

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 : 446

[004]- ENTSOG Project Code : BIO-F-446

[005]- Was the project item part of the last TYNDP? : No

[006]- Project Name : Example Biomethane Project

[007]- Infrastructure Type : BIO

[008]- Is the project a virtual submission of more projects : Yes

[009]- Project Description : Several Biomethane Production facilities with connecting pipes and interconnection to a TSO Grid in Austria.

[010]- Project Host Country : Austria

[011]- Project Status : Planned

[013]- Promoter Legal Personality : Company name XYZ

[014]- Project Promoter Type. : Third Party Promoter

[016]- Which Company will be the commercial operator once your project is completed. : DESFA S.A.

[017]- Will there be any other commercial operator(s) once your project is completed? If yes, please mention it/them. : No

[018]- Has your project taken the FID? : Yes

[019]- Indicate the date when your FID was taken : 01/06/2020

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

[021]- Estimated CAPEX (in million €) : 100

[022]- Are these CAPEX costs considered confidential? : No

[024]- Amount of already incurred CAPEX (in million EUR) at the time of project submission : 30

[026]- Amount of contracted but not yet incurred CAPEX (in million EUR) : 50

[028]- CAPEX Range (in %) : 10

[029]- Estimated OPEX (in million € per year) : 15

[030]- Are these OPEX costs considered confidential? : No

[032]- OPEX Range (in %) : 30

[033]- Name of your representative in charge of the Project submission : Mareike Dollinger

[034]- E-mail address of your representative in charge of the Project submission :
address@company.com

[035]- Phone number of your representative in charge of the Project submission : 8596741236

[036]- Project Website :

[037]- General Remarks :

Administrative Criteria :

[041]- Please select the category of the project promoter you are : F.2 Project promoter which is a certified/exempted TSO or licensed SSO/LSO but not Member, Observer or Associated Partner of ENTSOG (including certified DSOs).

[042]- Company Existence (Pass-Fail Criteria) : Yes

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

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

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

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

- FID

[053]- Please provide any additional comments :

Inclusion in NDP :

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

[055]- Please indicate the name of the NDP in which your project is included : NDP Country 123456

[056]- Please indicate the unique identification number of your project in the NDP : N/A

[057]- Project NDP Website : http://www.bfgdko.at

[059]- NDP Release date : 31/10/2020

Enabler/Enhancer Projects :

[061]- Is this project an internal enabler? : No

[065]- Is this project an enhancer ? : No

Project Shareholders :

[069]- Project Section	[070]- Shareholder Name	[071]- Shareholder Share
Complete Project	Company XYZ	100

Technical Information :

[072]- Indicate if your project is part of : None of above

[074]- Is this a multi-phase project? : No

Type Specific Information - Biomethane developments projects :

[113]- Please indicate the sub-category of project: : Network development projects enabling biomethane production/injection into the gas grid;

Type Specific Information - Production facilities :

[126]- Please indicate the expected efficiency and the average daily consumption of the production facility. : 66%

[127]- Please indicate the expected operating mode : Connected to the electricity or gas grid

[128]- Please indicate the grid-connection capacity to/from the production facility on hourly and daily basis. : Entry Capacity: Hourly: 746 MWh/h --> Daily 24*746=17.904 MW/d

[129]- Please indicate the expected CO2 emissions (tons/MWh of the conversion) : 0

Entry :

Exit :

[131]- Please indicate the expected load factor of your project (when completed) on yearly basis : 0

[132]- Please indicate the expected load factor of your project (when completed) under peak situation : 0

Project of Common Interest(PCI) Label :

[136]- Is your project in the current legal PCI list ? : No

[138]- Do you intend to apply for PCI label in the next PCI round? : No

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

Variant for Modelling :

[156]- Variant Name	[157]- Variant Description	[158]- Considered for Modelling
Default Biomethane	Default	Yes

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

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[159]- Transportable/storable gas	[160]- Share of selected gas/ total capacity [%]
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Natural gas :

Hydrogen :

Synthetic methane :

Biomethane : 100

[161]- Operator	[162]- Point	[163]- Flow Direction	[164]- Status	[165]- Variant	[166]- Commission- ing Year	[167]- Modelling Commissioning Year	[168]- Increment (GWh/d)	[169]- Peak Increment (GWh/d)	[170]- Comment
Trans- Adriatic Pipeline AG	Nea Mesimvria	entry	Operational	Default Biomethane	2023	2023	0.7	0.7	
Trans- Adriatic Pipeline AG	Nea Mesimvria	exit	Operational	Default Biomethane	2023	2023	0.7	0.7	

Cross Border Cost Allocation and Financial Assistance :

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

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

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

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

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

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

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

[177]- Please provide any additional comments :

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

- (3) No, we have not applied for CEF

[179]- [If options 1) or 2) in above box list] Did your project request EU financial assistance in the form of grants for studies? : No

[180]- Did you receive any grants for studies following your request? : Not applicable

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

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

[183]- Did you receive any grants for works following your request? : Not applicable

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

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

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

[187]- Please Provide details :

[188]- Do you plan to apply for any other type of financial assistance ? : No

[190]- Please Provide any further relevant details :

Project Schedule :

[192]- Pre-Feasibility : Project Construction already started. Steps have been completed

[193]- Feasibility : Project Construction already started. Steps have been completed

[194]- FEED : Project Construction already started. Steps have been completed

[195]- Permitting Phase : Project Construction already started. Steps have been completed

[196]- Supply Contracts : Project Construction already started. Steps have been completed

[198]- Construction Start date : 01/03/2021

[198]- Construction End date : 31/12/2022

[199]- Project Advancement : In Progress

[200]- Comments about Project Advancement : Construction started this year. Currently the construction is ahead of schedule.

[202]- Date of grant obtention for studies/for works :

[203]- Comments about the schedule, including Realisation Conditions :

[204]- Compared to previous TYNDP indicate if your project is : Not applicable

[205]- Delay Explanation: :

Project Expected Impact :

[206]- Main Project Driver(s) :

- Sustainability

[207]- Does the project contribute to any of the following :

- Integration of renewable and low carbon gases into the gas network

[209]- Comments on the Main Project Driver : No further comments

[210]- 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? : No

[212]- Please provide your project expected benefits : Biomethane is a low carbon gases and contributes to the sustainability.

[213]- Impacted countries and relevant information. : Country A by having an new gas source and benefits to the CO2 footprint.

[214]- Please indicate the number of new jobs created associated to the project, the impacted countries and provide relevant information : Based on estimation the project will bring 10 new jobs within the area.

[215]- Please describe and quantify any possible positive impact of the project on climate change : Biomethane is a low carbon gases,

[216]- Please describe and quantify any possible negative impact of the project on climate change : The production of biomethane can lead to monoculture farming but this impact cant not be quantified.

[222]- Does your Project include new digital solutions? : Yes

[223]- Please provide details. : Digital solutions are used in the measurement center to ensure a safe production and injection as well as the remote control of the production facilities at any time.

[224]- Does your project enable the integration with the electricity, heating, water or telecommunication network? : No

[229]- Does your project contribute to any of the following specific criteria? :

- network security and quality of supply by improving the efficiency and interoperability of gas transmission and distribution in day-to-day network operation by, among others, addressing challenges resulting from the injection of gases of different qualities through the deployment of innovative technologies and cybersecurity

[231]- Gas Sourcing :

Algeria : No

Caspia/Azerbaijan : No

Libya : No

Norway : No

Russia : No

Israel : No

Turkey : No

LNG : No

LNG Country :

:

Electrolysis : No

SMR : No

Pyrolysis : No

Biogas : Yes

Others :

[232]- Please provide the background for the gas sources the project will be supplied with. :
Biomethane facilities

Intergovernmental Agreement :

[270]- Agreement Name	[271]- Signed	[272]- Date	[273]- Description	[274]- Other comments
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Barriers in Implementation :

[275]- Regulatory Framework :

[277]- Permit granting :

[278]- Financing :

- Amortization rates

[280]- Political :

[281]- Market :

[282]- Project acceptability by the local community. :

[283]- Technical/Technological. :

[285]- Value chain :

[286]- Other Barriers, please explain :

[287]- Which incentives would support your project implementation :

[288]- Have you received additional regulatory incentives for your project :

Please upload a map of your project :