Questionnaire for the welfare evaluation of Projects of Energy Community Interest (PECIs) and Projects of Mutual Interest (PMIs) based on the adopted and adapted Regulation 347/2013 EU for the Energy Community

Underground gas storage projects[1]

1 PROJECT IDENTIFICATION

1.1 NAME OF THE PROJECT

_____

1.2 WAS THE PROJECT INCLUDED IN ANY OF THE FOLLOWING LIST OF PCIS, PECIS OR PMIS?

☐ 2015 PCI Code, name: _____, _____
☐ 2016 PECI/PMI Code, name: _____, _____
☐ None of the above

1.3 NAME OF THE PROJECT PROMOTER

Please submit the full legal name of the project promoter

_____

[1] REGULATION (EU) 347/2013 on guidelines for trans-European energy infrastructure incorporated and adapted by Ministerial Council Decision 2015/09/MC-EnC of 16 October 2015 Annex I, 2 (b) underground storage facilities connected to the above-mentioned high-pressure gas pipelines;

1.4 NAME OF THE SHAREHOLDERS OF THE UNDERTAKING IMPLEMENTING THE INVESTMENT PROJECT

Please submit the full legal name of each undertaking, the percentage of its shareholding in the project and information on their main activities. In case one of the shareholders is an investment holding, please also provide information on the ultimate owner(s) of the investment holding.

Full legal name of shareholder	Shareholding (in %)	Main activities of shareholder	Ultimate owner of investment holding (if applicable)

1.5 PROJECT WEBSITE ACCORDING TO ARTICLE 9(7) OF THE ADOPTED REGULATION

_____

1.6 CODE OF THE PROJECT IN THE ENTSOG TYNDP 2017 (IF APPLICABLE)

_____

1.7 HOSTING ENERGY COMMUNITY CONTRACTING PARTIES (WHERE THE PROJECT IS LOCATED)

- ☐ Albania
- ☐ Bosnia and Herzegovina
- ☐ FYR Macedonia
- ☐ Georgia
- ☐ Kosovo*
- ☐ Moldova
- ☐ Montenegro
- ☐ Serbia
- ☐ Ukraine

** This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo declaration of independence.*

1.8 HOSTING EU MEMBER STATES (WHERE THE PROJECT IS LOCATED)

☐ Austria	☐ Belgium	☐ Bulgaria	☐ Croatia
☐ Cyprus	☐ Czech Republic	☐ Denmark	☐ Estonia
☐ Finland	☐ France	☐ Germany	☐ Greece
☐ Hungary	☐ Ireland	☐ Italy	☐ Latvia
☐ Lithuania	☐ Luxembourg	☐ Malta	☐ Netherlands
☐ Poland	☐ Portugal	☐ Romania	☐ Slovakia
☐ Slovenia	☐ Spain	☐ Sweden	☐ United Kingdom

1.9 OTHER HOSTING COUNTRIES (WHERE THE PROJECT IS LOCATED)

_____

1.10 THE PROJECT IN THE NATIONAL NETWORK DEVELOPMENT PLAN (NNDP)

	Contracting Party	Project code in NNDP	Project name	Year of publication in the NNDP	HTML link to NNDP
1					
2					
3					
4					
5					

1.11 ARE THERE OTHER NATIONAL OR CROSS-BORDER PROJECTS DEPENDING ON THE REALISATION OF THE PROJECT?

☐ Yes, please indicate which project (refer to NNDP or TYNDP code if applicable):

_____

☐ No

1.12 DOES YOUR PROJECT DEPEND ON THE REALISATION OF ANY OTHER NATIONAL OR CROSS-BORDER PROJECT?

☐ Yes, please indicate which project (refer to NNDP or TYNDP code if applicable):

_____

☐ No

2 TECHNICAL INFORMATION ON THE PROJECT

2.1 TYPE OF INFRASTRUCTURE

- ☐ Depleted field
- ☐ Aquifer
- ☐ Salt cavern
- ☐ Other (please specify): _____

2.2 TYPE OF INVESTMENT

- ☐ Implementation of new underground gas storage
- ☐ Expansion of existing underground gas storage

2.3 BRIEF PROJECT DESCRIPTION (MAIN GOAL AND EXPECTED BENEFITS OF THE PROJECT)

_____

2.4 LOCATION (WITHIN COUNTRY):

_____

2.5 EXPECTED DATE OF COMMISSIONING (YEAR)

_____

2.6 EXPECTED LIFETIME OF INFRASTRUCTURE (YEARS FROM COMMISSIONING)

_____

2.7 WORKING GAS CAPACITY (TWH)

_____

2.8 AMOUNT OF CUSHION GAS (TWH)

_____

2.9 DAILY MAXIMUM WITHDRAWAL CAPACITY (GWH/DAY)

_____

2.10 DAILY MAXIMUM INJECTION CAPACITY (GWH/DAY)

_____

2.11 NUMBER OF STORAGE CYCLES PER YEAR

- ☐ One per year
- ☐ Two per year
- ☐ Multiple per year (more than two)
- ☐ Other (please specify): _____

2.12 ADDITIONAL INVESTMENT RELATED TO THE UGS FACILITY

You are free to divide the project into different sections, if pipeline enables bidirectional gas flows, please provide technical capacities for both directions. If more than two countries are affected, please indicate capacity on all borders in both directions.

	Description	Length (km)	Diameter (mm)	Total number of compressor stations	Compressor power (MW)	Technical Entry Capacity from country A to B (GWh/day) *	Technical Exit Capacity from country A to B (GWh/day) *	Direction of flow**	Maximum operation pressure (bar(g))
Section 1									
Section 2									
Section 3									
Section 4									
Section 5									

** in case of existing pipeline, list capacity added to existing infrastructure*

*** point of origin and point of destination of flow (please also indicate if project enables flows in both directions)*

3 EXPECTED COSTS OF THE PROJECT

3.1 PLEASE INDICATE TOTAL CAPITAL EXPENDITURES (CAPEX) OF THE PROJECT FOR EACH YEAR OF THE INVESTMENT PERIOD (INCLUDING MATERIALS AND CONSTRUCTION COSTS, TEMPORARY SOLUTIONS) IN 2017 REAL MILLION EUR

Calendar year										
Cost (Real 2016 million EUR)										

3.2 EXPECTED ANNUAL OPERATING EXPENDITURES (OPEX) OF THE PROJECT IN 2017 REAL EUR

Calendar year										
Cost (Real 2016 EUR)										

4 STATUS AND PROGRESS

4.1 PLEASE INDICATE THE CURRENT STATUS OF THE PROPOSED PROJECT

Please tick all boxes for the project phases that have already been completed by all parts of the project (i.e. ticking planning approval would indicate that planning approval has been granted for all sections/parts of the project)

- ☐ Consideration phase
- ☐ Preparatory studies / pre-feasibility studies
- ☐ Technical feasibility study
- ☐ Environmental impact assessment
- ☐ Economic feasibility study / cost-benefit analysis
- ☐ Market survey / open season / capacity auction
- ☐ Detailed design study (FEED/Main Design)
- ☐ Financing secured
- ☐ Planning approval / permitting
- ☐ Approval by regulatory authority
- ☐ Final investment decision
- ☐ Tendering
- ☐ Construction

4.2 PLEASE GIVE AN INDICATIVE IMPLEMENTATION SCHEDULE AS OF NOVEMBER 2017

If the project phase has already been fully completed, it is sufficient to provide only the end date. Please leave the respective cell empty if date for a specific implementation phase is not yet known

	Start date (month, year)	End date (month, year)
Consideration phase		
Preparatory studies / pre-feasibility studies		
Technical feasibility study		
Environmental impact assessment		
Economic feasibility study / cost-benefit analysis		
Market survey / open season / capacity auction		
Detailed design study (FEED/Main Design)		
Financing secured		
Planning approval / permitting		
Approval by regulatory authority		
Final investment decision		
Planning approval / permitting		
Approval by regulatory authority		
Final investment decision		
Tendering		
Construction		

4.3 IF YOUR PROJECT WAS INCLUDED IN THE 2013/2016 PECI/PMI CANDIDATE LIST, PROVIDE A BRIEF DESCRIPTION OF ACTIONS TAKEN SINCE THE INCLUSION IN THE LIST (IF APPLICABLE)

_____

4.4 IF YOU ENCOUNTERED A DELAY IN THE IMPLEMENTATION OF THE PROJECT, WHAT WAS THE EXTENT AND THE REASON OF THE DELAY (IF APPLICABLE)?

_____

4.5 WHAT MEASURES DID YOU TAKE TO TACKLE THE DELAY (IF APPLICABLE)?

_____

4.6 HAVE YOU ALREADY APPLIED FOR FINANCING (SUCH AS THE NEIGHBOURHOOD INVESTMENT FACILITY (NIF), WESTERN BALKAN INVESTMENT FRAMEWORK (WBIF) OR OTHER PUBLIC OR PRIVATE FUNDING)?

☐ No

☐ Yes, application for funding has been submitted

☐ Yes, financial support has already been granted, the level of support in million EUR is:

_____

Financial support has been granted in year: _____

Financial support already been granted has been / will be used for:

_____

4.7 PLEASE LIST THE MAJOR RISKS/BARRIERS AFFECTING THE IMPLEMENTATION OF THE PROJECT

_____

What mitigation measures have you foreseen to address these risks?

_____

5 ACCESS TO INFRASTRUCTURE

5.1 ACCESS REGIME APPLICABLE TO THE INFRASTRUCTURE

☐ Regulated third party access
☐ Negotiated third party access
☐ Exemption from third party access

5.2 IF THE INFRASTRUCTURE IS EXEMPTED FROM TPA, PLEASE INDICATE THE EXEMPTED CAPACITY AND TIMEFRAME

Exempted from – to (years) _____-_____
Exempted capacity (TWh/year) _____

5.3 IS A LONG-TERM SUPPLY CONTRACT DEDICATED TO THE INFRASTRUCTURE?

☐ Yes
☐ No

5.4 IF A LONG-TERM CONTRACT IS DEDICATED TO THE INFRASTRUCTURE, PLEASE INDICATE THE DETAILS OF THE CONTRACT

Annual contracted quantity (TWh/year) _____
Flexibility (minimum and maximum yearly off-take, TWh/year) _____
Pricing linked to TTF or oil indexed? _____
Contract duration (years) _____
Contract route* _____

**please indicate the possible route of the long term contract originating from the exporting country heading to the importing country*

5.5 IS THERE A STORAGE OBLIGATION IN FORCE OR IS IT EXPECTED TO BE IN FORCE UPON THE COMPLETION OF THE PROJECT?

☐ Yes
☐ No

5.6 IF THERE IS A STORAGE OBLIGATION, PLEASE INDICATE THE AMOUNT OF NATURAL GAS TO BE INJECTED IN STORAGES EACH YEAR IN TWH AND GIVE A BRIEF EXPLANATION OF THE OBLIGATION

Amount of gas to be injected (TWh/year) _____
Brief description of storage obligation _____

5.7 ACCESS ENTRY AND EXIT TARIFF

Please give an estimation on the access tariff for the newly commissioned infrastructure element (EUR/MWh)

Working gas capacity fee (EUR/MW)	Injection fee (EUR/MWh)	Withdrawal fee (EUR/MWh)	Entry tariff to transmission system (EUR/MWh)	Exit tariff from transmission system (EUR/MWh)	Other applicable tariffs* (EUR/MWh)

**please specify the meaning of other tariffs* _____

5.8 DO YOU EXPECT A GENERAL TARIFF INCREASE IN THE HOSTING COUNTRIES TO FINANCE THE INFRASTRUCTURE?

☐ Yes
☐ No

5.9 IF YES, PLEASE INDICATE THE EXPECTED LEVEL OF GENERAL TARIFF INCREASE

Hosting country	Tariff increase (%)

5.10 ARE THERE BINDING OPEN SEASON CONTRACTS IN FORCE?

☐ Yes
☐ No

5.11 IF THERE ARE, HOW MUCH OF THE CAPACITY WAS CONTRACTED AND WHAT WERE THE REVENUES RECEIVED?

Capacity contracted (TWh/year) _____
Open season revenues (million EUR) _____
Duration of contract (from year-to year) _____-_____

6 CONTACT DETAILS

Please designate two contact persons who can be requested for clarifications and additional information if necessary.

	Primary contact	Secondary contact
Name of contact person	_____	_____
Organisation	_____	_____
Position	_____	_____
Email address	_____	_____
Phone number*	_____	_____

* including country dialling code