

ENTSOG Publication :

[001]- Comments on the Project in the context of the current publication. :

General Information :

[002]- Is the project an enabler for groups? : No

[003]- Project(System) Code : 471

[004]- ENTSOG Project Code : TRA-A-471

[005]- Was the project item part of the last TYNDP? : Yes

[006]- Project Name : Interconnection Denmark-Germany

[007]- Infrastructure Type : TRA

[009]- Project Description : New bidirectional offshore pipeline (Gedser-Rostock, DN700, 80 bar) of 80 km, plus 120 km onshore pipeline in DK (Gedser-Roskilde pipeline, DN 700, 70 bar) including metering and compressor station at the end of the pipeline with a daily nominal capacity of 7.2 mcm/day. The power of each compressor station is about 10 MW.

[010]- Project Host Country : Denmark

[011]- Project Status : Planned

[013]- Promoter Legal Personality : Utopia

[014]- Project Promoter Type. : TSO

[016]- Which Company will be the commercial operator once your project is completed. : AB Amber Grid

[017]- Has your project taken the FID? : No

[019]- Is your project only a Capacity Modification, which does not require actual investment or construction works ? : No

[020]- Estimated CAPEX (in million €) : 300

[021]- Is this project CAPEX considered confidential? : Yes

[022]- CAPEX Range (in %) : 20

[023]- Estimated OPEX (in million € per year) : 3

[024]- Is this project OPEX considered confidential? : Yes

[025]- OPEX Range (in %) : 20

[026]- Name of your representative in charge of the Project submission : Liam Andersson

[027]- E-mail address of your representative in charge of the Project submission :
landersson@utopiaTSO.dk

[028]- Phone number of your representative in charge of the Project submission : +325604554647

[029]- Project Website : <http://www.utopia.dk/project1>

[030]- General Remarks :

Administrative Criteria :

[031]- Please select the category of the project promoter you are : A2 - Project promoters which are certified but not member of ENTSOG

[035]- Company Existance (Pass-Fail Criteria) : Yes

[036]- Company Financial Strength (Pass-Fail Criteria) : Yes

[037]- Company Technical Expertise (Pass-Fail Criteria) : Yes

[038]- Please indicate if your project has completed the (Pre-) Feasibility study : Yes

[039]- Please select one of the following options :

- National plan

[040]- Please provide any additional comments :

Inclusion in NDP :

[047]- Is your project part of a National Development Plan (NDP) ? : Yes

[048]- Please indicate the name of the NDP in which your project is included : Danish National Development Plan 2018-2028

[049]- Please indicate the unique identification number of your project in the NDP : 0052- Gas

[050]- Project NDP Website : <http://https://en.energinet.dk/About-our-reports/Reports/System-Plan-2018>

[052]- NDP Release date : 01/11/2018

Enabled Projects :

[054]- Is this project an internal enabler? : Yes

[055]- Enabled Projects :

- TRA-N-651 Ghost project - Botas - TESLA

Project Shareholders :

[057]- Project Section	[058]- Shareholder Name	[059]- Shareholder Share
Danish Section	UtopiaTSO	100
Danish Section	UtopiaTSO	100
Danish Section	UtopiaTSO	100
Danish Section	UtopiaTSO	100
Danish Section	UtopiaTSO	100

Project of Common Interest(PCI) Label :

[060]- Is your project in the current legal PCI list ? : Yes

[062]- Do you intend to apply for PCI label in the next PCI round? : Yes

[064]- In the case CAPEX has been indicated as confidential in General Information section, please select one of the following : (1) I provide alternative costs estimates based on reference costs

[065]- If 1) Alternate CAPEX (in mlns EUR) : 280

[066]- If 1) describe the reference used : The costs were calculated based on market prices and cos of similar investments projects. The costs are the best estimate in this project phase.

[067]- In the case OPEX has been indicated as confidential in General Information section, please select one of the following : (1) I provide alternative costs estimates based on reference costs

[068]- If 1) Alternate OPEX (in mlns EUR) : 2.3

[069]- If 1) describe the reference used : The costs were calculated based on market prices and cos of similar investments projects. The costs are the best estimate in this project phase.

[070]- Was your project also part of any other PCI Lists? : --Select--

[071]- Which criteria are fulfilled by your project ? :

- Involves at least two Member States by directly crossing the border of two or more Member States

[072]- Criteria additional explanatory note :

[074]- Which specific criteria are fulfilled by your project ? :

- Market Integration, inter alia through lifting the isolation of at least one Member State and reducing energy infrastructure bottlenecks, interoperability and system flexibility

- Sustainability, inter alia through reducing emissions, supporting intermittent renewable generation and enhancing deployment of renewable gas

- Competition, inter alia through diversification of supply sources, supplying counterparts and routes

[075]- Specific criteria additional explanatory note. : Market Integration: - Completing interconnection between DK and DE - Better interconnection of the gas markets in the region
Sustainability: - Enabling RES production in the region

[076]- Please justify your answer. : Market integration: - Connection of the gas markets in the region
Competition: - Reduction of price differences between the East Baltic region and North-West regions.
Sustainability: - Reduction of emissions in DK and DE and other countries in the region by promoting natural gas in national economies. - Enabling RES production (through enabled project TRA-N-651)

[077]- Is the project also part of the latest Energy Community PECEI or PMI list? : No

Variant for Modelling :

[078]- Variant Name	[079]- Variant Description	[080]- Considered for Modelling
Default	Default	Yes

Increments in Entry/Exit Capacity (If you do not complete this section, your project cannot be modelled) :

[081]- Operator	[082]- Point	[083]- Flow Direction	[084]- Status	[085]- Variant	[086]- Commissioning Year	[087]- Increment (GWh/d)	[088]- Peak Increment (GWh/d)	[089]- Comment
Utopia TSO	Utopia	entry	Operational	Default	2022	70	90	
Utopia TSO	Utopia	exit	Operational	Default	2022	80	90	
Utopia TSO	Utopia	entry	Operational	Default	2023	40	40	
Utopia TSO	Utopia	exit	Operational	Default	2023	40	40	
Utopia TSO	Utopia	entry	Operational	Default	2023	40	40	
Utopia TSO	Utopia	exit	Operational	Default	2023	40	40	
Utopia TSO	Utopia	entry	Operational	Default	2023	40	40	
Utopia TSO	Utopia	exit	Operational	Default	2023	40	40	
Utopia TSO	Utopia	entry	Operational	Default	2023	40	40	
Utopia TSO	Utopia	exit	Operational	Default	2023	40	40	

Technical Information :

[090]- Indicate if your project is part of : Interconnections of two or more MSs

[091]- Choose PRJ : PRJ-G-014 [PRJ Utopia]

[092]- Is this a multi-phase project? : Yes

Type Specific Information - Pipeline :

[093]- Name of the section/phase	[094]- Length of the Pipe (in Km)	[095]- Diameter (in mm)	[096]- Additional Compressor Power (in MW)	[097]- Part of Variant	[098]- Comments	[099]- Commissioning Year
Gedser - Rostock	80	700		Default		2021
Gedser - Solrod	100	700		Default		2022
Solrod - Roskilde	20	700	10	Default		2023
Gedser - Solrod	100	700		Default		2022

Solrod - Roskilde	20	700	10	Default		2023
Gedser - Solrod	100	700		Default		2022
Solrod - Roskilde	20	700	10	Default		2023
Gedser - Solrod	100	700		Default		2022
Solrod - Roskilde	20	700	10	Default		2023

[124]- Please indicate the expected load factor of your pipeline on yearly basis : 50

[125]- Is the proposed project the result of the demand assessment in the context of the Incremental Capacity Process? : No

Gasification :

[128]- In line with the definition of Gasification provided in the Handbook, does your project contribute to the gasification of a country or the gasification of a specific area not reached yet by gas? : Yes, it contributes to the gasification of a specific isolated area in a country where the gas already arrives

Cross Border Cost Allocation and Financial Assistance :

[129]- Does your project have a CBCA decision by NRAs or ACER ? Select one or more :

- No, we have not submitted an investment request yet, but we do plan to submit it

[130]- {if option 1, 2 or 3} When the investment request was submitted/or you plan to submit it? : 01/05/2020

[131]- If option 1), when was the decision taken? :

[132]- If option 1), please provide CBCA Decision Website :

[133]- If option 1), please list the countries identified from the CBCA decision as net benefiting countries :

[134]- If option 1), please list the countries identified from the CBCA decision as net cost bearers :

[135]- Please provide any additional comments :

[136]- Have you already applied for financial support from the Connecting Europe Facility (CEF) :

- (1) Yes, we have applied for CEF and we have received a decision

[137]- [If options 1) or 2) in above box list] Did your project request Union financial assistance in the form of grants for studies? : Yes

[138]- If yes, please indicate the amount [mil EUR] : 1.5

[139]- If options 1) or 2) Did your project request Union financial assistance in the form of grants for works? : No

[140]- If yes, please indicate the amount [mil EUR] :

[141]- If option 3), Do you intend to apply for financial support from the Connecting Europe Facility? :

- Yes, for work only

[142]- Have you received any financial support from funding programmes other than CEF at European, regional or national level? : No

[143]- Please Provide details :

[144]- Please Provide any further relevant details :

Project Schedule :

[146]- Pre-Feasibility Start date : 01/05/2018

[146]- Pre-Feasibility End date : 30/09/2018

[147]- Feasibility Start date : 01/10/2018

[147]- Feasibility End date : 20/12/2018

[148]- FEED Start date : 01/02/2019

[148]- FEED End date : 08/05/2019

[149]- Permitting Phase Start date : 12/05/2019

[149]- Permitting Phase End date : 28/08/2019

[150]- Supply Contracts End date : 01/11/2023

[152]- Construction Start date : 01/02/2021

[152]- Construction End date : 01/05/2023

[153]- Project Advancement : In Progress

[154]- Comments about Project Advancement : The project has no delay and is going according to the initial schedule.

[156]- Date of grant obtention for studies/for works : 01/02/2018

[157]- Comments about the schedule, including Realisation Conditions : Pre-feasibility and feasibility are finished (December-2018)

[158]- Compared to previous TYNDP indicate if your project is : On time

[159]- Delay Explanation: :

Benefits :

[160]- Main Project Driver : Market Demand

[161]- Comments on the Main Project Driver :

[162]- Comments about Project Benefits :

[163]- Gas Sourcing :

Algeria : No

Caspia/Azerbaijan : No

Libya : No
Norway : Yes
Russia : Yes
Israel : No
Turkey : No
LNG : No
LNG Country :
: --

Others : Renewable gases

[164]- Please provide the background for the gas sources the project will be supplied with. :
Through interconnection between DK-DE DE will have access to renewables gases production DK and DE will have access to the existing gas sources (Russia, Norway) to a higher extent

Third Party Access Regime :

[165]- Considered TPA regime : Regulated
[166]- Have you applied for a TPA exemption ? : No
[167]- Has the exemption been granted ? : Not Relevant
[168]- If yes, which stage of the exemption has been reached ? :
[169]- Percentage in the Entry direction : 0
[170]- Percentage in the Exit direction : 0
[171]- Considered Tariff Regime : Regulated
[172]- Other comments :

Intergovernmental Agreement :

[173]- Agreement Name	[174]- Signed	[175]- Date	[176]- Description	[177]- Other comments
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Barriers in Implementation :

[178]- Regulatory Framework :
[180]- Permit granting :
[181]- Financing :
[183]- Political :
[184]- Market :
[186]- Other Barriers, please explain :
[187]- Which incentives would support your project implementation :
[188]- Have you received additional regulatory incentives for your PCI project :