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
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:

<table>
<thead>
<tr>
<th>[069]- Project Section</th>
<th>[070]- Shareholder Name</th>
<th>[071]- Shareholder Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete Project</td>
<td>Company XYZ</td>
<td>100</td>
</tr>
</tbody>
</table>

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 PECI or PMI list?: No

Variant for Modelling:

<table>
<thead>
<tr>
<th>Variant Name</th>
<th>Variant Description</th>
<th>Considered for Modelling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Default Biomethane</td>
<td>Default</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Transportable/storable gas</th>
<th>Share of selected gas/ total capacity [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural gas</td>
<td></td>
</tr>
<tr>
<td>Hydrogen</td>
<td></td>
</tr>
<tr>
<td>Synthetic methane</td>
<td></td>
</tr>
<tr>
<td>Biomethane: 100</td>
<td></td>
</tr>
<tr>
<td>Operator</td>
<td>Point</td>
</tr>
<tr>
<td>----------</td>
<td>-------</td>
</tr>
<tr>
<td>Trans-Adriatic Pipeline AG</td>
<td>Nea Mesimvria</td>
</tr>
<tr>
<td>Trans-Adriatic Pipeline AG</td>
<td>Nea Mesimvria</td>
</tr>
</tbody>
</table>

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

Please Provide details:

Do you plan to apply for any other type of financial assistance? : No

Please Provide any further relevant details:

Project Schedule:

Pre-Feasibility: Project Construction already started. Steps have been completed
Feasibility: Project Construction already started. Steps have been completed
FEED: Project Construction already started. Steps have been completed
Permitting Phase: Project Construction already started. Steps have been completed
Supply Contracts: Project Construction already started. Steps have been completed

Construction Start date: 01/03/2021
Construction End date: 31/12/2022

Project Advancement: In Progress

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

Date of grant obtention for studies/for works:

Comments about the schedule, including Realisation Conditions:

Compared to previous TYNDP indicate if your project is: Not applicable

Delay Explanation:

Project Expected Impact:

Main Project Driver(s):
- Sustainability

Does the project contribute to any of the following:
- Integration of renewable and low carbon gases into the gas network

Comments on the Main Project Driver: No further comments

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

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

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: Biomtehane 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 :
Please provide the background for the gas sources the project will be supplied with.

**Biomethane facilities**

**Intergovernmental Agreement:**

<table>
<thead>
<tr>
<th>Agreement Name</th>
<th>Signed</th>
<th>Date</th>
<th>Description</th>
<th>Other comments</th>
</tr>
</thead>
</table>

**Barriers in Implementation:**

- Regulatory Framework
- Permit granting
- Financing
  - Amortization rates
- Political
- Market
  - Project acceptability by the local community
- Technical/Technological
- Value chain
- Other Barriers, please explain
- Which incentives would support your project implementation
- Have you received additional regulatory incentives for your project

Please upload a map of your project.