

# Connection of Malta to the European Gas Network - Pipelines

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Melita TransGas Co. Ltd.

### PCI number

5.19

### EU TYNDP 2018 project code

TRA-N-031

### Project category

Transmission line

### Priority corridor

NSIW

### Hosting countries

Malta, Italy

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://melitatransgas.com.mt/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

The major technical parameters for the project have not changed compared to 31 January 2020. A technical feasibility study was performed in March 2020 to upgrade the project design in order to enable the transportation of blends of hydrogen/biomethane and natural gas up to 100% hydrogen. The results indicate that this is feasible by primarily changing the steel grade material from X65 to X52 and by increasing slightly the pipeline wall thickness. Upgrading of the equipment in the terminal stations/BVSs will also be necessary. These upgrades would imply an estimated additional 20M€ in the project investment costs which were already included in the investment costs submitted in the PCI monitoring report of March 2020. Following finalisation of FEED studies in 2020, the CAPEX estimation (including the 20M€ hydrogen upgrade) has been revised to 382M€.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2012-01-17

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Delayed	Jan-2026
2020	Permitting	Delayed	Jul-2025
2019	Permitting	On time	Mar-2020

### Main reason for rescheduling/delay:

Delays due to other permit granting reasons (different than law changes, environmental problems or preparation of application files); Delays due to financing reasons

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	387.0	15 / 15	409	7
2020	382.0	15	456	
2019	414.5	30		

### Progress of costs during the reporting period / Reasons for changes:

Not applicable.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

FEED studies were completed in June 2020. An advanced draft of the EPC tender package was prepared. The EIA/AA studies were submitted to the Maltese and Italian Competent Authorities. ; STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Dec-2022	Aug-2023
Permit granting	Nov-2017	Nov-2021
Construction	Jun-2023	Oct-2025
Commissioning	Oct-2025	Jan-2026

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is in permitting status. Current progress of the project is: "Delayed". Due to the fact that Incremental Capacity Process, that was foreseen to take place in 2021, has been rescheduled to 2022, the completion of the project is expected to be delayed by one year (2026 as commissioning last year instead of 2025). The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. REWS and ARERA have received an Investment Request for the PCI 5.19 on the 17th of April 2019. The same NRAs have issued a joint Cross-Border Cost Allocation Decision on the 4th of June 2019, that allocates 100% of the costs to Malta.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Adaptation L- gas - H-gas

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

GRTgaz, Storengy France

### PCI number

5.21

### EU TYNDP 2018 project code

TRA-N-429

### Project category

Transmission line

### Priority corridor

NSIW

### Hosting countries

France

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.grtgaz.com/fr/grands-projets/le-projet-tulipe/presentation.html> – <https://site.grdf.fr/web/changement-de-gaz>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2014-10-30

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	On time	Dec-2025
2020	Permitting	On time	Dec-2025
2019	Permitting	On time	Mar-2020

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	131.0		279	56
2020	131.0		279	
2019	131.0		279	

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The PCI project is composed of several sub-projects at different stage of progress. Projects from the pilot phase (2016-2019) have been commissioned in 2019 while projects aimed at enabling the conversion of consumers between 2021 and 2023 have been decided in September 2019 after completion of feasibility studies. Works have begun in Taisnières and Loon (both to be commissioned in 2021) ; STUDY: technical feasibility; Detailed technical design; Construction; Commissioning

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Mar-2017	Dec-2024
Permit granting	Nov-2016	Dec-2026
Construction	Apr-2017	Dec-2026
Commissioning	Dec-2025	Dec-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under construction. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. Joint CBCA decision CREG/CRE taken in 2018.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# L/H Conversion

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Fluxys Belgium SA/NV

### PCI number

5.21

### EU TYNDP 2018 project code

TRA-N-500

### Project category

Transmission line

### Priority corridor

NSIW

### Hosting countries

Belgium

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.fluxys.com/en/company/fluxys-belgium/infrastructure>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major change.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2015-12-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	On time	Sep-2024
2020	Under construction	On time	Dec-2026
2019	Permitting	On time	Dec-2022

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	35.0			10
2020	50.0			
2019	50.0			

**Progress of costs during the reporting period / Reasons for changes:**

Reduction from 50 MEUR to 35 MEUR. Some of the investments have been optimized during the detailed design phase. It is notably the case of the required adaptations of valve nodes along the North-South "Dorsales" pipelines of the Fluxys Belgium network.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction; Commissioning

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2018	Oct-2018
Permit granting	Mar-2018	May-2019
Construction	Oct-2018	
Commissioning	Dec-2019	Sep-2024

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Shannon LNG Terminal and Connecting Pipeline

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Shannon LNG Ltd

### PCI number

5.3

### EU TYNDP 2018 project code

LNG-N-30

### Project category

LNG terminal

### Priority corridor

NSIW

### Hosting countries

Ireland

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[www.shannonlng.ie](http://www.shannonlng.ie)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

N/A

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2013-12-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Delayed	Dec-2024
2020	Permitting	Delayed	Dec-2024
2019	Permitting	On time	Dec-2022

**Main reason for rescheduling/delay:**

Other Delays due to lawsuits and court proceedings

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021				68
2020				
2019				

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No works have been carried out in this period for the following reasons. In July 2018, the development consent for the PCI was extended to allow construction up to 2023. In September 2018, the validity of that extension was questioned in the Irish High Court by Friends of the Irish Environment CLG (High Court 2018/734JR). By order of the Irish High Court made in October 2018, a prohibition was placed on the carrying out of works and activities under the development consent. In February 2019, the Irish High Court referred

questions to the Court of Justice of the European Union (CJEU). In September 2020, the CJEU answered certain of those questions (Case C-254/19). On 9 November 2020, having regard to those answers, the development consent was quashed by the Irish High Court. Separately, in January 2020, the validity of the inclusion of the PCI on the fourth PCI list was questioned in the Irish High Court by Friends of the Irish Environment CLG (High Court 2020/76JR). In September 2020, the principal argument in those proceedings was dismissed. In March 2021, the balance of the arguments in those proceedings were also dismissed. Friends of the Irish Environment CLG has indicated that it intends to appeal. The activities carried out during this period include re-assessment of the nature and extent of the proposed development, pre-application consultations with the competent authority in relation to a fresh application for development consent and preparation of information to accompany any fresh application; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2018	Nov-2021
Permit granting	Sep-2007	Dec-2010
Construction	Jan-2022	Sep-2024
Commissioning	Oct-2024	Dec-2024

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013



# Poland - Slovakia interconnection

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Eustream, a.s.

### PCI number

6.2.1

### EU TYNDP 2018 project code

TRA-N-190

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Slovakia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[https://www.eustream.sk/sk\\_prepravna-siet/sk\\_prepojenie-pl-sk](https://www.eustream.sk/sk_prepravna-siet/sk_prepojenie-pl-sk)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2013-11-30

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	On time	Dec-2021
2020	Under construction	On time	Dec-2021
2019	Under construction	On time	Jan-2020

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	130.0	10 / 10		54
2020	130.0	10		
2019	143.0	10		

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Tendering; Preparatory works for construction (e.g. land preparation); Construction

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jun-2016	Dec-2019
Permit granting	Aug-2015	Sep-2018
Construction	May-2018	Nov-2020
Commissioning	Dec-2021	Dec-2021

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter already applied for project specific risk-based incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under construction. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. No potential issues identified.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Poland - Slovakia Gas Interconnection (PL section)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Operator Gazociągów Przesyłowych Gaz-System S.A.

### PCI number

6.2.1

### EU TYNDP 2018 project code

TRA-F-275

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Poland

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

### Reason for non-inclusion:

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	On time	Feb-2022
2020	Under construction	On time	Feb-2022
2019	Permitting	On time	Mar-2020

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	166.0			93.34
2020	206.0			
2019	144.0			

### Progress of costs during the reporting period / Reasons for changes:

Total CAPEX based on agreements signed with contractors, both for construction works and investor deliveries. The project covers construction of the gas pipeline and Gas Node in Strachocina. Decision on implementation of CS Strachocina was put on hold.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparatory works for construction (e.g. land preparation); Construction

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Apr-2015	Nov-2018
Permit granting	Jun-2016	Oct-2019
Construction	Jul-2019	
Commissioning	Feb-2022	Feb-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter already applied for project specific risk-based incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under construction. Current progress of the project is: "Delayed". Based on current information provided by Gaz-System we are expecting commissioning date to be postponed to 2022. The project's implementation plan seems to be clear and valid. In our opinion key problems affecting project development are limited access to labour and increased prices of construction, such as materials or services. Also the COVID pandemic causes significant difficulties to project promoter. Costs of the project are seen as credible. It is strategic infrastructural project which plays key role in security of supply and market integration therefore it is closely supervised and supported by national regulator in matter of preparation and implementation.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Enhancement of Transmission Capacity of Slovak-Hungarian interconnector

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

FGSZ Ltd.

### PCI number

6.2.13

### EU TYNDP 2018 project code

TRA-N-524

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Hungary

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

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## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

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## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2014-12-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021			
2020	Commissioned	On time	Oct-2019
2019	Permitting	On time	Mar-2020

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021				
2020	1.0	0		
2019	58.0			

**Progress of costs during the reporting period / Reasons for changes:**

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## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2018	Jan-2019
Permit granting	Jul-2018	Jan-2019
Construction	Jan-2019	Oct-2019
Commissioning	Sep-2019	Oct-2019

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

Project has been commissioned in Oct. 2019.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Development of Transmission Capacity at Slovak-Hungarian interconnector

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

FGSZ Ltd.

### PCI number

6.2.13

### EU TYNDP 2018 project code

TRA-N-636

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Hungary

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

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## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

Enabler projects: Compressor station at Dorog 3x7,5,7MW, Gödöllő node modification

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2014-12-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under consideration	Rescheduled	Oct-2025
2020	Under consideration	Rescheduled	Oct-2024
2019	Permitting	On time	Jun-2023

**Main reason for rescheduling/delay:**

Lack of interest from the market

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	142.0			0
2020	217.0			
2019	0.6			

**Progress of costs during the reporting period / Reasons for changes:**

Recalculated CAPEX, additional enabler projects.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

It was an Incremental capacity auction 06.07.2020, but the shippers didn't book capacity therefore the economic test was unsuccessful.; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Sep-2022	Apr-2023
Permit granting	Sep-2022	Aug-2023
Construction	Sep-2023	Jun-2025
Commissioning	Sep-2025	Oct-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under consideration. Current progress of the project is: "Rescheduled". Unsuccessful auction in July 2020, new market survey in 2021. The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013



# Firm transmission capacity increase at the IP Veľké Zlievce

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Eustream, a.s.

### PCI number

6.2.13

### EU TYNDP 2018 project code

TRA-N-1235

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Slovakia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[https://www.eustream.sk/en\\_transmission-system/en\\_development-of-the-network/en\\_public-consultation-for-hu-sk](https://www.eustream.sk/en_transmission-system/en_development-of-the-network/en_public-consultation-for-hu-sk)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2016-11-30

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	On time	Sep-2024
2020	Planned but not yet in permitting	Rescheduled	Sep-2024
2019	Permitting		Dec-2022

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	26.0			0
2020	26.0			
2019				

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Internal analysis, preparatory activities connected to the FEED elaboration; Public consultation; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Nov-2023	Dec-2023
Permit granting	Feb-2020	Sep-2020
Construction		
Commissioning	Sep-2024	Sep-2024

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is planned but not yet in permitting. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. No potential issues identified.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# North - South Gas Corridor in Eastern Poland

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Operator Gazociągów Przesyłowych Gaz-System S.A.

### PCI number

6.2.2

### EU TYNDP 2018 project code

TRA-N-245

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Poland

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

### Reason for non-inclusion:

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Rescheduled	Feb-2026
2020	Permitting	Rescheduled	Feb-2026
2019	Permitting	Rescheduled	Jun-2023

### Main reason for rescheduling/delay:

Re-prioritization of the project's implementation against other investments of the project promoter

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	1,437.0			417.76
2020	1327.0			
2019	1204.0			

### Progress of costs during the reporting period / Reasons for changes:

CAPEX for the project is slightly higher than expected in 2020 PCI monitoring. As it was mentioned last year, CAPEX of the project was an estimated value and should be updated after tendering process for the investor deliveries as well as for the construction works. Due to the fact that some tenders have been finished the amount has been revised. Moreover, GAZ-SYSTEM observes over-saturation of the market accompanied by increased prices of construction, both materials and services and also difference in currency conversion.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Feb-2010	Mar-2024
Permit granting	Jan-2011	Jul-2023
Construction		
Commissioning	Feb-2026	Feb-2026

## REGULATORY TREATMENT

Exemption <sup>1</sup>	
CBCA <sup>2</sup>	
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# UGS Chiren Expansion

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Bulgartransgaz EAD

### PCI number

6.20.2

### EU TYNDP 2018 project code

UGS-N-138

### Project category

Underground storage

### Priority corridor

NSIE

### Hosting countries

Bulgaria

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.bulgartransgaz.bg/bg/pages/capacity-expansion-of-chiren-ugs-pci-6-20-2-134.html>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

In order to achieve the objectives of the expansion, works will continue in three areas: 1. Design, construction and commissioning of new above ground facilities – a compressor station with all of the auxiliary equipment to ensure a reliable and continuous operation for natural gas injection and withdrawal and a new gas metering station (GMS); 2. Design and construction of a new gas pipeline, which connects Chiren UGS with the Balkan Stream gas pipeline (VA Butan - Chiren UGS); 3. Design and construction of underground facilities - ten new high flowrate exploitation and three observation wells, as well as new loops (gas pipelines) connecting the exploitation wells with the above ground facilities, including the compressor station.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2013-06-10

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	On time	Jul-2024
2020	Permitting	Delayed	Dec-2026
2019	Permitting	Delayed	Sep-2024

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	318.0			9
2020	238.0	20		
2019	238.0	20	3.083	

**Progress of costs during the reporting period / Reasons for changes:**

Development of the project and refinement of its scope and necessary investment costs

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility; Preparation of permitting files, contracts and other documents; Tendering

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	May-2021	Apr-2023
Permit granting	Feb-2021	Apr-2023
Construction	Mar-2022	Jun-2024
Commissioning	Feb-2024	Jul-2024

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Yes, we plan to submit an investment request.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Metering and Regulating Station at UGS South Kavala

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Hellenic Gas Transmission System  
Operator S.A.

### PCI number

6.20.3

### EU TYNDP 2018 project code

TRA-N-1092

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Greece

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.desfa.gr/en/national-natural-gas-system/development-of-the-nngs/european-union-list-of-projects-of-common-interest>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2019-08-01

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under consideration	On time	Dec-2023
2020	Under consideration	On time	Dec-2023
2019	Permitting	Rescheduled	Jun-2023

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	8.0			0
2020	7.0			
2019	7.5			

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No activity was performed in the specified reporting period

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	May-2022	Sep-2022
Permit granting	Sep-2021	Jul-2022
Construction		
Commissioning	Nov-2023	Dec-2023

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is planned but not yet in permitting. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013



# South Kavala Underground Gas Storage facility

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Hellenic Republic Asset Development  
Fund S.A.

### PCI number

6.20.3

### EU TYNDP 2018 project code

UGS-N-385

### Project category

Underground storage

### Priority corridor

NSIE

### Hosting countries

Greece

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.hradf.com/en/portfolio/view/26/south-kavala-natural-gas-storage>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical changes compared to 31 January 2020

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is not included in the NDP of any of the hosting EU Member States

### Reason for non-inclusion:

The project is developed by a third party promoter and as such, it is not obliged to be part of the NDP.

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under consideration	Delayed	Jul-2024
2020	Under consideration	Delayed	Dec-2023
2019	Permitting	Rescheduled	Jun-2023

### Main reason for rescheduling/delay:

National law changes affecting permitting, including complexities with the implementation of the new legislation implementing Regulation (EU) 347/2013 for permitting

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	300.0			0
2020	320.0			
2019	320.0			

### Progress of costs during the reporting period / Reasons for changes:

N/A

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The Joint Ministerial Decision (Ministries of Finance and Energy) legally enabling HRADF to launch the tender process for the selection of the concessionaire which will develop and operate the South Kavala UGS has been issued on March 10, 2020. On March 30, 2021 HRADF Board of Directors prequalified two parties (DESFA-GEK TERNA Consortium and Energean Oil & Gas) to proceed to Phase B of the Tender; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2022	Jun-2022
Permit granting	Jan-2022	Dec-2022
Construction		
Commissioning	Jul-2024	Jul-2024

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is NOT included in the NDP of any of the hosting EU Member States. The project is under consideration. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. It is important when assessing this project to consider that Gas Originating from Russia reaches Sidirokastro Entry Point through Turkey since the Ukrainian Route for Greece has been deactivated. Costs of the project are seen as credible. The project promoter is asking the Regulator to consider that a part of the cost of this project be socialised and derived from transmission tariffs due to the fact that the storage facility will enhance the security of supply of the greek market.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Depomures

## PCI MONITORING 2021

### GENERAL DATA

#### Project promoters

ENGIE Romania

#### PCI number

6.20.4

#### EU TYNDP 2018 project code

UGS-N-233

#### Project category

Underground storage

#### Priority corridor

NSIE

#### Hosting countries

Romania

#### Reference date

31 January 2021

#### Reporting period

1 February 2020 - 31 January 2021

#### PCI website

[www.depomures.ro](http://www.depomures.ro)

### TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical changes in the project compared to 31 January 2020.

### INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2018-12-14

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

### STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	Delayed	Dec-2026
2020	Under construction	Delayed	Mar-2025
2019	Permitting	Delayed	Jun-2023

#### Main reason for rescheduling/delay:

Delays due to financing reasons; Delays due to risks related to the national regulatory framework or uncertainty of regulatory decisions

### COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	87.0			15
2020	87.0			
2019	87.0			

#### Progress of costs during the reporting period / Reasons for changes:

Not applicable

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

In 2020 we continued the process for obtaining the final investment decision for the remaining investments, including the relevant financing sources. In this respect, we have submitted an application for EU funds through CEF program, but our project was not retained on the list of projects that received funding. On the other hand, in the context of liberalization of Romanian gas market as of 1st of July 2020 and deregulation of the gas storage market in Romania starting with 1st of April 2021, Depomures launched a new update of its project business plan to include and reflect the impact of the new regulatory framework. ; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2013	Dec-2013
Permit granting	Jun-2012	Sep-2017
Construction	Jul-2015	Dec-2026
Commissioning	Mar-2016	Dec-2026

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Sarmasel underground gas storage in Romania

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

SNGN ROMGAZ SA -The Underground  
Storage of Natural Gas Subsidiary  
DEPOGAZ PLOIESTI SRL

### PCI number

6.20.6

### EU TYNDP 2018 project code

UGS-N-371

### Project category

Underground storage

### Priority corridor

NSIE

### Hosting countries

Romania

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.depogazploiesti.ro/en/activity/projects-of-common-interest>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

Our revised and improved reservoir studies have proved the necessity to increase the number of drilling wells within the project. At the same time we have included, as part of the project, a renewable energy producing solar panel system

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2017-06-22

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Delayed	Dec-2025
2020	Permitting	Rescheduled	Dec-2024
2019	Permitting	Rescheduled	Sep-2024

### Main reason for rescheduling/delay:

Delays due to financing reasons; Delays due to risks related to the national regulatory framework or uncertainty of regulatory decisions

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	163.0	20 / 20	187	8.7
2020	136.0	20	5	
2019	136.2	20	4.75	

### Progress of costs during the reporting period / Reasons for changes:

The increase in CAPEX value is due mainly because of the results of the update/revision of the reservoir study that has concluded a number of extra drilling wells and associated surface infrastructure are needed for the implementation of the project.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

We have finalized the upgrade of 18 old wells. We have prepared the tender book and organized the tender and finalized it by signing a contract for the upgrade of some other 12 old wells for which we are in course of obtaining permitting files. ; STUDY: environmental; STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Apr-2021	Apr-2022
Permit granting	Feb-2020	Dec-2021
Construction	May-2019	Dec-2025
Commissioning	Oct-2025	Dec-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Starting with April 01st, 2021 the natural gas storage activity in Romania is no longer regulated. We intend to apply for exemptions as soon as the national regulatory framework will be clarified as to encourage the development of infrastructure projects.
CBCA <sup>2</sup>	We plan to submit an investment request in order to access funding through the CEF mechanism in 2021
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Starting with April 01st, 2021 the natural gas storage activity in Romania is no longer regulated. We intend to apply for incentives as soon as the national regulatory framework will be clarified as to encourage the development of infrastructure projects.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# CS Ajdovščina, 1st phase of upgrade

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Plinovodi d.o.o.

### PCI number

6.23

### EU TYNDP 2018 project code

TRA-N-92

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Slovenia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.plinovodi.si/en/transmission-system/projects-of-common-interest-pci/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2003-11-28

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	On time	Oct-2025
2020	Planned but not yet in permitting	Rescheduled	Oct-2025
2019	Permitting		Sep-2024

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	12.0			0
2020	12.0			
2019				

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation for FEED.; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Dec-2022	Jan-2024
Permit granting	Mar-2023	Oct-2024
Construction		
Commissioning	Oct-2025	Oct-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. We plan to submit an investment request (CBCA) in 2021.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is in permitting status. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. The project was approved by the NRA in the latest NDP 2021-2030. Project code is not consistent with the NDP 2021-2030 (TRA-N-92).

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013



# M3 pipeline reconstruction from CS Ajdovščina to Šempeter/Gorizia

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Plinovodi d.o.o.

### PCI number

6.23

### EU TYNDP 2018 project code

TRA-N-108

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Slovenia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.plinovodi.si/en/transmission-system/projects-of-common-interest-pci/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2010-10-10

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	On time	Oct-2025
2020	Planned but not yet in permitting	Rescheduled	Oct-2025
2019	Permitting		Sep-2024

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	20.0			1
2020	20.0			
2019				

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; Identification of alternative solutions / site identification; Public consultation; Detailed technical design

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Oct-2021	Dec-2023
Permit granting	Dec-2022	Jul-2024
Construction		
Commissioning	Oct-2025	Oct-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is in permitting status. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Key problem that the project faces is market demand. Costs of the project are seen as credible. The project is in the planning stage, which means that the NRA has not yet approved the project. Project code is not consistent with the NDP 2021-2030 (TRA-N-108).

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# R15/1 Pince - Lendava - Kidričevo

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Plinovodi d.o.o.

### PCI number

6.23

### EU TYNDP 2018 project code

TRA-N-112

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Slovenia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.plinovodi.si/en/transmission-system/projects-of-common-interest-pci/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

As described in the project description, it is clear that the purpose of the project of connecting the Hungarian and Slovenian transmission system has gained new dimensions over time, which is also reflected in the technical level of the project, which now involves the transfer of gas from the Hungarian market to the Italian market and vice versa. With additional technical upgrades, the project will ensure the transmission of natural gas from the Hungarian market to the Italian market and in the reverse direction in the capacity of up to 190,000 Sm<sup>3</sup>/h (49 GWh/d).

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2010-10-10

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	On time	Oct-2025
2020	Planned but not yet in permitting	On time	Oct-2025
2019	Under consideration	Rescheduled	Dec-2020

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	109.0			1
2020	109.0			
2019	108.9			

**Progress of costs during the reporting period / Reasons for changes:**

The new estimate of the value up to this value of the investment depends on the handover parameters in the negotiation phase in order to harmonize the input parameters of the flow pressure conditions.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; Identification of alternative solutions / site identification; Public consultation

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2021	Oct-2023
Permit granting	Jul-2021	Oct-2024
Construction	Apr-2023	Oct-2025
Commissioning	Oct-2024	Oct-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. We plan to submit an investment request (CBCA) in 2021.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is in permitting status. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Cost of the project are not seen as credible. According to the NDP 2021-2030 the costs are planned at 82.1 mio €. The project was approved by the NRA in the latest NDP 2021-2030. Project code is not consistent with the NDP 2021-2030 (TRA-N-112).

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Slovenian-Hungarian interconnector

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

FGSZ Ltd.

### PCI number

6.23

### EU TYNDP 2018 project code

TRA-N-325

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Hungary

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://fgsz.hu/en/about-fgsz/activities-business-policy/international-projects/hsit>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

-

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2016-12-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under consideration	Rescheduled	Oct-2025
2020	Under consideration	Rescheduled	Dec-2023
2019	Permitting	Rescheduled	Jun-2023

**Main reason for rescheduling/delay:**

Demand side changes/ uncertainties; Supply side changes/ uncertainties

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	241.0			0
2020	310.0	10		
2019	205.0	10		

**Progress of costs during the reporting period / Reasons for changes:**

Recalculated CAPEX.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Public consultation

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2022	Mar-2023
Permit granting	May-2022	Jun-2023
Construction		
Commissioning	Sep-2025	Oct-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Yes, we plan to submit an investment request.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under consideration. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Gorizia plant upgrade

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Snam Rete Gas

### PCI number

6.23

### EU TYNDP 2018 project code

TRA-N-1227

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Italy

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[https://www.snam.it/export/sites/snam-rp/repository-srg/file/it/business-servizi/Processi\\_Online/Allacciamenti/informazioni/piano-decennale/pd\\_2020\\_2029/SRG-Piano-Decennale-2020-2029.pdf](https://www.snam.it/export/sites/snam-rp/repository-srg/file/it/business-servizi/Processi_Online/Allacciamenti/informazioni/piano-decennale/pd_2020_2029/SRG-Piano-Decennale-2020-2029.pdf)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

not applicable

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2018-11-30

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

Other

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	Rescheduled	Dec-2025
2020	Permitting	On time	Jun-2024
2019	Under construction		Jan-2020

**Main reason for rescheduling/delay:**

Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	3.0	30 / 30		0
2020	3.0	30		
2019				

**Progress of costs during the reporting period / Reasons for changes:**

Not applicable

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Public consultation

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2022	Sep-2023
Permit granting	Jun-2022	Sep-2023
Construction	May-2024	Dec-2025
Commissioning	Dec-2025	Dec-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. The project could be subject to specific incentives as envisaged by the regulatory framework applied in Italy. No intentions to apply in the future.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013



# Development on the Romanian territory of the NTS (BG-RO-HU-AT Corridor)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

SNTGN Transgaz SA

### PCI number

6.24.1

### EU TYNDP 2018 project code

TRA – F 358

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Romania

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[http://www.transgaz.ro/sites/default/files/brosura\\_transgaz\\_varianta\\_finala.pdf](http://www.transgaz.ro/sites/default/files/brosura_transgaz_varianta_finala.pdf)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

Not applicable

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2014-12-17

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	Delayed	Nov-2020
2020	Under construction	Delayed	Oct-2020
2019	Permitting	On time	Sep-2024

### Main reason for rescheduling/delay:

Delays due to environmental problems (including re-routing and/or siting or re-siting of facility(ies)). Environmental problems also include problems with cultural heritage authorities or any other authority that is involved in the environmental procedure; National law changes affecting permitting, including complexities with the implementation of the new legislation implementing Regulation (EU) 347/2013 for permitting; Delays related to acquisition of or access to land; Delays due to correlation with other delayed infrastructure investments Delay in tendering process; Delays in construction works; Delays due to technological reasons (including any changes, re-routing and/or siting or re-siting of facility(ies) initiated by the PP); Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	423.0	/ 12		387
2020	478.0			
2019	547.4			

### Progress of costs during the reporting period / Reasons for changes:

The new estimated value of CAPEX took into account the execution stage of the Project as well as the current value of the execution contracts and of the material and equipment delivery contracts.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Negotiations with landowners and land acquisition; Detailed technical design;  
Construction; Commissioning

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Apr-2018	Jun-2019
Permit granting	Jan-2015	Jan-2017
Construction		
Commissioning	Aug-2019	Nov-2020

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

ACER comment: According to the public source of information from 28 November 2020, PCI BRUA Phase 1 has been completed, but project promoter did not report this PCI as being “commissioned”, therefore PCI has not been accounted as such in our statistics of completed projects.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Városföld CS

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

FGSZ Ltd.

### PCI number

6.24.4

### EU TYNDP 2018 project code

TRA-N-123

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Hungary

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

-

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

-

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2014-12-31

The PCI is not included in the NDP of any of the hosting EU Member States

### Reason for non-inclusion:

FGSZ reconsidered the project, instead of building a new compressor unit, with modification of Városföld node the delivery tasks can be ensured with the existing compressor units.

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	On time	Oct-2022
2020	Planned but not yet in permitting	On time	Dec-2022
2019	Permitting	On time	Mar-2020

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	15.0			0
2020	20.0			
2019	19.6			

### Progress of costs during the reporting period / Reasons for changes:

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No activity was performed in the specified reporting period

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Sep-2020	Apr-2021
Permit granting	Sep-2020	Aug-2021
Construction	Aug-2021	Sep-2022
Commissioning	Sep-2022	Oct-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

Project has been cancelled, cost cannot be allocated.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Development on the Romanian territory of the Southern Transmission Corridor

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

SNTGN Transgaz SA

### PCI number

6.24.4

### EU TYNDP 2018 project code

TRA-N-362

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Romania

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

• [http://www.transgaz.ro/sites/default/files/Downloads/2016.0629 - conducta\\_marea\\_neagra - podisor - lb\\_ro.pdf](http://www.transgaz.ro/sites/default/files/Downloads/2016.0629_-_conducta_marea_neagra_-_podisor_-_lb_ro.pdf)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2014-12-17

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Delayed	Dec-2022
2020	Permitting	Delayed	Dec-2020
2019	Permitting	On time	Mar-2020

### Main reason for rescheduling/delay:

Delays due to correlation with other delayed infrastructure investments Delay in tendering process

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	371.6	10 / 10		9.1
2020	371.6	10		
2019	360.4	10		

### Progress of costs during the reporting period / Reasons for changes:

Equipment prices update. Labor prices update.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Tendering

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2015	May-2018
Permit granting	Jan-2015	May-2018
Construction		Oct-2022
Commissioning	Nov-2022	Dec-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Romanian-Hungarian reverse flow Hungarian section 2nd stage

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

FGSZ Ltd.

### PCI number

6.24.4

### EU TYNDP 2018 project code

TRA-N-377

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Hungary

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://fgsz.hu/en/about-fgsz/activities-business-policy/international-projects/brua>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

There are no changes.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2014-12-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under consideration	Rescheduled	Oct-2024
2020	Under consideration	On time	Dec-2022
2019	Permitting	On time	Jun-2023

**Main reason for rescheduling/delay:**

Demand side changes/ uncertainties; Supply side changes/ uncertainties

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	4.0			0
2020	13.0			
2019	11.0			

**Progress of costs during the reporting period / Reasons for changes:**

Recalculated CAPEX.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Updating existing feasibility study; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Sep-2021	Apr-2022
Permit granting	Sep-2021	Apr-2022
Construction	Jun-2022	Aug-2024
Commissioning	Sep-2024	Oct-2024

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under consideration. Current progress of the project is: "Rescheduled". March 2020 Open Season was unsuccessful due to lack of market interest, next market survey: July 2021. The project's implementation plan seems to be clear and valid. Cost of the project are not seen as credible. NRA estimates that the project costs will exceed the project promoter's forecast.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013



# Development on the Romanian territory of the NTS (BG-RO-HU-AT)-Phase II

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

SNTGN Transgaz SA

### PCI number

6.24.4

### EU TYNDP 2018 project code

TRA-N-1322

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Romania

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.transgaz.ro/ro/extinderea-capacitatii-de-transport-gazelor-naturale-din-romania-catre-ungaria-pana-la-44-mldmcan>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2014-12-17

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Delayed	Dec-2022
2020	Permitting	Delayed	Oct-2022
2019	Permitting		Sep-2024

**Main reason for rescheduling/delay:**

Lack of interest from the market

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	74.5	10 / 10		2
2020	680.0	10		
2019				

**Progress of costs during the reporting period / Reasons for changes:**

Equipment and labor costs updated.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2016	Apr-2020
Permit granting	Jan-2016	Apr-2020
Construction	Dec-2021	Nov-2022
Commissioning	Nov-2022	Dec-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Compressor stations 2 and 3 at the Croatian gas transmission system

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Plinacro Ltd

### PCI number

6.26.1

### EU TYNDP 2018 project code

TRA-N-1057

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Croatia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.plinacro.hr/default.aspx?id=914>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

There are no any technical changes of the project.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2013-04-30

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under consideration	Rescheduled	Aug-2030
2020	Under consideration	Rescheduled	Dec-2029
2019	Permitting	Rescheduled	Sep-2024

### Main reason for rescheduling/delay:

Changes due to complementarity with other rescheduled infrastructure investments of any project promoter; Changes in the overall planning data input (supply, demand and transmission) with consequent impact on the PCI benefits

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	50.0	10 / 2		0
2020	50.0	10		
2019	50.0	10		

### Progress of costs during the reporting period / Reasons for changes:

N/a

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No activities have been performed between 01.02.2020 - 31.01.2021.; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Sep-2026	May-2027
Permit granting	Sep-2024	Sep-2027
Construction	Jun-2028	Jun-2030
Commissioning	Jul-2030	Aug-2030

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under consideration. Current progress of the project is: "Rescheduled". The project has been rescheduled for commissioning to year 2030 according to the latest NDP 2021-2030 approved by HERA. The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. The project is a part of the latest NDP 2021-2030 approved by NRA.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# CS Kidričevo, 2nd phase of upgrade

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Plinovodi d.o.o.

### PCI number

6.26.1

### EU TYNDP 2018 project code

TRA-N-094

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Slovenia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.plinovodi.si/en/transmission-system/projects-of-common-interest-pci/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2005-10-01

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	Rescheduled	Dec-2025
2020	Planned but not yet in permitting	Rescheduled	Dec-2024
2019	Permitting	Rescheduled	Mar-2020

**Main reason for rescheduling/delay:**

Lack of interest from the market; Changes due to complementarity with other rescheduled infrastructure investments of any project promoter

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	81.0			0
2020	81.0			
2019	27.5			

**Progress of costs during the reporting period / Reasons for changes:**

CAPEX value for CS Kidričevo upgrade is depending on border pressure conditions in gas corridor Croatia-Slovenia-Austria, which still are considered by transmission system operators. In the range of possible pressure conditions, CAPEX value for Slovenian part of gas compression at Kidričevo could reach up to 81 mln EUR.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No significant activities were ongoing in this period. Activities were mainly focused on the project 6.26.6 of this cluster.; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2022	Jul-2023
Permit granting	Jul-2023	Dec-2024
Construction	Jul-2024	Dec-2025
Commissioning	Dec-2025	Dec-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is in permitting status. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Key problem that the project faces is market demand. Costs of the project are seen as credible. The project is in the planning stage, which means that the NRA has not yet approved the project. Project code is not consistent with the NDP 2021-2030 (TRA-N-94).

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# GCA 2015/08: Entry/Exit Murfeld

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

GAS CONNECT AUSTRIA GmbH

### PCI number

6.26.1

### EU TYNDP 2018 project code

TRA-N-361

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Austria

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[www.gasconnect.at](http://www.gasconnect.at)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

### Reason for non-inclusion:

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	On time	Nov-2025
2020	Planned but not yet in permitting	Rescheduled	Nov-2025
2019	Permitting	Rescheduled	Mar-2020

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	100.0			0
2020				
2019				

### Progress of costs during the reporting period / Reasons for changes:

Correction to be consistent with currently publicly available information and considering the time stamp of 31 January 2021.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Replanning of the project and public consultation in the course of the national development planning. Development of smaller offer levels to synchronize the project with existing bookings in place at the LNG KRK terminal. Development of marketing concept with SI and HR transmission system operator.; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Nov-2022	Mar-2023
Permit granting	Jun-2022	Dec-2022
Construction	Apr-2023	Sep-2025
Commissioning	Oct-2025	Nov-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013



# Upgrade of Murfeld/Ceršak interconnection (M1/3 Interconnection Ceršak)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Plinovodi d.o.o.

### PCI number

6.26.1

### EU TYNDP 2018 project code

TRA-N-389

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Slovenia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.plinovodi.si/en/transmission-system/projects-of-common-interest-pci/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2010-10-01

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	Rescheduled	Dec-2025
2020	Planned but not yet in permitting	Rescheduled	Dec-2024
2019	Permitting	Rescheduled	Mar-2020

**Main reason for rescheduling/delay:**

Lack of interest from the market; Changes due to complementarity with other rescheduled infrastructure investments of any project promoter

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	6.0			0
2020	6.0			
2019	6.0			

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation for FEED.; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2022	Jul-2023
Permit granting	Jul-2023	Dec-2024
Construction	Jul-2024	Dec-2025
Commissioning	Dec-2025	Dec-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is in permitting status. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Key problem that the project faces is market demand. Costs of the project are seen as credible. The project is in the planning stage, which means that the NRA has not yet approved the project. Project code is not consistent with the NDP 2021-2030 (TRA-N-389).

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Upgrade of Rogatec interconnection (M1A/1 Interconnection Rogatec)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Plinovodi d.o.o.

### PCI number

6.26.1

### EU TYNDP 2018 project code

TRA-N-390

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Slovenia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.plinovodi.si/en/transmission-system/projects-of-common-interest-pci/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2014-10-01

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	Rescheduled	Dec-2025
2020	Planned but not yet in permitting	Rescheduled	Dec-2024
2019	Under construction	Rescheduled	Sep-2018

**Main reason for rescheduling/delay:**

Lack of interest from the market; Changes due to complementarity with other rescheduled infrastructure investments of any project promoter

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	12.0			0
2020	12.0			
2019	12.4			

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Ongoing activities in the frame of spatial planning and implementation, according to the National Spatial Plan procedure.; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2022	Jul-2023
Permit granting	Jul-2023	Dec-2024
Construction	Jul-2024	Dec-2025
Commissioning	Dec-2025	Dec-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is in permitting status. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Key problem that the project faces is market demand. Costs of the project are seen as credible. The project is in the planning stage, which means that the NRA has not yet approved the project. Project code is not consistent with the NDP 2021-2030 (TRA-N-390).

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Interconnection Croatia/Slovenia (Lučko - Zabok - Rogatec)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Plinacro Ltd

### PCI number

6.26.1

### EU TYNDP 2018 project code

TRA-N-86

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Croatia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.plinacro.hr/default.aspx?id=913>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

In order to meet administrative regulations, the Rogatec-Zabok gas pipeline section was divided into two sections, the Sotla-Jezerišće international gas pipeline and the Jezerišće-Zabok main gas pipeline. The length of the international gas pipeline Jezerišće-Sotla is 8 km, while the length of the main gas pipeline Zabok-Jezerišće is 25 km. Nominal diameter and maximum operating pressure stayed unchanged. These two gas pipelines will be connected at the location of the new above ground object "Launching and receiving scraper trap - Jezerišće".

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2010-07-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Rescheduled	Dec-2024
2020	Permitting	Rescheduled	Dec-2023
2019	Permitting	On time	

**Main reason for rescheduling/delay:**

Demand side changes/ uncertainties; Re-prioritization of the project's implementation against other investments of the project promoter; Changes due to complementarity with other rescheduled infrastructure investments of any project promoter; Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	88.7	10 / 0		1.54
2020	60.0	10		
2019	60.0	10		

## Progress of costs during the reporting period / Reasons for changes:

The previous CAPEX estimate reported in 2020 PCI monitoring was EUR 60 million. Also, CAPEX value submitted for the PS-CBA exercise of the 2019 PCI selection was 60 million EUR. The difference between the currently expected CAPEX and the CAPEX value submitted in 2020 PCI monitoring is significant. The initial CAPEX of EUR 60 million was determined based on the preliminary design for the new interconnection gas pipeline system Lučko-Zabok-Rogatec, that is, prior to drawing up the basic, main and detailed designs. Upon the completion of basic designs and the location permits obtaining, and especially upon the completion of the main and detailed designs for the new interconnection Lučko-Zabok-Rogatec, which includes Lučko-Zabok, Zabok-Jezerišće and Jezerišće-Sotla gas pipeline sections there were significant changes in and the corrections to the initial route. Due to the administrative request for the Zabok-Rogatec gas pipeline section to be divided into two gas pipelines, Zabok-Jezerišće and Jezerišće-Sotla (Rogatec), the total number of the overhead facilities on the gas pipeline increased. Furthermore, administrative expenses increased as well. Detailed bills of quantities with the cost estimate were made within the scope of drawing up the main and detailed designs for the sections Lučko-Zabok, Zabok-Jezerišće and Jezerišće-Sotla. The bills of quantities include construction works, mechanical-assembly works, electrical-assembly works and all other types of assembly works, construction supervision as well as all materials (pipes) and the equipment for the construction of the gas pipeline route and the overhead facilities. According to the bills of quantities the estimated construction costs for individual gas pipeline sections are as follows: Lučko-Zabok - EUR 32.798 mln; Zabok-Jezerišće – EUR 38.175 mln; Jezerišće-Sotla – EUR 14.153 mln. Along with the estimated and actually incurred costs of engineering and project management as well as with the ROW costs the total CAPEX for the PCI Interconnection Croatia/Slovenia (Lučko-Zabok-Rogatec) equals EUR 88.7 mln.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

In the period between 01.02.2020 and 31.01.2021, the activities concerning the granting of buildings permits for the Zabok-Jezerišće and Lučko-Zabok gas pipeline sections have been conducting. The building permit for the Zabok-Jezerišće gas pipeline section was obtained in July 2020, while the procedure of granting the building permit for the Lučko-Zabok gas pipeline section is still underway.; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Feb-2018	Jan-2019
Permit granting	Jul-2014	Jun-2021
Construction	Sep-2023	Nov-2024
Commissioning	Dec-2024	Dec-2024

## REGULATORY TREATMENT

Exemption<sup>1</sup>

Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.

CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA. According to PCI implementation plan, we intend to submit an investment request not before the first quarter of 2023.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is in permitting status. Current progress of the project is: "Rescheduled". The project has been rescheduled for commissioning from year 2023 to year 2024. The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. The project is part of the latest NDP 2021-2030 approved by NRA.

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# FSRU Polish Baltic Sea Coast

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Operator Gazociągów Przesyłowych Gaz-System S.A.

### PCI number

6.27

### EU TYNDP 2018 project code

LNG-N-947

### Project category

LNG terminal

### Priority corridor

NSIE

### Hosting countries

Poland

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is only partially included in the relevant NDP(s) (i.e. only some of the investments are included or only in the NDP of some of the hosting EU Member States)

### Reason for non-inclusion:

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	On time	Dec-2027
2020	Permitting	On time	Dec-2025
2019	/		/

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	870.0			1.01
2020	920.0			
2019				

### Progress of costs during the reporting period / Reasons for changes:

Decision on implementing Kolnik-Reszki pipeline and CS Pomerania was put on hold, also as it was mentioned last year, CAPEX of the project was an estimated value and should be updated after tendering process for the investor deliveries as well as for the construction works. Moreover, GAZ-SYSTEM observes over-saturation of the market accompanied by increased prices of construction, both materials and services and also difference in currency conversion.



## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility; Public consultation; Preparation of permitting files, contracts and other documents; Detailed technical design; Tendering

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Oct-2021	Dec-2024
Permit granting	Jan-2020	Sep-2023
Construction		
Commissioning	Dec-2027	Dec-2027

## REGULATORY TREATMENT

Exemption <sup>1</sup>	
CBCA <sup>2</sup>	
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# LNG evacuation pipeline Omišalj - Zlobin (Croatia)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Plinacro Ltd

### PCI number

6.5.1

### EU TYNDP 2018 project code

TRA-N-90

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Croatia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.plinacro.hr/default.aspx?id=909>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

There are no any technical changes of the project compared to 31 January 2020.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2010-07-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Commissioned	On time	Dec-2020
2020	Under construction	On time	Dec-2020
2019	Permitting	Rescheduled	Jan-2021

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	60.0	0 / 3		58.207
2020	60.0	(-0/+2)		
2019	35.0	10		

**Progress of costs during the reporting period / Reasons for changes:**

The main reason for the difference in the CAPEX values is significant increase of the costs of construction works due to the shortening of the time period for the construction of gas pipelines and necessary changes in the technology of construction of the offshore section of the pipeline Omišalj-Zlobin.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Other activities: Production and delivery of the pipes and the equipment.; Preparatory works for construction (e.g. land preparation); Construction; Commissioning; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Aug-2015	Dec-2016
Permit granting	Jul-2009	Dec-2019
Construction	Dec-2019	Dec-2020
Commissioning	Dec-2020	Dec-2020

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter already applied for project specific risk-based incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project has been commissioned on 2020-12-31. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. - Costs of the project are seen as credible. The project has been approved by NRA as commissioned in the current NDP 2021-2030.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# LNG terminal Krk

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

LNG Hrvatska d.o.o.

### PCI number

6.5.1

### EU TYNDP 2018 project code

LNG-N-82

### Project category

LNG terminal

### Priority corridor

NSIE

### Hosting countries

Croatia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://lng.hr/en/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2017-03-01

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Commissioned	On time	Dec-2020
2020	Permitting	On time	Jan-2021
2019	Under construction	Rescheduled	Sep-2018

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	234.0	15 / 15		222.9
2020	234.0	15		
2019	233.6	15		

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Negotiations with landowners and land acquisition; Construction; Commissioning

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Apr-2019	Jun-2019
Permit granting	Mar-2017	Dec-2020
Construction	Apr-2019	Dec-2020
Commissioning	Oct-2020	Dec-2020

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project has been commissioned on 2020-12-31. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. - Costs of the project are seen as credible. The project has been commissioned in December 2020.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Compressor station 1 at the Croatian gas transmission system

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Plinacro Ltd

### PCI number

6.5.5

### EU TYNDP 2018 project code

TRA-F-334

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Croatia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.plinacro.hr/default.aspx?id=910>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No any technical changes of the project.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2010-07-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Commissioned	On time	Dec-2019
2020	Commissioned	On time	Dec-2019
2019	Under construction	On time	Sep-2018

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	27.9	0 / 0		27.87
2020	27.9	0		
2019	25.0	10		

### Progress of costs during the reporting period / Reasons for changes:

Difference in actual CAPEX as of 31 January 2020 and CAPEX reported in 2019 PCI monitoring is 11%. Reason for this difference in CAPEX is higher cost of the construction works than it was estimated.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The project was implemented and CS-1 was commissioned in December 2019.; No activity was performed in the specified reporting period

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Sep-2016	May-2017
Permit granting	May-2016	May-2018
Construction	Aug-2018	Dec-2019
Commissioning	Dec-2019	Dec-2019

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project has been commissioned on 2019-12-31. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. The project was approved by NRA in previous NDP 2018-2027 and is approved as commissioned project in current NDP 2021-2030.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Interconnector Greece-Bulgaria (IGB Project)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

ICGB a.d.

### PCI number

6.8.1

### EU TYNDP 2018 project code

TRA-F-378

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Bulgaria

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.icgb.eu/home>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2011-04-02

The PCI is only partially included in the relevant NDP(s) (i.e. only some of the investments are included or only in the NDP of some of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Delayed	Jun-2022
2020	Permitting	Delayed	Jun-2021
2019	Permitting	Delayed	Sep-2024

**Main reason for rescheduling/delay:**

Delays in construction works; Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	240.0			103
2020	240.0			
2019	240.0			

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: socio-economic feasibility; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction



## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Nov-2019	Jun-2021
Permit granting	Aug-2010	May-2019
Construction		Dec-2021
Commissioning	May-2022	Jun-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under construction. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. The project is under construction.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Compressor Station Kipi

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Hellenic Gas Transmission System  
Operator S.A.

### PCI number

6.8.1

### EU TYNDP 2018 project code

TRA-N-128

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Greece

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.desfa.gr/en/national-natural-gas-system/development-of-the-nngs/european-union-list-of-projects-of-common-interest>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2016-06-30

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	On time	Oct-2023
2020	Under consideration	On time	Mar-2024
2019	Under construction	Rescheduled	Jan-2020

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	15.0			0
2020	15.0			
2019	70.0			

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Update of Feasibility study; STUDY: technical feasibility

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2022	May-2022
Permit granting	Jul-2021	Dec-2021
Construction		
Commissioning	Jul-2023	Oct-2023

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is planned but not yet in permitting. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. The project has been approved by the regulator, its FID will be taken in July 2021. The project's COD will be in Oct. 2023.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Rehabilitation, Modernization and Expansion of the NTS

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Bulgartransgaz EAD

### PCI number

6.8.2

### EU TYNDP 2018 project code

TRA-F-298

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Bulgaria

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.bulgartransgaz.bg/en/pages/rehabilitaciya-modernizaciya-i-razshirenie-na-sashtestvuvash-133.html>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2013-06-10

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	On time	Jun-2022
2020	Under construction	On time	Jun-2022
2019	Permitting	Delayed	May-2022

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	340.0			195
2020	339.6	7		
2019	339.6	7	57.83	

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Activities in regards to Phase 2.; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction; Commissioning

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Apr-2013	Jun-2020
Permit granting	Sep-2009	Feb-2021
Construction	Sep-2014	May-2022
Commissioning	Dec-2020	Jun-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Interconnection Bulgaria - Serbia

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

IBS Future Operator

### PCI number

6.8.3

### EU TYNDP 2018 project code

TRA-F-137

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Bulgaria

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.bulgartransgaz.bg/en/pages/6-8-3-mezhdusistemna-gazova-vrazka-balgariya-sarbiya-ibs-191.html>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2013-06-10

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	On time	May-2022
2020	Permitting	Delayed	May-2022
2019	Permitting	Delayed	Sep-2024

**Main reason for rescheduling/delay:**

Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	81.0			0.094
2020	48.0			
2019	49.0			

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Tendering

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Nov-2020	Jan-2021
Permit granting	Mar-2020	Apr-2021
Construction	Apr-2021	May-2022
Commissioning	May-2022	May-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# LNG terminal in northern Greece / Alexandroupolis - Pipeline Section

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

GASTRADE SA

### PCI number

6.9.1

### EU TYNDP 2018 project code

TRA-N-63

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Greece

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[www.gastrade.gr](http://www.gastrade.gr)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

N/A

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2020-04-24

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Delayed	Dec-2023
2020	Permitting		Dec-2022
2019	Permitting	Delayed	Sep-2024

**Main reason for rescheduling/delay:**

Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	110.0	10 / 10		1
2020				
2019			350	

**Progress of costs during the reporting period / Reasons for changes:**

Difference in CAPEX between 2019 submission and this submission is € 30 mil (€ 80 mil. previous submission vs. € 110 mil. this submission). The change in CAPEX reflects the actual offer of the preferred bidder as per the completed relevant tender. The 2019 submission was based on the FEED prepared by the Owner's Engineer in 2017 as at the time, the tender was not completed. The update figure, based on the actual offer from top class provider, represents a fully relevant and credible evidence. The Pipeline Section budget should be viewed in conjunction with the budget of the LNG Section of the Project. The overall budget of the Project in this submission is lower by € 15 mil from the previous submission.



## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Tendering; Preparatory works for construction (e.g. land preparation)

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2021	Jul-2022
Permit granting	Dec-2010	Jan-2015
Construction	Jul-2021	Oct-2023
Commissioning	Dec-2023	Dec-2023

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is planned but not yet in permitting. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. When assessing this project it is important to consider the fact that gas originating from Russia reaches the Sidirokastro Entry Point through Turkey since the Ukrainian Route has been deactivated. Costs of the project are seen as credible. The project has obtained a Independent Natural Gas System License and has been granted exemption from Art 32 of the Gas Directive only for the part of the capacity that has been booked through the Market Test. Exemption was also granted from Art 41 par. 6, 8 and 10 of the Gas Directive for the total capacity for a period of 25 years. Currently, the Greek law does not foresee a National Network Development Plan for natural gas. Only DESFA SA, the TSO of the NNGS, is obliged to submit a TYNDP, which is approved by the NRA.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Metering and Regulating Station at Alexandroupoli

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Hellenic Gas Transmission System Operator S.A.

### PCI number

6.9.1

### EU TYNDP 2018 project code

TRA-N-1090

### Project category

Transmission line

### Priority corridor

NSIE

### Hosting countries

Greece

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.desfa.gr/en/national-natural-gas-system/development-of-the-nngs/european-union-list-of-projects-of-common-interest>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2020-04-24

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	On time	Sep-2023
2020	Under consideration	On time	Mar-2024
2019	Permitting	On time	Dec-2021

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	13.0			0
2020	10.0			
2019	9.5			

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

After the inclusion of the project in the NDP and its subsequent approval by the Regulator DESFA proceeded to the signing of an advanced reservation for capacity allocation with the promoter of the FSRU in Alexandroupolis, a procedure stipulated by the Network Code of the transmission system. ; Public consultation; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2022	Jul-2022
Permit granting	Jul-2021	Feb-2022
Construction		
Commissioning	Sep-2023	Sep-2023

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is planned but not yet in permitting. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. It is really important when assessing this project to take into consideration the fact that Gas originating from Russia reaches the Sidirokastro entry point through Turkey since the Ukrainian Route for Greece has been deactivated. Costs of the project are seen as credible. The project has been approved by the regulator, the project was granted exemption from Art 32 of the Gas Directive only for the part of the capacity that has been booked through the Market Test. Exemption was also granted from Art 41 par. 6,8 and 10 of the Gas Directive for the total capacity for a period of 25 years. Currently, the Greek law does not foresee a National Network Development Plan for natural gas. Only DESFA SA, the TSO of the NNGS, is obliged to submit a TYNDP, which is approved by the NRA. This project has received an Independent Natural Gas System license from the Regulator.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# LNG terminal in northern Greece / Alexandroupolis - LNG Section

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

GASTRADE SA

### PCI number

6.9.1

### EU TYNDP 2018 project code

LNG-N-62

### Project category

LNG terminal

### Priority corridor

NSIE

### Hosting countries

Greece

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[www.gastrade.gr](http://www.gastrade.gr)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

N/A

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2020-04-24

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Delayed	Dec-2023
2020	Permitting		Dec-2022
2019	Permitting	Delayed	Sep-2024

**Main reason for rescheduling/delay:**

Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	225.0	10 / 10		2.166
2020				
2019			350	

**Progress of costs during the reporting period / Reasons for changes:**

Difference in CAPEX between 2019 submission and this submission is € -45 mil (€ 270 mil. previous submission vs. € 225 mil. this submission). The total CAPEX has changed following submission of actual offers of the preferred bidders as per completed tenders. The offers submitted by the preferred bidders were as follows (in mil. €): FSRU € 210, Mooring (D&P) € 15 (budget), Total (excl. other costs and contingencies) € 225 vs. € 270 in the FEED budget. The above figures, for item 1 is based on the actual offer from top class provider. The budgeted figure of € 15 mil for the Design and Procurement of the Mooring system is an anticipated level of the best offer based on real offers, submitted to the Company (as an option) within the context of the Fixed Structures EPCI tender. Hence both represent fully relevant and credible evidence. The LNG Section budget should be viewed in conjunction with the budget of the Pipeline Section of the Project. The overall budget of the Project has been reduced by € 15 mil.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Tendering; Preparatory works for construction (e.g. land preparation)

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2021	Jul-2022
Permit granting	Dec-2010	Jan-2015
Construction	Jul-2021	Oct-2023
Commissioning	Dec-2023	Dec-2023

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is planned but not yet in permitting. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. It is important when assessing this project to consider the gas originating from Russia reaches the Sidirokastro Entry Point through Turkey since The Ukrainian Route for Greece has been deactivated. Costs of the project are seen as credible. The project has concluded its Market Test. Currently, the Greek law does not foresee a National Network Development Plan for natural gas. Only DESFA SA, the TSO of the NNGS, is obliged to submit a TYNDP, which is approved by the NRA. Therefore, the project "LNG terminal in northern Greece/Alexandroupolis – LNG section" (LNG-N-0062) is not included in a NDP but has received an Independent Natural Gas System license from RAE. The project has been granted exemption from Art 32 of the Gas Directive only for the part of the capacity that has been booked through the Market Test. Exemption was also granted from Art 41 par. 6,8 and 10 of the Gas Directive for the total capacity for a period of 25 years.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# South Caucasus Pipeline - (Future) Expansion - SCP-(F)X

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

SOCAR Midstream Operations Ltd.

### PCI number

7.1.1

### EU TYNDP 2018 project code

TRA-F-1138

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Azerbaijan

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[www.socarmidstream.az](http://www.socarmidstream.az)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

Not applicable

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is not included in the NDP of any of the hosting EU Member States

### Reason for non-inclusion:

Other

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	Rescheduled	Mar-2026
2020	Under consideration	Rescheduled	Mar-2025
2019	Permitting		Mar-2020

### Main reason for rescheduling/delay:

Technical issues; Other Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	849.0		0	0
2020	1047.0			
2019	635.0			

### Progress of costs during the reporting period / Reasons for changes:

Not applicable

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	May-2022	Sep-2022
Permit granting	Apr-2022	Jul-2022
Construction	Sep-2023	Sep-2025
Commissioning	Oct-2024	Mar-2026

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Trans-Caspian

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

W-Stream Caspian Pipeline Company Ltd

### PCI number

7.1.1

### EU TYNDP 2018 project code

TRA-N-339

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Turkmenistan, Azerbaijan

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.w-stream-transcaspian.com>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is not included in the NDP of any of the hosting EU Member States

### Reason for non-inclusion:

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	Delayed	Dec-2022
2020	Planned but not yet in permitting	Delayed	Dec-2022
2019	Under construction	Delayed	Oct-2020

### Main reason for rescheduling/delay:

Delays due to financing reasons; Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	1,500.0	30 / 30	2800	4
2020	1500.0	30	2800	
2019	1500.0	30	2800	

### Progress of costs during the reporting period / Reasons for changes:



## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The CEF grant for the Pre-FEED was awarded in January 2018. The TCP promoter company signed a Grant Agreement with the INEA of the European Commission in May, 2018. The Grant co-funds the Pre-FEED, Reconnaissance Surveys and Strategic and Economic Evaluations of the Trans-Caspian Pipeline. The European Union was funding 50 per cent of study's estimated cost of 3,743,450. For the Pre-FEED, a number of preparatory works and actions have been undertaken. INEA made a prepayment transfer in amount of Euro 751 000, but the process was halted by confusion created when a shorter, smaller variant of the pipeline (see Reply to 38.) was given greater attention, independent of the promoters efforts and activities. Work for both Pre-FEED and FEED studies has begun in response to the new CEF call for submissions.; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2021	Dec-2021
Permit granting	Nov-2020	Dec-2021
Construction	Jun-2022	Dec-2022
Commissioning	Dec-2022	Dec-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Trans Adriatic Pipeline

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Trans Adriatic Pipeline AG

### PCI number

7.1.3

### EU TYNDP 2018 project code

TRA-F-51

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Greece, Italy, Albania

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.tap-ag.com/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

A major challenge that TAP has successfully undertaken in 2020 was managing to reach completion of the pipeline, which enabled the start of commercial operations on 15 November 2020 as well as the transport of first flows of gas on 31 December 2020. In spite of a year heavily marked by the effects of the COVID-19 pandemic, TAP achieved these important milestones in line with the project schedule, while preserving the health and safety of all personnel, contractors and collaborators.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is not included in the NDP of any of the hosting EU Member States

### Reason for non-inclusion:

TAP Project is being developed on a standalone basis, independently from the national development plans of the national natural gas transmission systems of Greece, Italy and Albania.

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Commissioned	On time	Oct-2020
2020	Under construction	On time	Oct-2020
2019	Permitting	On time	Jun-2023

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	5,200.0			4900
2020	5200.0			
2019	5400.0			

### Progress of costs during the reporting period / Reasons for changes:

N/A

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

On 15 November 2020, four and a half years after the inauguration of construction works in Thessaloniki, TAP began commercial operations. A diverse team of industry professionals worked diligently and effectively under challenging conditions to safely deliver a strategic piece of energy infrastructure on schedule. On 31 December 2020, TAP started transporting the first molecules of Shah Deniz gas to Europe, to the Italian, Bulgarian and Greek markets. ; STUDY: environmental; STUDY: spatial planning; Identification of alternative solutions / site identification; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Tendering; Construction; Commissioning

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2006	Dec-2007
Permit granting	Sep-2011	Oct-2020
Construction	May-2016	Oct-2020
Commissioning	Oct-2019	Oct-2020

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project has been commissioned on 2020-12-01. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. The project has received an Independent Natural Gas System License from the regulator and has been commissioned. Currently, the Greek law does not foresee a National Network Development Plan for natural gas. Only DESFA SA, the TSO of the NNGS, is obliged to submit a TYNDP, which is approved by the NRA. The Project has obtained a license and has been exempted from certain articles of GD (9,32,41(6),(8),(10)).

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Metering and Regulating station at Nea Messimvria

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Hellenic Gas Transmission System  
Operator S.A.

### PCI number

7.1.3

### EU TYNDP 2018 project code

TRA-F-941

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Greece

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.desfa.gr/en/national-natural-gas-system/development-of-the-nngs/european-union-list-of-projects-of-common-interest>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2015-11-27

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Commissioned	On time	Dec-2020
2020	Under construction	On time	Dec-2020
2019	Permitting	Delayed	Jun-2023

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	12.0	0 / 0		12
2020	12.0	0		
2019	12.0	0		

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction; Commissioning

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2019	Jul-2020
Permit granting	Aug-2018	Jul-2019
Construction		
Commissioning	Oct-2020	Dec-2020

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project has been commissioned on 2020-12-01. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. The projected has commenced operation.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Compressor station at Nea Messimvria

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Hellenic Gas Transmission System  
Operator S.A.

### PCI number

7.1.3

### EU TYNDP 2018 project code

TRA-N-971

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Greece

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.desfa.gr/en/national-natural-gas-system/development-of-the-nngs/european-union-list-of-projects-of-common-interest>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2019-08-01

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	On time	Feb-2024
2020	Planned but not yet in permitting	On time	Jun-2023
2019	Permitting	On time	Jun-2023

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	30.0			0
2020	30.0			
2019	60.0	10		

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

During the specific time period, the award of the tender for the basic design study was performed.; Tendering

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2022	Jun-2022
Permit granting	Jun-2020	Dec-2021
Construction		
Commissioning	Dec-2023	Feb-2024

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is planned but not yet in permitting. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. Status must be upgraded to advanced.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# TAP interconnection\*\*\*

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Snam Rete Gas

### PCI number

7.1.3

### EU TYNDP 2018 project code

TRA-F-1193

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Italy

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[https://www.snam.it/export/sites/snam-rp/repository-srg/file/it/business-servizi/Processi\\_Online/Allacciamenti/informazioni/piano-decennale/pd\\_2020\\_2029/SRG-Piano-Decennale-2020-2029.pdf](https://www.snam.it/export/sites/snam-rp/repository-srg/file/it/business-servizi/Processi_Online/Allacciamenti/informazioni/piano-decennale/pd_2020_2029/SRG-Piano-Decennale-2020-2029.pdf)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

no technical changes

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2016-10-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

Other

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Commissioned	On time	Nov-2020
2020	Under construction	On time	Dec-2020
2019	Permitting		Sep-2024

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	298.0			265
2020	298.0	10		
2019				

**Progress of costs during the reporting period / Reasons for changes:**

Not applicable

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The project has been commissioned in November 2020.; Construction; Commissioning



## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Apr-2015	May-2018
Permit granting	Nov-2015	May-2018
Construction	Jan-2019	Sep-2020
Commissioning	Sep-2020	Nov-2020

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Do not plan to submit a CBCA in the future.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. According to the regulatory framework currently applied in Italy, the project would be entitled to receive a premium on the regulated allowed rate of return (WACC). No intentions to apply in the future.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Metering and Regulating station at Megalopoli

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Hellenic Gas Transmission System  
Operator S.A.

### PCI number

7.3.1

### EU TYNDP 2018 project code

TRA-N-1091

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Greece

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.desfa.gr/en/national-natural-gas-system/development-of-the-nngs/european-union-list-of-projects-of-common-interest>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is not included in the NDP of any of the hosting EU Member States

### Reason for non-inclusion:

The inclusion of the project in the NDP depends on the advancement of a much larger project promoted by others (East-Med pipeline) for which no FID has been taken yet. Therefore at this stage the project of the metering regulating station is not in DESFAs NDP.

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under consideration	On time	Dec-2025
2020	Under consideration	On time	Dec-2025
2019	Permitting	Rescheduled	Mar-2020

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	8.0			0
2020	7.0			
2019	7.5			

### Progress of costs during the reporting period / Reasons for changes:

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No activity was performed in the specified reporting period

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2023	Nov-2023
Permit granting	Jan-2023	Nov-2023
Construction		
Commissioning	Nov-2025	Dec-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is NOT included in the NDP of any of the hosting EU Member States. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# EastMed Pipeline

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Natural Gas Submarine Interconnector  
Greece-Italy Poseidon S.A

### PCI number

7.3.1

### EU TYNDP 2018 project code

TRA-N-330

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Greece, Cyprus

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[www.igi-poseidon.com](http://www.igi-poseidon.com)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

The Project Promoter has studied ways to optimize the EastMed's technical configuration to accommodate all the different sources in the Levantine Basin, considering their respective development plans. In addition ways to enable the delivery of hydrogen are being assessed, including the identification of the necessary technical improvements to be considered during the engineering of the system.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is not included in the NDP of any of the hosting EU Member States

### Reason for non-inclusion:

No NDP exists in the country nor the operators are required to prepare and publish a NDP. The project is developed by a third party promoter. The Greek NDP does not make provisions for the inclusion of third-party promoted projects. Cyprus does not have a NDP

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	On time	Dec-2025
2020	Planned but not yet in permitting	On time	Mar-2025
2019	Under construction	On time	Sep-2018

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	5,200.0	30 / 30	6439	4
2020	5200.0	30	6439	
2019	5200.0	30	6439	

### Progress of costs during the reporting period / Reasons for changes:

With regard to the definition provided - that a difference is an amount that exceeds 3% of the previous forecast given - there is no difference to report

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; Identification of alternative solutions / site identification;  
Preparation of permitting files, contracts and other documents; Tendering

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Dec-2021	Jun-2022
Permit granting	Sep-2020	Dec-2021
Construction	Jan-2022	Dec-2024
Commissioning	Jan-2025	Dec-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is NOT included in the NDP of any of the hosting EU Member States. The project is under consideration.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Poseidon Pipeline

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Natural Gas Submarine Interconnector  
Greece-Italy Poseidon S.A

### PCI number

7.3.3

### EU TYNDP 2018 project code

TRA-N-10

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Greece

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://igi-poseidon.com/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

IGI Poseidon is carrying out a technical assessment to maximize the project's potential to transport hydrogen. The related design activity is currently in progress with the contribution of leading firms specialized in the sector.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2013-02-27

The PCI is only partially included in the relevant NDP(s) (i.e. only some of the investments are included or only in the NDP of some of the hosting EU Member States)

### Reason for non-inclusion:

No NDP exists in the country nor the operators are required to prepare and publish a NDP. Poseidon pipeline (Italian Ten Year development plan of the Natural Gas System 2020-2029)

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	On time	Oct-2025
2020	Permitting	On time	Dec-2023
2019	Under construction	On time	Sep-2018

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	1,096.0	15 / 15	1617	1
2020	1096.0	15	1617	
2019	1096.0	15	1617	

**Progress of costs during the reporting period / Reasons for changes:**

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Regarding tendering, the Italian EPC contract for the metering station in Otranto has been already awarded and the remaining tenders for the construction are in the process of awarding. ; STUDY: environmental; Preparation of permitting files, contracts and other documents; Tendering

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2018	Jul-2019
Permit granting	Jul-2022	Jul-2023
Construction		
Commissioning	Oct-2023	Oct-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

The PCI is NOT included in the NDP of any of the hosting EU Member States. The project is under consideration. The project promoter will probably apply for an exemption.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Development for new import from the South (Adriatica Line)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Snam Rete Gas

### PCI number

7.3.4

### EU TYNDP 2018 project code

TRA-N-7

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Italy

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[https://www.snam.it/export/sites/snam-rp/repository-srg/file/it/business-servizi/Processi\\_Online/Allacciamenti/informazioni/piano-decennale/pd\\_2020\\_2029/SRG-Piano-Decennale-2020-2029.pdf](https://www.snam.it/export/sites/snam-rp/repository-srg/file/it/business-servizi/Processi_Online/Allacciamenti/informazioni/piano-decennale/pd_2020_2029/SRG-Piano-Decennale-2020-2029.pdf)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical changes

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2014-03-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

Other

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under consideration	Rescheduled	Jun-2028
2020	Under consideration	Rescheduled	Jun-2027
2019	Permitting	Rescheduled	Jun-2023

**Main reason for rescheduling/delay:**

Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	1,565.0	30 / 30		67
2020	1596.0	30		
2019	1384.0	30		

**Progress of costs during the reporting period / Reasons for changes:**

Differences due to the updating of cost estimation

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents



## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Dec-2006	Nov-2011
Permit granting	Jan-2005	Jan-2025
Construction		
Commissioning	Jun-2028	Jun-2028

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. The project could be subject to specific incentives as envisaged with the regulatory framework applied in Italy. No intentions to apply in the future.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Matagiola - Massafra pipeline

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Snam Rete Gas

### PCI number

7.3.4

### EU TYNDP 2018 project code

TRA-N-1195

### Project category

Transmission line

### Priority corridor

SGC

### Hosting countries

Italy

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[https://www.snam.it/export/sites/snam-rp/repository-srg/file/it/business-servizi/Processi\\_Online/Allacciamenti/informazioni/piano-decennale/pd\\_2020\\_2029/SGR-Piano-Decennale-2020-2029.pdf](https://www.snam.it/export/sites/snam-rp/repository-srg/file/it/business-servizi/Processi_Online/Allacciamenti/informazioni/piano-decennale/pd_2020_2029/SGR-Piano-Decennale-2020-2029.pdf)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical changes

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2016-10-31

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

Other

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Planned but not yet in permitting	Rescheduled	Jun-2028
2020	Planned but not yet in permitting	Rescheduled	Jun-2027
2019	Permitting		Mar-2022

**Main reason for rescheduling/delay:**

Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	305.0	30 / 30		0
2020	309.0	30		
2019				

**Progress of costs during the reporting period / Reasons for changes:**

Differences due to the updating of costs estimation

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Identification of alternative solutions / site identification

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jun-2021	Dec-2024
Permit granting	Jul-2022	Mar-2025
Construction		
Commissioning	Jan-2026	Jun-2028

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. The project could be subject to specific incentives as envisaged by the regulatory framework applied in Italy. No intentions to apply in the future.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Cyprus Gas2EU

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

MECIT - Ministry of Energy, Commerce,  
Industry and Tourism

### PCI number

7.5

### EU TYNDP 2018 project code

LNG-N-1146

### Project category

LNG terminal

### Priority corridor

SGC

### Hosting countries

Cyprus

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://www.cyprusgas2eu.eu>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

### INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2020-01-10

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

#### Reason for non-inclusion:

The investment was included in the National Energy and Climate Plan for the years 2021 to 2030. Currently there is no NDP of the TSO Gas.

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	Rescheduled	Dec-2022
2020	Permitting	Rescheduled	Dec-2022
2019	Permitting		Mar-2020

#### Main reason for rescheduling/delay:

Supply side changes/ uncertainties; Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	307.6			73.94
2020	312.0			
2019				

#### Progress of costs during the reporting period / Reasons for changes:

In October 2017, the project was estimated to be around 253 million Euro. In October 2018, the tender was announced by the Natural Gas Infrastructure Company (ETYFA) LTD of Cyprus for the construction of the Cyprus LNG Import Terminal in Vasilikos area and on 13 December 2019, after the evaluation of the tenders, the successful tender was awarded to the consortium mentioned above for the total cost of approx 289 million Euro. In addition to the above, the following additional costs are anticipated for works and other related services. As per contracted values: 1. Owners Engineer: 7,2 million Euro, 2. Interest during construction: 4 million Euro, 3. Phosphogypsum lagoon remediation: 3,9 million Euro, 4. Other expenses 3.5million Euro. The CBA under consideration was the initial one prepared and submitted to the regulatory authority in 2017.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; Preparation of permitting files, contracts and other documents; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Sep-2020	Jun-2021
Permit granting	Sep-2020	Dec-2022
Construction	Sep-2020	Dec-2022
Commissioning	Dec-2022	Dec-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. The promoters have not decided yet on the intentions for the future.
CBCA <sup>2</sup>	Project promoter did not submit an investment request during the reporting period. Not decided yet on intentions to submit a CBCA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. Not decided yet on intentions to apply for specific incentives.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Enhancement of Latvia-Lithuania interconnection (Lithuania's part)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

AB Amber Grid

### PCI number

8.2.1

### EU TYNDP 2018 project code

TRA-N-342

### Project category

Transmission line

### Priority corridor

BEMIP

### Hosting countries

Lithuania

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[www.ambergrid.lt/en/transmission-system/development-of-the-transmission-system/enhancement-Latvia-Lithuania-interconnection](http://www.ambergrid.lt/en/transmission-system/development-of-the-transmission-system/enhancement-Latvia-Lithuania-interconnection)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

There has been no technical changes so far.

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2013-10-25

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	On time	Dec-2023
2020	Planned but not yet in permitting	On time	Dec-2023
2019	Permitting	Rescheduled	Mar-2020

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	5.0		5	0
2020	5.0		0	
2019	4.7		0	

**Progress of costs during the reporting period / Reasons for changes:**

Nothing to inform

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

13 July 2020 the contract for Basic Engineering design was signed. It will be finalized by the end of 2021.; Public consultation; Preparation of permitting files, contracts and other documents

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2020	Sep-2021
Permit granting	Jul-2020	Sep-2021
Construction	Jan-2022	Dec-2023
Commissioning	Dec-2023	Dec-2023

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is planned but not yet in permitting. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. The CBCA decision is already made.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Enhancement of Latvia-Lithuania interconnection (Latvian part)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

JSC Conexus Baltic Grid

### PCI number

8.2.1

### EU TYNDP 2018 project code

TRA-N-382

### Project category

Transmission line

### Priority corridor

BEMIP

### Hosting countries

Latvia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.conexus.lv/ipgk-modernizacijas-projekti-eng>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major changes

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2020-07-02

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

### Reason for non-inclusion:

The project is included in NDP of Latvia for 2021-2027 - Measure No. 318 "Enhancing energy security and independence, and moving towards full integration of energy markets", Direction No.90 and included into National Energy and Climate plan of Latvia 2021-2030. Please find NDP measures here – [https://www.pkc.gov.lv/sites/default/files/inline-files/NAP2027\\_\\_ENG.pdf](https://www.pkc.gov.lv/sites/default/files/inline-files/NAP2027__ENG.pdf) and detailed information about investments and investment directions - Direction No.90 or in Latvian please find it here and select based on "Pasakuma nr." ([https://www.pkc.gov.lv/sites/default/files/inline-files/NAP2027\\_indikat%C4%ABvie\\_invest%C4%ABciju\\_projekti\\_EXSEL.xlsx](https://www.pkc.gov.lv/sites/default/files/inline-files/NAP2027_indikat%C4%ABvie_invest%C4%ABciju_projekti_EXSEL.xlsx)).

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	On time	Dec-2023
2020	Permitting	On time	Dec-2023
2019	Permitting	Rescheduled	Jun-2023

**Main reason for rescheduling/delay:**

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	5.5	10 / 10	6	2.115
2020	6.0	10	6	
2019	5.7	10	5.201	

### Progress of costs during the reporting period / Reasons for changes:

The feasibility study performed in Y2018 proved, that there is no need of building new pipeline, but necessary capacity enhancement could be reached by increasing pressure with infrastructure rebuilding in Latvian transmission system. The CAPEX of 5.5 MEUR relates to the necessary activities for the pressure increase. The compressor station is not included in the project scope.



## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: socio-economic feasibility; Preparation of permitting files, contracts and other documents; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction; Commissioning

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jun-2019	Dec-2021
Permit granting	Jun-2019	Dec-2021
Construction	Mar-2020	Dec-2023
Commissioning	Dec-2020	Dec-2023

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under construction. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. PUC took decision on project investments on 30.05.2019, and has been approved CBCA. So far incentives or exemptions have not been requested.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Enhancement of Incukalns UGS

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

JSC Conexus Baltic Grid

### PCI number

8.2.4

### EU TYNDP 2018 project code

UGS-N-374

### Project category

Underground storage

### Priority corridor

BEMIP

### Hosting countries

Latvia

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.conexus.lv/ipgk-modernizacijas-projekti-eng/pci-projekts-824-kapitalieguldijumu-pieprasijums-incukalns-ugs-attistibai>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical changes

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2020-07-02

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

### Reason for non-inclusion:

The project is included in NDP of Latvia for 2021-2027 - Measure No. 318 "Enhancing energy security and independence, and moving towards full integration of energy markets", Direction No.90 and included into National Energy and Climate plan of Latvia 2021-2030. Please find NDP measures here – [https://www.pkc.gov.lv/sites/default/files/inline-files/NAP2027\\_\\_ENG.pdf](https://www.pkc.gov.lv/sites/default/files/inline-files/NAP2027__ENG.pdf) and detailed information about investments and investment directions - Direction No.90 or in Latvian please find it here and select based on "Pasakuma nr." ([https://www.pkc.gov.lv/sites/default/files/inline-files/NAP2027\\_indikat%C4%ABvie\\_invest%C4%ABciju\\_projekti\\_EXSEL.xlsx](https://www.pkc.gov.lv/sites/default/files/inline-files/NAP2027_indikat%C4%ABvie_invest%C4%ABciju_projekti_EXSEL.xlsx)).

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	On time	Dec-2025
2020	Under construction	On time	Dec-2025
2019	Under construction	Rescheduled	Oct-2020

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	88.0	10 / 10	88	15.461
2020	88.0	10	88	
2019	130.9	10		

### Progress of costs during the reporting period / Reasons for changes:

There are no difference

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction and commissioning of the new Gas Collection Point (GCP) - tenders has been launched and contracts signed on new GCP design as well as main technological equipment deliveries for the new GCP. Enhancement of 36 wells - enhancement of 9 wells works completed and put into operation (6 wells in 2019, 3 wells in 2020). For other wells - all necessary sets of equipment to ensure enhancement are delivered according to signed contracts. Tender contract for the construction works is signed. Installation of gas compression unit and upgrade of the existing reciprocating gas compression units - tender procedure on development on construction design for new gas compressor unit has been launched and contract signed. Tender procedures started and contracts signed on design, production, equipment deliveries and installation supervision of strengthening of existing 5 gas compression units. ; Preparation of permitting files, contracts and other documents; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction; Commissioning

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Oct-2018	Dec-2022
Permit granting	Jun-2018	Dec-2020
Construction	Dec-2018	Dec-2025
Commissioning	Dec-2019	Dec-2025

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under construction. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. PUC took decision on project investments on 04.10.2018. and has been approved CBCA. So far incentives or exemptions have not been requested.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Nybro-Interconnector PL-DK - reinforcement

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Energinet.dk

### PCI number

8.3.1

### EU TYNDP 2018 project code

TRA-N-780

### Project category

Transmission line

### Priority corridor

BEMIP

### Hosting countries

Denmark

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<https://www.baltic-pipe.eu/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is not included in the NDP of any of the hosting EU Member States

### Reason for non-inclusion:

- Energinet web-based report: "Infrastructure projects" <https://en.energinet.dk/Infrastructure-Projects> - Energinet "Security of Gas Supply Report" <https://en.energinet.dk/Gas/Security-of-Supply>

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Permitting	On time	Dec-2022
2020	Permitting	On time	Dec-2022
2019	Under construction	On time	Jan-2020

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	664.0			519
2020	629.0			
2019	629.0			

### Progress of costs during the reporting period / Reasons for changes:

Contract value and variations higher than previously estimated budget on main contractors.

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2018	Sep-2020
Permit granting	Dec-2017	Jul-2019
Construction	Mar-2020	Oct-2022
Commissioning	Dec-2022	Dec-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives. No intentions to apply in the future.

## NRA VIEWS

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Poland - Denmark interconnection (Baltic Pipe) - PL section

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Operator Gazociągów Przesyłowych Gaz-System S.A.

### PCI number

8.3.2

### EU TYNDP 2018 project code

TRA-N-271

### Project category

Transmission line

### Priority corridor

BEMIP

### Hosting countries

Poland

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[www.baltic-pipe.eu](http://www.baltic-pipe.eu)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

### Reason for non-inclusion:

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	On time	Oct-2022
2020	Permitting	On time	Oct-2022
2019	Permitting	On time	Jun-2023

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	724.0			180
2020	953.0			
2019	784.0			

### Progress of costs during the reporting period / Reasons for changes:

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Obtained of construction permits; Signed contract for construction works and deliveries; Started deliveries of pipes; Started construction; Preparatory works for construction (e.g. land preparation); Construction; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	May-2018	Aug-2020
Permit granting	Aug-2017	May-2020
Construction	Sep-2020	
Commissioning	Oct-2022	Oct-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under construction. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. In our opinion key problems affecting project development are limited access to labour and increased prices of construction, such as materials or services. Also the COVID pandemic causes significant difficulties to project promoter. Costs of the project are seen as credible. It is strategic infrastructural project which plays key role in security of supply and market integration therefore it is closely supervised and supported by national regulator in matter of preparation and implementation.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Poland - Denmark interconnection (Baltic Pipe) - onshore section in Poland

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Operator Gazociągów Przesyłowych Gaz-System S.A.

### PCI number

8.3.2

### EU TYNDP 2018 project code

TRA-N-1173

### Project category

Transmission line

### Priority corridor

BEMIP

### Hosting countries

Poland

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[www.baltic-pipe.eu](http://www.baltic-pipe.eu)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

### Reason for non-inclusion:

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	On time	Sep-2022
2020	Permitting	On time	Sep-2022
2019	Permitting		Dec-2022

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	399.0			16
2020	337.0			
2019				

### Progress of costs during the reporting period / Reasons for changes:

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Approval of all detailed engineering designs; Obtained all building permits; Signed contracts for construction works; Deliveries of pipes; Started construction works.; Preparatory works for construction (e.g. land preparation); Construction; Other



## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	May-2018	May-2020
Permit granting	Dec-2017	Feb-2020
Construction	Nov-2020	
Commissioning	Sep-2022	Sep-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter did not apply for specific risk-based incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under construction. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. In our opinion key problems affecting project development are limited access to labour and increased prices of construction, such as materials and services. Also the COVID pandemic causes significant difficulties to project promoter. Costs of the project are seen as credible. It is strategic infrastructural project which plays key role in security of supply and market integration therefore it is closely supervised and supported by national regulator in matter of preparation and implementation.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Gas Interconnection Poland-Lithuania (GIPL) - PL section

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

Operator Gazociągów Przesyłowych Gaz-System S.A.

### PCI number

8.5

### EU TYNDP 2018 project code

TRA-F-212

### Project category

Transmission line

### Priority corridor

BEMIP

### Hosting countries

Poland

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

<http://en.gaz-system.pl/nasze-inwestycje/integracja-z-europejski-systemem/polska-litwa/>

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

### Date of first inclusion in the NDP:

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

### Reason for non-inclusion:

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	Delayed	Sep-2022
2020	Permitting	On time	Dec-2021
2019	Permitting	Delayed	Mar-2020

### Main reason for rescheduling/delay:

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	390.0			113
2020	424.0			
2019	361.0			

### Progress of costs during the reporting period / Reasons for changes:

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

GAZ-SYSTEM signed all contracts for construction works at GIPL - Polish section. Northern section: subsection 1 – contract signed on 12/05/2020, subsection 2 – contract signed on 09/04/2020, subsection 3 - contract signed on 20/03/2020. Southern section: subsection 1 - contract signed on 31/07/2020 subsection 2 - contract signed on 29/07/2020. CS Gustorzyn: the building permission was successfully completed on 5/02/2020; contract for reconstruction of the energy network colliding with CS infrastructure signed on 25/02/2020; detailed Engineering design documentation approved on 21/05/2020; all contracts for Investor's deliveries (compressor sets, valves, etc.) and for supervision of investor's deliveries signed; contractors for construction works and Investor's supervision selected and the contracts signed. ; Tendering; Preparatory works for construction (e.g. land preparation); Construction; Other

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jun-2015	Nov-2019
Permit granting	Dec-2015	Oct-2019
Construction	Mar-2020	
Commissioning	Jan-2022	Sep-2022

## REGULATORY TREATMENT

Exemption <sup>1</sup>	
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter already applied for project specific risk-based incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under construction. Current progress of the project is: "Delayed". Based on current information provided by Gaz-System we are expecting commissioning date to be postponed to 2022. The project's implementation plan seems to be clear and valid. In our opinion key problems affecting project development are limited access to labour and increased prices of construction, such as materials or services. Also the COVID pandemic causes significant difficulties to project promoter. Costs of the project are seen as credible. It is strategic infrastructural project which plays key role in security of supply and market integration therefore it is closely supervised and supported by national regulator in matter of preparation and implementation.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013

# Gas Interconnection Poland-Lithuania (GIPL) (Lithuania's section)

PCI MONITORING 2021

## GENERAL DATA

### Project promoters

AB Amber Grid

### PCI number

8.5

### EU TYNDP 2018 project code

TRA-F-341

### Project category

Transmission line

### Priority corridor

BEMIP

### Hosting countries

Lithuania

### Reference date

31 January 2021

### Reporting period

1 February 2020 - 31 January 2021

### PCI website

[www.ambergrid.lt/en/projects/gas-interconnection-poland-lithuania-gipl](http://www.ambergrid.lt/en/projects/gas-interconnection-poland-lithuania-gipl)

## TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical changes so far

## INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

**Date of first inclusion in the NDP:** 2013-10-25

The PCI is fully included in all the relevant NDP(s) (i.e. included in the NDP of all of the hosting EU Member States)

**Reason for non-inclusion:**

## STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2021	Under construction	On time	Dec-2021
2020	Under construction	Delayed	Dec-2021
2019	Permitting	On time	Dec-2021

**Main reason for rescheduling/delay:**

Other

## COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2021	136.0		136	
2020	136.0		89	
2019	136.0		0	

**Progress of costs during the reporting period / Reasons for changes:**

Nothing to inform

## WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction

## CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2015	Sep-2016
Permit granting	Jul-2016	Sep-2016
Construction	Dec-2019	Dec-2021
Commissioning	Oct-2021	Dec-2021

## REGULATORY TREATMENT

Exemption <sup>1</sup>	Project promoter did not apply for any of the exemptions during the reporting period. Do not plan to apply in the future.
CBCA <sup>2</sup>	Project promoter has already submitted an investment request (CBCA) to the relevant NRA.
Project specific risk-based incentives <sup>3</sup>	Project promoter already applied for project specific risk-based incentives.

## NRA VIEWS

The PCI is fully included in all the relevant NDP(s). The project is under construction. Current progress of the project is: "On time". The project's implementation plan seems to be clear and valid. Costs of the project are seen as credible. The CBCA decision is already been made.

<sup>1</sup> Art. 12(9) and 13(1) of Reg. (EU) No 347/2013

<sup>2</sup> Art. 12 of Regulation (EU) No 347/2013

<sup>3</sup> Art. 13 of Regulation (EU) No 347/2013