

Connection of Malta to the European Gas Network - Pipelines

PCI MONITORING 2023

GENERAL DATA

Project promoters

InterConnect Malta

PCI number

5.19

EU TYNDP 2020 project code

TRA-N-031

Project category

Transmission line

Priority corridor

NSIW

Hosting countries

Malta, Italy

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

In Jan 2022, a number of studies started being conducted to upgrade the design of the pipeline to allow the transportation of pure hydrogen and blends of renewable gases / NG. These studies included the updating of the front-end engineering design and financial engineering studies, and should be finalised by mid-2023.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 17/01/2012

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	On time	Sep-2028
2022	Permitting	Delayed	Sep-2028
2021	Permitting	Delayed	Jan-2026
2020	Permitting	Delayed	Jul-2025
2019	Permitting	On time	Sep-2024

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	438.0	15 / 15	469.0	8.0
2022	387.0	15 / 15	409.0	8.0
2021	387.0	15 / 15	409.0	7.0
2020	387.0	15 / 15	456.0	6.0
2019	414.5	30 / 30	41.0	1.9

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

Revision of CAPEX following the update of the front-end engineering design for pure hydrogen transmission. The increase in CAPEX is mostly attributed to the rise in inflation, with 11 million EUR (excluding inflation) attributed to upgrade the design for the transportation of pure hydrogen.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The EIA assessment in IT was completed with a positive outcome by the Ministry of Ecological Transition (MiTE) of IT in May 2022. The IT statutory permitting procedure was completed in Nov 2022 with the issuance of the IT Single Authorisation Decree. These studies for upgrading the PCI to transmit pure hydrogen commenced in early 2022 and are currently being finalised.; 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	Jun-2025	Feb-2026
Permit granting	Nov-2017	Nov-2022
Construction	Jan-2026	May-2028
Commissioning	May-2028	Sep-2028

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. A CBCA Decision was obtained in Jun 2019. A revised investment request may need to be submitted reflecting a hydrogen-ready pipeline for the scope of determining whether the CBCA decision of 2019 can be confirmed or otherwise.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has not decided yet on intentions to apply for specific incentives.

NOTES

The project promoter notes the difficulties are related to uncertainties on how the hydrogen network will develop. The NRA adds that the key problems the PCI is facing are related to financing and affordability.

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

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

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

Development of Transmission Capacity at Slovak-Hungarian interconnector

PCI MONITORING 2023

GENERAL DATA

Project promoters

FGSZ Ltd.

PCI number

6.2.13

EU TYNDP 2020 project code

TRA-N-524

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Hungary

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

https://fgsz.hu/file/documents/2/2091/20201130_fgsz_honlap_projektek_menuspont_nem_eu_halozatfejlesztési_projektek_husk_en.pdf

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 31/12/2014

The PCI is present as an "under consideration" project in all or some of the the relevant NDP(s)

Reason for non-inclusion:

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STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Under consideration	On time	Oct-2027
2022	Under consideration	Rescheduled	Oct-2027
2021	Under consideration	Rescheduled	Oct-2025
2020	Under consideration	Rescheduled	Oct-2024
2019	Under consideration	On time	Jan-2020

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	254.0	15 / 30	-	0.0
2022	254.0	-/-	-	0.0
2021	142.0	-/-	-	0.0
2020	217.0	-/-	-	0.0
2019	0.6	-/-	-	0.0

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

N/A

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	Jan-2024	Aug-2025
Permit granting	Jun-2024	Oct-2025
Construction	Dec-2025	Aug-2027
Commissioning	Sep-2027	Oct-2027

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter has not decided yet on the intentions to submit a CBCA.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has not decided yet on intentions to apply for specific incentives.

NOTES

The project promoter notes that new market survey will be carried out in July 2023 and a new national development proposal for the NRA in 2023. The NRA indicated the project is in status 'planned but not yet in permitting'.

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

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

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

Firm transmission capacity increase at the IP Veľké Zlievce

PCI MONITORING 2023

GENERAL DATA

Project promoters

Eustream, a.s.

PCI number

6.2.13

EU TYNDP 2020 project code

TRA-N-1235

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Slovakia

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

<https://www.eustream.sk/en/transparency/network-development/network-development-plans/>

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 30/11/2016

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Planned but not yet in permitting	On time	Sep-2024
2022	Planned but not yet in permitting	On time	Sep-2024
2021	Planned but not yet in permitting	On time	Sep-2024
2020	Planned but not yet in permitting	Rescheduled	Sep-2024
2019			

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	26.0	-/-	-	0.0
2022	26.0	-/-	-	0.0
2021	26.0	-/-	-	0.0
2020	26.0	-/-	-	0.0
2019				

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

N/A

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Internal analysis, preparatory activities connected to the FEED elaboration, market monitoring; 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 ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter has not decided yet on the intentions to submit a CBCA.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has not decided yet on intentions to apply for specific incentives.

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

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

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

Interconnector Greece-Bulgaria (IGB Project)

PCI MONITORING 2023

GENERAL DATA

Project promoters

Trans Adriatic Pipeline AG

PCI number

6.8.1

EU TYNDP 2020 project code

TRA-F-378

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Bulgaria, Greece

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 02/04/2011

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:

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
2023	Commissioned	On time	Oct-2022
2022	Permitting	Delayed	Jun-2022
2021	Permitting	Delayed	Jun-2022
2020	Permitting	Delayed	Jun-2021
2019	Permitting	Delayed	Dec-2020

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	244.9	-/-	221.0	221.4
2022	240.0	-/-	176.0	176.0
2021	240.0	-/-	-	103.0
2020	240.0	-/-	-	36.0
2019	240.0	-/-	-	17.0

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

Increase of gas prices, gas required for linepack

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Negotiations with landowners and land acquisition; Construction; Commissioning; Other

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Nov-2019	Jun-2021
Permit granting	Jan-2015	Dec-2018
Construction	Nov-2019	Sep-2022
Commissioning	Jun-2022	Oct-2022

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter does not plan to submit a CBCA.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

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

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

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

Compressor Station Kipi

PCI MONITORING 2023

GENERAL DATA

Project promoters

Hellenic Gas Transmission System Operator S.A.

PCI number

6.8.1

EU TYNDP 2020 project code

TRA-N-128

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Greece

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

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

In order to diversify the supply of IGB adding quantities from the Greek VTP export up to 5bcm from the Greek System to IGB (including the FSRU), with minimum delivery pressure of 70 barg, it is necessary to install additional compressor units. The project will be implemented in two phases. In phase A, three compressor units of 8,2MW each will be installed with a configuration of 2+1 (2 in operation and one stand-by unit), while in phase B an additional unit (4th CS unit) with the same characteristics will be installed; the relevant final configuration of the station will be 3+1 (3 in operation and one stand-by unit).

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 27/01/2017

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	Rescheduled	Jan-2025
2022	Planned but not yet in permitting	Rescheduled	Dec-2024
2021	Planned but not yet in permitting	On time	Oct-2023
2020	Under consideration	On time	Mar-2024
2019	Under consideration	Rescheduled	Dec-2020

Main reason for rescheduling/delay during the reporting period:

The project is rescheduled based on the timeline of the project taking into consideration the current phase and the necessary activities for procurement and construction.

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	99.0	-/-	-	5.9
2022	20.0	-/-	-	0.0

2021	15.0	-/-	-	0.0
2020	15.0	-/-	-	0.0
2019	70.0	-/-	-	0.0

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

Technical changes in the project in order to accommodate quantities from the Greek VTP export up to 5bcm from the Greek System to IGB.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The project is in the implementation phase. The Detailed Design and the Procurement phase are ongoing. More specifically, the award procedures for the procurement of the compressor units and the construction of the compressor station are completed. In Dec 2022, the Ministry of Energy approved the Renewal of Environmental Terms concerning the 3 compressor units (Phase A). The file for the approval of the Installation Permit was submitted in Feb 2023 to the Ministry of Energy. There is close cooperation with IPTO (ADMIE) for signing a contract for construction of the high-voltage power substation. The construction activities are going to commence by end-Apr 2023.

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Nov-2022	Feb-2024
Permit granting	Sep-2022	Oct-2024
Construction	Apr-2023	Jan-2025
Commissioning	Oct-2024	Jan-2025

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter has not decided yet on the intentions to submit a CBCA.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

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

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

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

Rehabilitation, Modernization and Expansion of the NTS

PCI MONITORING 2023

GENERAL DATA

Project promoters

Bulgartransgaz EAD

PCI number

6.8.2

EU TYNDP 2020 project code

TRA-F-298

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Bulgaria

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 10/06/2013

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

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

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	340.0	-/-	-	285.0
2022	340.0	-/-	-	283.0
2021	340.0	-/-	-	195.0
2020	340.0	7/7	-	140.0
2019	339.6	7/7	57.8	140.4

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

N/A

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The implemented activities refer to Phase 2 of the PCI.; Construction; Commissioning In 2022, the implementation of the rehabilitation/replacement of sections of the Northern semi-ring of the gas transmission network with overall length of 81 km was completed. In Jan 2022, the activities on the section Beglej - VA Dermantsi - VA Batultsi - VA Kalugerovo (58 km) ended with the commissioning of the last two stages of PF "Beglej" - VA "Dermantsi" (~19.9 km) and PF "Beglej". The activities under the contract for the rehabilitation/ replacement of a section of the gas transmission network PF "Valchi dol" - VA "Preselka" with a length of 23 km were completed, the section was commissioned in May 2022, and the optic line to it - in July 2022.

CURRENT IMPLEMENTATION PLAN

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

REGULATORY TREATMENT

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

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

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

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

Interconnection Bulgaria - Serbia

PCI MONITORING 2023

GENERAL DATA

Project promoters

Bulgartransgaz EAD

PCI number

6.8.3

EU TYNDP 2020 project code

TRA-N-137

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Bulgaria, Serbia

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

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

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 10/06/2013

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	In permitting	Delayed	Oct-2023
2022	Permitting	Delayed	Jun-2023
2021	Permitting	On time	May-2022
2020	Permitting	Delayed	May-2022
2019	Permitting	Delayed	May-2022

Main reason for rescheduling/delay during the reporting period:

The discrepancy compared to the commissioning date reported in 2022 is due to the fact that as of May 2022, there is a signed contract according to which an actual schedule is available and its timing is taken into account. The schedule is aligned with the progress of the Serbian part of the project and with CINEA (amendment of the GA signed).

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	81.0	-/-	-	4.4
2022	81.0	-/-	-	2.0
2021	81.0	-/-	-	0.1
2020	49.0	-/-	-	0.0
2019	49.0	-/-	-	0.0

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

N/A

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

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	May-2022	Dec-2022
Permit granting	Mar-2020	Aug-2023
Construction	Nov-2022	Sep-2023
Commissioning	Sep-2023	Oct-2023

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter has not decided yet on the intentions for the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter does not plan to submit a CBCA.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has not decided yet on intentions to apply for specific incentives.

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

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

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

UGS Chiren Expansion

PCI MONITORING 2023

GENERAL DATA

Project promoters

Bulgartransgaz EAD

PCI number

6.20.2

EU TYNDP 2020 project code

UGS-A-138

Project category

Underground storage

Priority corridor

NSIE

Hosting countries

Bulgaria

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

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

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 10/06/2013

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	On time	Dec-2024
2022	Permitting	On time	Dec-2024
2021	Permitting	On time	Jul-2024
2020	Permitting	Delayed	Dec-2026
2019	Permitting	Delayed	Dec-2025

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	318.0	-/-	-	10.0
2022	318.0	-/-	-	10.0
2021	318.0	-/-	-	9.0
2020	238.0	20 / 20	-	14.0
2019	238.0	20 / 20	3.1	13.6

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

N/A

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

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

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Mar-2021	Sep-2023
Permit granting	Feb-2021	Nov-2023
Construction	Jun-2023	Oct-2024
Commissioning	May-2024	Dec-2024

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter has not decided yet on the intentions for the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. Investment request was submitted in 2021.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has not decided yet on intentions to apply for specific incentives.

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

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

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

Metering and Regulating Station at UGS South Kavala

PCI MONITORING 2023

GENERAL DATA

Project promoters

Hellenic Gas Transmission System Operator S.A.

PCI number

6.20.3

EU TYNDP 2020 project code

TRA-N-1092

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Greece

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

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

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 24/04/2020

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Under consideration	Rescheduled	Dec-2027
2022	Under consideration	Rescheduled	Dec-2026
2021	Under consideration	On time	Dec-2023
2020	Under consideration	On time	Dec-2023
2019	Under consideration	Rescheduled	Dec-2023

Main reason for rescheduling/delay during the reporting period:

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 €)
2023	7.5	-/-	-	0.0
2022	7.5	-/-	-	0.0
2021	8.0	-/-	-	0.0
2020	7.0	-/-	-	0.0
2019	7.5	-/-	-	0.0

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

N/A

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	Mar-2027	Mar-2027
Permit granting	Jun-2025	Jun-2026
Construction	Jan-2027	Dec-2027
Commissioning	Dec-2027	Dec-2027

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter has not decided yet on the intentions to submit a CBCA.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

NOTES

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

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

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

South Kavala Underground Gas Storage facility

PCI MONITORING 2023

GENERAL DATA

Project promoters

Hellenic Republic Asset Development Fund S.A.

PCI number

6.20.3

EU TYNDP 2020 project code

UGS-N-385

Project category

Underground storage

Priority corridor

NSIE

Hosting countries

Greece

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

<https://hradf.com/en/south-kavala-underground-natural-gas-storage/>

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

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
2023	Under consideration	Delayed	Dec-2027
2022	Under consideration	Delayed	Dec-2026
2021	Under consideration	Delayed	Jul-2024
2020	Under consideration	Delayed	Dec-2023
2019	Under consideration	Rescheduled	Dec-2023

Main reason for rescheduling/delay during the reporting period:

Delay due to extension requests for the tender process as a result of additional time requested by the pre qualified investors to review the concession agreement and the later than expected issued tariff framework decision

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	361.0	-/-	-	0.0
2022	314.0	-/-	-	0.0
2021	300.0	-/-	-	0.0
2020	320.0	-/-	-	0.0
2019	320.0	-/-	-	0.0

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

Updated cost estimate including cushion gas

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Hellenic Republic Asset Development Fund (HRADF) conducts an international tender process for the selection of the concessionaire that will undertake to develop and operate the South Kavala UGS. Between Feb 2022 and Jan 2023, HRADF shared the draft concession agreement with the pre-qualified in order to review and comment ahead of the submission of the binding offers.; Other

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jun-2024	Dec-2024
Permit granting	Jun-2024	Jun-2025
Construction	-	-
Commissioning	Dec-2027	Dec-2027

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter has not decided yet on the intentions to submit a CBCA.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has not decided yet on intentions to apply for specific incentives.

NOTES

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

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

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

Depomures

PCI MONITORING 2023

GENERAL DATA

Project promoters

ENGIE Romania

PCI number

6.20.4

EU TYNDP 2020 project code

UGS-A-233

Project category

Underground storage

Priority corridor

NSIE

Hosting countries

Romania

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

www.depomures.ro

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical changes in the project compared to 31 Jan 2022.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 14/12/2018

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Under construction	Delayed	Mar-2027
2022	Under construction	Delayed	Dec-2026
2021	Under construction	Delayed	Dec-2026
2020	Under construction	Delayed	Mar-2025
2019	Under construction	Delayed	Mar-2024

Main reason for rescheduling/delay during the reporting period:

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 €)
2023	87.0	-/-	-	15.0
2022	87.0	-/-	-	15.0
2021	87.0	-/-	-	15.0
2020	87.0	-/-	-	15.0
2019	87.0	-/-	-	14.5

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

N/A

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The main activities performed were in connection to obtaining the necessary funding ;
Other

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2013	Dec-2013
Permit granting	Jun-2012	Dec-2023
Construction	Jul-2015	Dec-2026
Commissioning	Mar-2016	Mar-2027

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter submitted an investment request (CBCA).
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

NOTES

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

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

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

Bilciuresti daily withdrawal capacity increase

PCI MONITORING 2023

GENERAL DATA

Project promoters

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

PCI number

6.20.7

EU TYNDP 2020 project code

UGS-F-311

Project category

Underground storage

Priority corridor

NSIE

Hosting countries

Romania

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 22/06/2017

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	In permitting	Rescheduled	Jun-2027
2022	Under construction	On time	Dec-2025
2021			
2020			
2019			

Main reason for rescheduling/delay during the reporting period:

Changes in the overall planning data input (supply, demand and transmission) with consequent impact on the PCI benefits; Changes in the estimated project costs

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	141.0	2 / 2	187.0	21.5
2022	123.0	20 / 20	3.0	14.8
2021				
2020				
2019				

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

Update of prices according to market trends

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The project is being developed in stages in order not to affect the gas storage activity.
 ; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Tendering; Preparatory works for construction (e.g. land preparation); Construction

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2019	Jul-2025
Permit granting	May-2018	Dec-2023
Construction	Dec-2019	Apr-2027
Commissioning	Dec-2021	Jun-2027

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter has not decided yet on the intentions for the future.
CBCA ²	The project promoter submitted an investment request (CBCA).
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has not decided yet on intentions to apply for specific incentives.

NOTES

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

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

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

Development on the Romanian territory of the Southern Transmission Corridor

PCI MONITORING 2023

GENERAL DATA

Project promoters

SNTGN Transgaz SA

PCI number

6.24.4

EU TYNDP 2020 project code

TRA-A-362

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Romania

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

http://www.transgaz.ro/sites/default/files/Downloads/2016.0629 - conducta_marea_neagra - podisor - lb_ ro.pdf

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 17/12/2014

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	Delayed	Dec-2025
2022	Permitting	Delayed	Dec-2024
2021	Permitting	Delayed	Dec-2022
2020	Permitting	Delayed	Dec-2020
2019	Permitting	On time	Jul-2021

Main reason for rescheduling/delay during the reporting period:

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 €)
2023	493.9	10 / 10	-	9.1
2022	371.6	10 / 10	-	9.1
2021	371.6	10 / 10	-	9.1
2020	371.6	10 / 10	-	1.4
2019	360.4	10 / 10	-	1.0

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

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-2025
Commissioning	Nov-2025	Dec-2025

REGULATORY TREATMENT

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

NOTES

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

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

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

Romanian-Hungarian reverse flow Hungarian section 2nd stage

PCI MONITORING 2023

GENERAL DATA

Project promoters

FGSZ Ltd.

PCI number

6.24.4

EU TYNDP 2020 project code

TRA-A-377

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Hungary

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

https://fgsz.hu/file/documents/2/2090/20201130_fgsz_honlap_projektek_menuspont_nem_eu_halozatfejlesztési_projektek_rohu_en.pdf

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 31/12/2014

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Under consideration	On time	Oct-2027
2022	Under consideration	Rescheduled	Oct-2027
2021	Under consideration	Rescheduled	Oct-2024
2020	Under consideration	On time	Dec-2022
2019	Planned but not yet in permitting	On time	Sep-2022

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	153.0	-/-	-	0.0
2022	113.0	-/-	-	0.0
2021	4.0	-/-	-	0.0
2020	13.0	-/-	-	0.0
2019	11.0	-/-	-	0.0

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

Recalculation of CAPEX, a new pipeline is necessary due to changes in the regional gas

supply.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Updating existing feasibility study. ; Other

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jan-2024	Aug-2025
Permit granting	Jun-2024	Aug-2025
Construction	Sep-2025	Aug-2027
Commissioning	Sep-2027	Oct-2027

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter has not decided yet on the intentions to submit a CBCA.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has not decided yet on intentions to apply for specific incentives.

NOTES

Project promoter notes FGSZ and Transgaz agreed on higher capacity on the direction RO>HU using the existing systems in 2022. New market survey is expected in July 2023 and new national development proposal in 2023. The NRA notes gas transmission capacity towards Hungary at the RO-HU interconnection point has been increased from 1.75 bcm to 2.45 bcm by 1 October 2022 following the amendment of the interconnection agreement between the concerned TSOs that ensured an increased technical capacity.

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

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

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

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

PCI MONITORING 2023

GENERAL DATA

Project promoters

SNTGN Transgaz SA

PCI number

6.24.4

EU TYNDP 2020 project code

TRA-A-1322

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Romania

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

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: 17/12/2014

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	Delayed	Dec-2025
2022	Permitting	Delayed	Dec-2024
2021	Permitting	Delayed	Dec-2022
2020	Permitting	Delayed	Oct-2022
2019			

Main reason for rescheduling/delay during the reporting period:

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 €)
2023	74.5	-/-	-	2.0
2022	74.5	10/10	-	2.0
2021	74.5	10/10	-	2.0
2020	680.0	10/10	-	300.0
2019				

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

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-2023	Nov-2025
Commissioning	Nov-2024	Dec-2025

REGULATORY TREATMENT

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

NOTES

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

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

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

Interconnection Croatia/Slovenia (Lučko - Zabok - Rogatec)

PCI MONITORING 2023

GENERAL DATA

Project promoters

Plinacro Ltd

PCI number

6.26.1

EU TYNDP 2020 project code

TRA-N-86

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Croatia

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 31/07/2010

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	Rescheduled	Nov-2026
2022	Permitting	Rescheduled	Dec-2026
2021	Permitting	Rescheduled	Dec-2024
2020	Permitting	Rescheduled	Dec-2023
2019	Permitting	On time	Dec-2021

Main reason for rescheduling/delay during the reporting period:

Demand side changes/ uncertainties; Supply 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; Changes in the overall planning data input (supply, demand and transmission) with consequent impact on the PCI benefits; Other

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	147.0	-/-	-	1.6
2022	88.7	0 / 10	-	1.5
2021	88.7	0 / 10	-	1.5
2020	60.0	10 / 10	-	1.5
2019	60.0	10 / 10	-	1.5

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

Costs of the construction works, gas pipeline assembly works, and cost of the material (pipes). If the Lučko-Zabok-Rogatec project will be constructed as a natural gas pipeline from the start intended for H2 transport, Total Investment Cost is expected to be higher by 25%.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

The activities concerning preparation of documents for CEF funding application have been conducting. Those documents include CBA, Business plan and CBCA for the project.; Other

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Feb-2018	Jan-2019
Permit granting	Jul-2014	May-2021
Construction	Jun-2026	Oct-2026
Commissioning	Oct-2026	Nov-2026

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter plans to submit a CBCA. Relevant documents (CBA, Business Plan and CBCA) are being prepared and the promoter plans to submit an investment request to the relevant NRA in Apr 2023.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has not decided yet on intentions to apply for specific incentives.

NOTES

The relevant NRA notes the main issues the PCI is facing are related to uncertainties regarding market demand, final investment costs as well as the uncertainties regarding possible co-financing with EU financial support and on the related impact on national gas transmission tariffs. It also notes that the final investment decision has not yet been adopted.

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

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

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

CS Kidričevo, 2nd phase of upgrade

PCI MONITORING 2023

GENERAL DATA

Project promoters

Plinovodi d.o.o.

PCI number

6.26.1

EU TYNDP 2020 project code

TRA-N-094

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Slovenia

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 01/10/2005

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Planned but not yet in permitting	Rescheduled	Jan-2027
2022	Planned but not yet in permitting	Rescheduled	Jan-2026
2021	Planned but not yet in permitting	Rescheduled	Dec-2025
2020	Planned but not yet in permitting	Rescheduled	Dec-2024
2019	Planned but not yet in permitting	Rescheduled	Dec-2023

Main reason for rescheduling/delay during the reporting period:

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 €)
2023	102.0	-/-	-	0.0
2022	81.0	-/-	-	0.0
2021	81.0	-/-	-	0.0
2020	81.0	-/-	-	0.0

2019	27.5	-/-	-	0.2
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Progress of costs during the reporting period / Reasons for changes during the reporting period:

The rise in CAPEX is the result of inflation, which was higher especially in the last 2 years, which affected the rise in the prices of services and raw materials and, consequently, of products and equipment. In addition, the war in Ukraine and the related interruptions of certain supply chains also had an impact on the increase in CAPEX values.

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	Jul-2023	Jul-2024
Permit granting	Jul-2024	Dec-2025
Construction	Jul-2025	Dec-2026
Commissioning	Jan-2027	Jan-2027

REGULATORY TREATMENT

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

NOTES

The NRA notes this project is closely linked to increasing the capacity of the Krk LNG terminal and the transmission pipelines from Krk to Rogatec. It also notes the project promoter applied for the final investment decision, but the NRA has not yet approved it.

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

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

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

Upgrade of Rogatec interconnection (M1A/1 Interconnection Rogatec)

PCI MONITORING 2023

GENERAL DATA

Project promoters

Plinovodi d.o.o.

PCI number

6.26.1

EU TYNDP 2020 project code

TRA-N-390

Project category

Transmission line

Priority corridor

NSIE

Hosting countries

Slovenia

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 01/10/2014

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Planned but not yet in permitting	Rescheduled	Jan-2027
2022	Planned but not yet in permitting	Rescheduled	Jan-2026
2021	Planned but not yet in permitting	Rescheduled	Dec-2025
2020	Planned but not yet in permitting	Rescheduled	Dec-2024
2019	Planned but not yet in permitting	Rescheduled	Dec-2023

Main reason for rescheduling/delay during the reporting period:

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 €)
2023	17.0	-/-	-	0.0
2022	12.0	-/-	-	0.0
2021	12.0	-/-	-	0.0
2020	12.0	-/-	-	0.0

2019	12.4	-/-	-	0.1
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Progress of costs during the reporting period / Reasons for changes during the reporting period:

The rise in CAPEX is the result of inflation, which was higher especially in the last 2 years, which affected the rise in the prices of services and raw materials and, consequently, of products and equipment. In addition, the war in Ukraine and the related interruptions of certain supply chains also had an impact on the increase in CAPEX values.

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	Jul-2023	Jul-2024
Permit granting	Jul-2024	Dec-2025
Construction	Jul-2025	Dec-2026
Commissioning	Jan-2027	Jan-2027

REGULATORY TREATMENT

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

NOTES

The NRA notes this project is closely linked to increasing the capacity of the Krk LNG terminal and the transmission pipelines from Krk to Rogatec. It also notes the project promoter applied for the final investment decision, but the NRA has not yet approved it.

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

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

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

FSRU Polish Baltic Sea Coast

PCI MONITORING 2023

GENERAL DATA

Project promoters

Operator Gazociągów Przesyłowych Gaz-System S.A.

PCI number

6.27

EU TYNDP 2020 project code

LNG-N-947

Project category

LNG terminal

Priority corridor

NSIE

Hosting countries

Poland

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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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:

Two investments (Kolnik-Reszki pipeline and CS Pomerania) are not included in the relevant NDP, because the decision on their implementation was put on hold.

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	On time	Dec-2027
2022	Permitting	On time	Dec-2027
2021	Permitting	On time	Dec-2027
2020	Permitting	On time	Dec-2025
2019			

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	1175.0	-/-	-	8.1
2022	990.0	-/-	-	3.7
2021	870.0	-/-	-	1.0
2020	920.0	-/-	-	0.0
2019				

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

An update following the tendering process. Additionally, the project promoter observes

over-saturation of the market and increased prices of materials and services in construction. There is also some difference in currency conversion.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Onshore - detailed design, permitting process Offshore - signed agreement with designer, environmental, metocean and geophysical surveys; Other

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Oct-2024	Dec-2024
Permit granting	Jan-2020	May-2025
Construction	-	-
Commissioning	Sep-2027	Dec-2027

REGULATORY TREATMENT

Exemption ¹	-
CBCA ²	-
Project specific risk-based incentives ³	-

NOTES

The project promoter notes that the project is currently at an early stage of implementation, therefore some data in the report are estimates. The estimates were based on the company's best investment experience and will be reviewed in future reports.

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

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

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

Metering and Regulating station at Megalopoli

PCI MONITORING 2023

GENERAL DATA

Project promoters

Hellenic Gas Transmission System
Operator S.A.

PCI number

7.3.1

EU TYNDP 2020 project code

TRA-N-1091

Project category

Transmission line

Priority corridor

SGC

Hosting countries

Greece

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

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

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 04/08/2022

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Under consideration	Rescheduled	Dec-2027
2022	Under consideration	On time	Dec-2025
2021	Under consideration	On time	Dec-2025
2020	Under consideration	On time	Dec-2025
2019	Under consideration	Rescheduled	Dec-2025

Main reason for rescheduling/delay during the reporting period:

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 €)
2023	7.5	-/-	-	0.0
2022	7.5	-/-	-	0.0
2021	8.0	-/-	-	0.0
2020	7.0	-/-	-	0.0
2019	7.5	-/-	-	0.0

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

N/A

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-2026	Mar-2027
Permit granting	Jun-2025	Jun-2026
Construction	-	-
Commissioning	Oct-2027	Dec-2027

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter has not decided yet on the intentions to submit a CBCA.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

NOTES

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

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

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

EastMed Pipeline

PCI MONITORING 2023

GENERAL DATA

Project promoters

Natural Gas Submarine Interconnector
Greece-Italy Poseidon S.A

PCI number

7.3.1

EU TYNDP 2020 project code

TRA-A-330

Project category

Transmission line

Priority corridor

SGC

Hosting countries

Greece, Cyprus

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

www.igi-poseidon.com

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

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.

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	On time	Dec-2027
2022	Permitting	On time	Dec-2027
2021	Permitting	On time	Dec-2025
2020	Planned but not yet in permitting	On time	Mar-2025
2019	Planned but not yet in permitting	On time	Mar-2025

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	5200.0	20 / 20	6439.0	67.0
2022	5200.0	30 / 30	6439.0	46.0
2021	5200.0	30 / 30	6439.0	4.0
2020	5200.0	30 / 30	6439.0	4.0
2019	5200.0	30 / 30	6439.0	4.3

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

The pre-FEED studies have an estimated CAPEX for the project with about 30% accuracy. The ongoing phase, the FEED studies, is refining the design of the project and improve accuracy to about 20%

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering During 2022, the Project Promoter proceeded with the development of the project reaching the following milestones: submission to the local authorities of the Environmental and Social Impact Assessment (ESIA) in June; obtainment of the second feasibility certification of the project from an independent verification body; obtainment of the technical feasibility and installability certification by the early involved EPCI contractors in June and July; obtainment of the economic viability of the project from a leading advisory company in July; completion of the FEED for the onshore sections and the facilities of the project in December. The FEED for the offshore section significantly advanced in 2022, in fact it has been completed for the section between Israel and Cyprus and between Crete and Peloponnese while between Cyprus and Crete is expected to be completed in the first half of 2023.

CURRENT IMPLEMENTATION PLAN

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

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future. IGI Poseidon is currently working on the definition of the regulatory framework for the EastMed pipeline, also considering the uniqueness of the Project. IGI Poseidon intention is to use a regulated model.
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CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter plans to submit a CBCA. The Company is proceeding with the preparation of the set of documents requested for the proper submission of the investment request (CBCA), as provided in the art. 12 of Regulation 347/2013. The Project promoter is also involving into the preparation process specialized consultants to structure at the best all the information requested in the Regulation and also needed for the obtainment of the approval. The consultation process with the National Authorities and the Transportation System Operators in all the involved countries is ongoing.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

NOTES

The project promoter notes the exact location of the project's starting point depends on the real gas availability and will be determined in negotiations with producers as well as with all involved/interested parties. The NRA notes it is not able to assess the PCI's implementation plan, because no formal and clear implementation was submitted to the NRA. The NRA is also not able to assess the key problems PCI is facing nor the credibility of the considered costs.

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

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

Poseidon Pipeline

PCI MONITORING 2023

GENERAL DATA

Project promoters

Natural Gas Submarine Interconnector
Greece-Italy Poseidon S.A

PCI number

7.3.3

EU TYNDP 2020 project code

TRA-A-010

Project category

Transmission line

Priority corridor

SGC

Hosting countries

Greece

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

Since the Project is in an advanced and mature design phase, no major technical changes have been performed within 2022.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 27/02/2013

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:

The project is developed by a third party promoter.

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	On time	Dec-2027
2022	Planned but not yet in permitting	On time	Dec-2027
2021	Planned but not yet in permitting	On time	Oct-2025
2020	Permitting	On time	Dec-2023
2019	Permitting	On time	Feb-2023

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	1096.0	15 / 15	1617.0	1.0
2022	1096.0	15 / 15	1617.0	1.0
2021	1096.0	15 / 15	1617.0	1.0
2020	1096.0	15 / 15	1617.0	1.0
2019	1096.0	15 / 15	1617.0	70.0

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

N/A

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	Jan-2024	Jun-2025
Permit granting	Jul-2022	Jul-2023
Construction	Jan-2024	Mar-2027
Commissioning	Apr-2027	Dec-2027

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter has not decided yet on the intentions for the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter plans to submit a CBCA. The company is proceeding with the preparation of the necessary documents for the submission of the investment request (CBCA), according to the art. 12 of Regulation 347/2013. In this context, the Project Promoter has already initiated the consultations with the National Regulatory Authorities as well as with the respective TSOs.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

NOTES

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

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

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

Development for new import from the South (Adriatica Line)

PCI MONITORING 2023

GENERAL DATA

Project promoters

Snam Rete Gas

PCI number

7.3.4

EU TYNDP 2020 project code

TRA-N-007

Project category

Transmission line

Priority corridor

SGC

Hosting countries

Italy

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

https://www.snam.it/export/sites/snam-rp/repository-srg/file/it/business-servizi/Processi_Online/Allacciamenti/informazioni/piano-decennale/pd_2022_2031/consultazione_adr/Relazione_Integrativa_Linea_Adriatica_20221106.pdf

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 31/03/2014

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	Ahead of schedule	Aug-2027
2022	Under consideration	Rescheduled	Apr-2034
2021	Under consideration	Rescheduled	Jun-2028
2020	Under consideration	Rescheduled	Jun-2027
2019	Under consideration	Rescheduled	Dec-2026

Main reason for rescheduling/delay during the reporting period:

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COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	2394.0	-/-	-	72.0
2022	1986.0	30 / 30	-	68.0
2021	1565.0	30 / 30	-	67.0
2020	1596.0	30 / 30	-	67.0
2019	1384.0	30 / 30	-	67.0

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

Update in the light of the increases observed in the recent years due to changed market conditions for goods and services as well as to inflation dynamics

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

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

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Dec-2006	Sep-2023
Permit granting	Jan-2005	Dec-2023
Construction	Mar-2024	Jul-2027
Commissioning	Sep-2026	Aug-2027

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter has not decided yet on the intentions to submit a CBCA.
Project specific risk-based incentives ³	The 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. The promoter has no intentions to apply in the future.

NOTES

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

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

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

Matagiola - Massafra pipeline

PCI MONITORING 2023

GENERAL DATA

Project promoters

Snam Rete Gas

PCI number

7.3.4

EU TYNDP 2020 project code

TRA-N-1195

Project category

Transmission line

Priority corridor

SGC

Hosting countries

Italy

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

https://www.snam.it/en/transportation/Online_Processes/Allacciamenti/information/ten-year-plan/ten_year_plan_2022_2031/raccolta.html

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

Compared to the previous monitoring activity, it has been decided to develop the engineering and permits only for the first 40 km of the original project (80 km).

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 31/10/2016

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Planned but not yet in permitting	Ahead of schedule	Dec-2027
2022	Planned but not yet in permitting	Rescheduled	Jul-2034
2021	Planned but not yet in permitting	Rescheduled	Jun-2028
2020	Planned but not yet in permitting	Rescheduled	Jun-2027
2019			

Main reason for rescheduling/delay during the reporting period:

-

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	530.0	-/-	-	0.0
2022	403.0	30 / 30	-	0.0
2021	305.0	30 / 30	-	0.0
2020	309.0	30 / 30	-	0.0
2019				

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

Cost estimates have been updated in the light of the increases observed in the recent years due to changed market conditions for goods and services as well as to inflation dynamics

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility; STUDY: socio-economic feasibility

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Sep-2023	Mar-2025
Permit granting	Sep-2023	Dec-2025
Construction	May-2026	Nov-2027
Commissioning	Dec-2027	Dec-2027

REGULATORY TREATMENT

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

NOTES

The project promoter notes the commissioning year could be subject to the outcome of the incremental capacity process.

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

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

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

Cyprus Gas2EU

PCI MONITORING 2023

GENERAL DATA

Project promoters

Natural Gas Infrastructure Company
(ETYFA) LTD

PCI number

7.5

EU TYNDP 2020 project code

LNG-A-1146

Project category

LNG terminal

Priority corridor

SGC

Hosting countries

Cyprus

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

www.etyfa.com.cy

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

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

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Permitting	Rescheduled	Dec-2023
2022	Permitting	Rescheduled	Jul-2023
2021	Permitting	Rescheduled	Dec-2022
2020	Permitting	Rescheduled	Dec-2022
2019	Permitting	Rescheduled	Mar-2022

Main reason for rescheduling/delay during the reporting period:

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 €)
2023	336.2	-/-	-	194.7
2022	307.8	-/-	-	79.3
2021	307.6	-/-	-	73.9
2020	312.0	-/-	-	-
2019	272.8	-/-	1330.0	0.7

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

Market conditions

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; 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	Jul-2023
Permit granting	Sep-2020	Jul-2023
Construction	-	-
Commissioning	Dec-2023	Dec-2023

REGULATORY TREATMENT

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

NOTES

The NRA notes the construction has already started and that the project is delayed.

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

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

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

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

PCI MONITORING 2023

GENERAL DATA

Project promoters

AB Amber Grid

PCI number

8.2.1

EU TYNDP 2020 project code

TRA-A-342

Project category

Transmission line

Priority corridor

BEMIP

Hosting countries

Lithuania

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

<https://www.ambergrid.lt/en/for-clients/transmission-system/strategic-projects/647>

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 25/10/2013

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Under construction	On time	Dec-2023
2022	Under construction	On time	Dec-2023
2021	Permitting	On time	Dec-2023
2020	Planned but not yet in permitting	On time	Dec-2023
2019	Under consideration	Rescheduled	May-2023

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	5.0	0 / 0	5.0	3.7
2022	5.0	-/-	5.0	0
2021	5.0	-/-	5.0	0
2020	5.0	-/-	0	0
2019	4.7	-/-	0	0

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

N/A

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction; Commissioning

CURRENT IMPLEMENTATION PLAN

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

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. The promoter does not plan to submit a CBCA. The CBCA decision was received on 30 May 2019.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

NOTES

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

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

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

Enhancement of Latvia-Lithuania interconnection (Latvian part)

PCI MONITORING 2023

GENERAL DATA

Project promoters

JSC Conexus Baltic Grid

PCI number

8.2.1

EU TYNDP 2020 project code

TRA-A-382

Project category

Transmission line

Priority corridor

BEMIP

Hosting countries

Latvia

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

<https://www.conexus.lv/elli-eng>

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 02/07/2020

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Under construction	On time	Dec-2023
2022	Under construction	On time	Dec-2023
2021	Permitting	On time	Dec-2023
2020	Permitting	On time	Dec-2023
2019	Planned but not yet in permitting	Rescheduled	Dec-2023

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	5.7	0 / 10	6.0	4.9
2022	5.5	10 / 10	6.0	3.4
2021	5.5	10 / 10	6.0	2.1
2020	6.0	10 / 10	6.0	0.0
2019	5.7	10 / 10	5.2	0.2

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

In the report of 2022, only costs for the second stage were considered (construction, total

5.5 MEUR) and the costs for feasibility study of 0.175 MEUR (Conexus has received 50% grant from CEF) were not reported.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Starting from 1st Nov 2022, there was an increase of capacity at IP Kiemenai from LT to LV from 67.6 GWh/d to 90 GWh/day.; 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	May-2022
Permit granting	Jun-2019	Sep-2022
Construction	Mar-2020	Dec-2023
Commissioning	Dec-2020	Dec-2023

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. CBCA Decision from the Latvian NRA was received on the 30 May, 2019
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

NOTES

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

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

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

Enhancement of Incukalns UGS

PCI MONITORING 2023

GENERAL DATA

Project promoters

JSC Conexus Baltic Grid

PCI number

8.2.4

EU TYNDP 2020 project code

UGS-F-374

Project category

Underground storage

Priority corridor

BEMIP

Hosting countries

Latvia

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

<https://www.conexus.lv/enhancement-incukalns-ugs>

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 02/07/2020

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

Year	Status	Annual progress	Commissioning date
2023	Under construction	On time	Dec-2025
2022	Under construction	On time	Dec-2025
2021	Under construction	On time	Dec-2025
2020	Under construction	On time	Dec-2025
2019	Permitting	Rescheduled	Dec-2025

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	88.3	10 / 10	105.0	37.0
2022	88.0	10 / 10	88.0	27.0
2021	88.0	10 / 10	88.0	15.5
2020	88.0	10 / 10	88.0	4.0
2019	130.9	10 / 10	-	42.9

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

In the report of 2022, only costs for the second stage were considered (construction, total 88 MEUR) and the costs for feasibility study of 0.3 MEUR (Conexus has received 50% grant from CEF) were not reported.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction and commissioning of the new Gas Collection Point (GCP) – engineering design for the new GCP completed. Ongoing procurement procedure for construction works. Evaluation of the received tender proposals in progress. Procurement agreement on deliveries of the main technological agreement signed and part of the equipment already delivered for the successful start of the construction works. Enhancement of 36 wells - enhancement of 29 wells works completed and put into operation (6 wells in 2019, 3 wells in 2020, 12 wells in 2021, 8 wells in 2022). For other wells - all necessary equipment delivered. Due to the geopolitical situation the contracts with well blowout supervisor and one of the main construction work subcontractors from Russia were terminated. Well enhancement works are suspended. New procurement procedures announced. Installation of gas compression unit and upgrade of the existing reciprocating gas compression units - Detailed engineering for new gas compression unit in a scope stated to obtain the related permits was completed but still proceeding with the rest assigned scope to reach completion date rescheduled on 01/10/2023. Procurement agreement for gas compression unit package delivery concluded. Procurement procedure for delivery of process gas filters, valves, pipes and assembling materials for installation of GCU package is ongoing. Regarding upgrade of the existing reciprocating gas compression units - contracts on design, production, equipment deliveries and installation supervision for upgrade of 5 gas compression units are concluded. The upgrade of one Gas Compressor Unit is completed in 2021, upgrade of following two are completed in 2022. Completion of the last two GCU scheduled in 2023.; 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	Jan-2021
Construction	Dec-2018	Dec-2025
Commissioning	Dec-2019	Dec-2025

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. Investment request was submitted on the 25 Sept 2018. CBCA decision from the Latvian NRA received on 4 Oct 2018.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

NOTES

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

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

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

Nybro-Interconnector PL-DK - reinforcement

PCI MONITORING 2023

GENERAL DATA

Project promoters

Energinet.dk

PCI number

8.3.1

EU TYNDP 2020 project code

TRA-A-780

Project category

Transmission line

Priority corridor

BEMIP

Hosting countries

Denmark

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

Date of first inclusion in the NDP: 24/05/2022

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

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

Main reason for rescheduling/delay during the reporting period:

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

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	920.0	-/-	-	877.0
2022	735.0	-/-	-	552.0
2021	664.0	-/-	-	519.0
2020	629.0	-/-	-	9.0
2019	629.0	-/-	-	8.9

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

Primarily due to project delay due to EIA permit which was withdrawn in May 2021. New approval received in Mar 2022.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction; Commissioning

CURRENT IMPLEMENTATION PLAN

	Start date	End date
Detailed engineering design	Jul-2018	Sep-2020
Permit granting	Dec-2017	Jul-2019
Construction	Apr-2020	Dec-2023
Commissioning	Dec-2022	Dec-2023

REGULATORY TREATMENT

Exemption ¹	The project promoter did not apply for any of the exemptions during the reporting period. The project promoter does not plan to apply in the future.
CBCA ²	The project promoter did not submit an investment request during the reporting period. CBCA submitted in 2017 and approved by NRAs in February/March 2018.
Project specific risk-based incentives ³	The project promoter did not apply for specific risk-based incentives. The promoter has no intentions to apply in the future.

NOTES

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

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

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

Poland - Denmark interconnection (Baltic Pipe) - PL section

PCI MONITORING 2023

GENERAL DATA

Project promoters

Operator Gazociągów Przesyłowych Gaz-System S.A.

PCI number

8.3.2

EU TYNDP 2020 project code

TRA-A-271

Project category

Transmission line

Priority corridor

BEMIP

Hosting countries

Poland

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

www.baltic-pipe.eu

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No major technical modification was reported.

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

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

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	688.0	-/-	-	684.0
2022	724.0	-/-	-	515.0
2021	724.0	-/-	-	180.0
2020	953.0	-/-	-	41.0
2019	784.0	-/-	-	8.2

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

Over-saturation of the market, increased prices of construction material and services, currency conversion

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Commissioning

CURRENT IMPLEMENTATION PLAN

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

REGULATORY TREATMENT

Exemption ¹	-
CBCA ²	-
Project specific risk-based incentives ³	-

NOTES

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

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

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

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

PCI MONITORING 2023

GENERAL DATA

Project promoters

Operator Gazociągów Przesyłowych Gaz-System S.A.

PCI number

8.3.2

EU TYNDP 2020 project code

TRA-A-1173

Project category

Transmission line

Priority corridor

BEMIP

Hosting countries

Poland

Reference date

31 January 2023

Reporting period

1 February 2022 - 31 January 2023

PCI website

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:

N/A

STATUS AND PROGRESS OF THE PROJECT

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

Main reason for rescheduling/delay during the reporting period:

N/A

COST DATA

Year	Total investment costs (mil €)	Variation of the total investment cost (-/+ %)	Expected life cycle cost (mil €)	Already incurred costs (mil €)
2023	507.0	-/-	-	411.4
2022	399.0	-/-	-	210.4
2021	399.0	-/-	-	16.0
2020	337.0	-/-	-	3.0
2019				

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

reason not provided

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Commissioning

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 ¹	-
CBCA ²	-
Project specific risk-based incentives ³	-

NOTES

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

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

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