# 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

## Electricity transmission infrastructure projects<sup>1</sup>

PROJECT IDENTIFICATION

	TROJECT IDENTIFICATION
1.1	Name of the project
1.2	WAS THE PROJECT INCLUDED IN ANY OF THE FOLLOWING LIST OF PCIS, PECIS OF PMIs?
	2015 PCI Code, name:
	NAME OF THE PROJECT PROMOTER se submit the full legal name of the project promoter

<sup>&</sup>lt;sup>1</sup> 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, 1 (a) high-voltage overhead transmission lines, if they have been designed for a voltage of 220 kV or more, and underground and submarine transmission cables, if they have been designed for a voltage of 150 kV or more

## 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 WEBSITI	E ACCORDING TO A	ARTICLE 9(7) OF THE ADO	OPTED REGULATION
1.6 CODE OF THE PRO	JECT IN THE ENT	SO-E TYNDP 2016 (IF A	APPLICABLE)
1.7 HOSTING ENERG LOCATED, PLEASE			(WHERE THE PROJECT IS
Albania	l		
	and Herzegovina		
=	acedonia		
Georgia			
Kosovo Moldov			
Monten			
Serbia	legio		
Ukraine	2		
		on status, and is in line with U	NSCR 1244 and the ICJ Opinion
on the Kosovo declaration of	independence.		
1.8 Hosting Neighb	OURING EU MEM	IBER STATES (WHERE T	THE PROJECT IS LOCATED,
PLEASE SPECIFY A	LL THAT APPLY)		
Austria	Belgium	Bulgaria	Croatia
Cyprus	Czech Repub	lic 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	G COUNTRIES (WHI	ERE THE PROJEC	T IS LOCATED)	
1.10	THE PROJECT IN	N THE NATIONAL N	TETWORK DEVEL	OPMENT PLAN	
	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	Yes, joint subm	A JOINT SUBMISSI			
1.12	ARE THERE OT REALISATION OF	THER NATIONAL OF THE PROJECT?	OR CROSS-BORDE	ER PROJECTS DEI	PENDING ON THE
	Yes, please ind	icate which project	t (refer to NNDP	or TYNDP code it	f applicable):
	No				
1.13	DOES YOUR PROCESS-BORDER	OJECT DEPEND ON PROJECT?	N THE REALISAT	ION OF ANY OTH	ER NATIONAL OR
	Yes, please ind	icate which project	t (refer to NNDP	or TYNDP code is	f applicable):
	No				

## 2 TECHNICAL INFORMATION ON THE PROJECT

2.1	TYPE OF INFRAST	RUCTURE (PLEASE SPE	CIFY ALL THAT APPLY)								
	New onshore inte	erconnector									
	New offshore interconnector										
	Substation										
	Back-to-back stat	ion									
2.2	TYPE OF INVESTM	ENT (PLEASE SPECIFY	ALL THAT APPLY)								
	Construction of n	ew transmission infrast	ructure								
		of existing transmission									
H		of existing transmissior ting transmission infras									
H		xisting transmission inf									
	110111101111111111111111111111111111111										
2.3	INCL. ITS EXPE	•	AL AND EXPECTED BENEFIT FOR THE INTEGRATION Y SOURCES)	· · · · · · · · · · · · · · · · · · ·							
2.4	ORIGIN POINT (LO	OCATION, COUNTRY):									
2.5	END POINT (LOCA	TION, COUNTRY):									
2.6	EXPECTED DATE (	OF COMMISSIONING (YE	EAR):								
2.7	EXPECTED LIFETI	ME OF INFRASTRUCTUI	RE (YEARS FROM COMMISS	IONING):							
2.8		-	NTC) EXPECTED FROM THI								
		ΓCS FOR EACH OF THE		. (							
		G 2	Capacity (MW from	Capacity (MW from							
	Country 1	Country 2	country 1 to country 2)	country 2 to country 1)							

# 2.9 IMPACT ON ENERGY NOT SUPPLIED (ENS) EXPECTED FROM THE IMPLEMENTATION OF THE PROPOSED INFRASTRUCTURE PROJECT (GWH/YEAR) IN 2020, 2025, 2030

Country	2020	2025	2030	Source of information (ENTSO-E TYNDP; South East Cooperation Initiative (SEC), Black Sea Regional Transmission Planning Project (BSTP) or other

## 2.10 Variation of transmission losses (GWH/year) expected from the implementation of the proposed infrastructure project in 2020, 2025, 2030

Country	2020	2025	2030	Source of information (ENTSO-E TYNDP; South East Cooperation Initiative (SEC), Black Sea Regional Transmission Planning Project (BSTP) or other

#### 2.11 DETAILED TECHNICAL INFORMATION OF THE PROJECT BY MAIN SECTIONS

You are free to divide the project into different sections, if the relevant technical parameters differ between specific parts of the project.

	Description	Country 1	Country 2	Length of offshore line (km)	Type: new line, upgrade, replacemen t	Single or double	Line parameters $R(\Omega)$	Line parameters $X(\Omega)$	motors	Number of additional transformer stations	Capacity of transformer stations (MVA)	Voltage
Section 1												
Section 2												
Section 3												
Section 4												
Section 5												

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 2016 REAL MILLION EUR

In case the project is financed by two or more parties from different countries, please indicate that by using separate tables for the different entities indicating the basis for cost split (e.g. costs for investment on the territory of country A is borne by promoter A while investment on the territory of country B is borne by promoter B).

Calendar Year						
	Promoter					
Cost (Real						
Cost (Real 2016 million						
EUR)						

3.2 EXPECTED ANNUAL OPERATING EXPENDITURES (OPEX) OF THE PROJECT IN 2016 REAL EUR (OR CHANGE IN ANNUAL OPEX IF UPGRADE/REPLACEMENT)

Calendar Year						
	Promoter					
Cost (Real 2016						
EUR)						

3.3	IF THE PROJECT WAS INCLUDED IN THE 2016 PECI LIST, HAS THE CAPEX ESTIMAT CHANGED?
	Yes, due to
	No
П	Don't know

#### 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 <u>all</u> 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 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\*

<sup>\*</sup> including country dialling code