



R347 IMPLEMENTATION REPORT

46th PHLG meeting

Vienna, 27th April 2017

PECI/PMI selection

List adopted by MC in Oct. 2016

ECS to
monitor project development
(see next slide)
2017-2018

ECS to
set up PLIMA – ECS
Transparency
Platform
Apr-May 2017

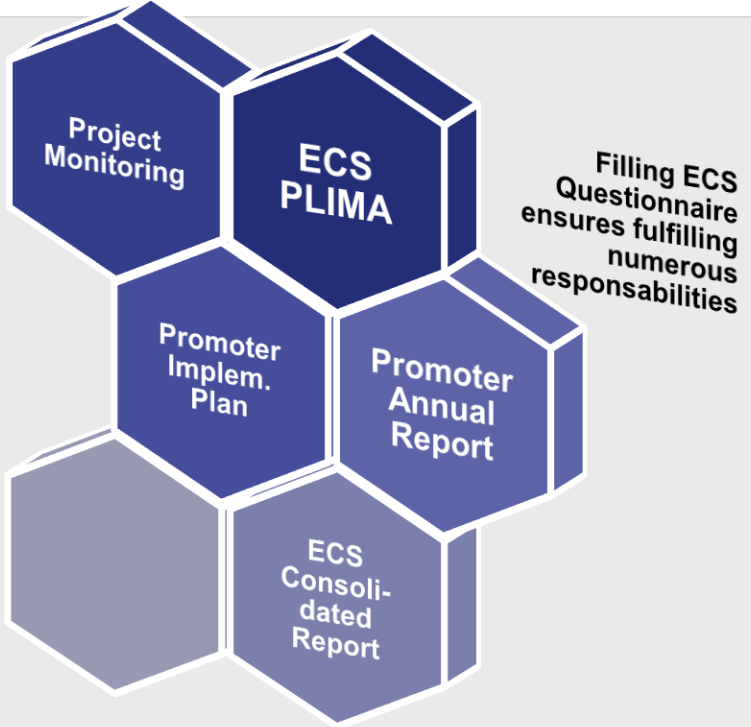
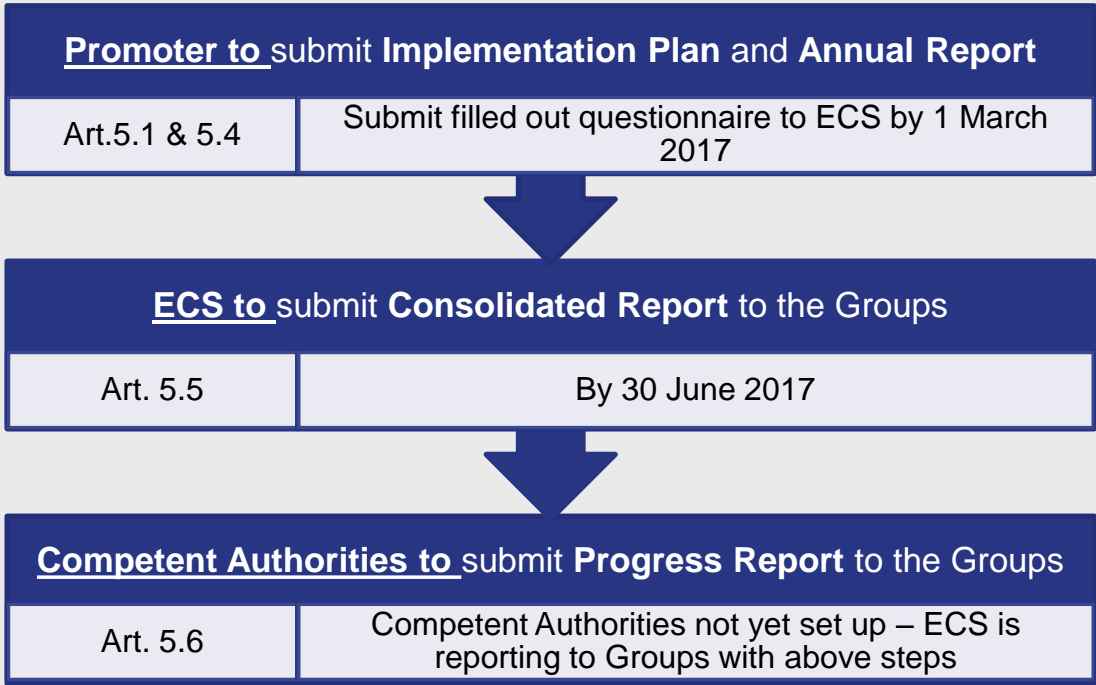
Implementing the Regulation

Contracting Parties to
establish
National
Competent
Authorities (NCA)
by **30 June 2017**

Competent Authorities to
publish Manual
of Procedures by
31 Dec. 2017

NRAs to
publish electricity
and gas project
evaluation and risk
assessment
methodology by
31 Dec. 2017

Project Reporting & Monitoring- Progress status



Gas																									
SR	BG	SR	MK	AL	KO	BiH	HR	BiH	HR	AL	IAP MN	HR	HE	MK	SR	HR	PL	UA	HU	UA	RO	MD	UA	PL	
X	X	X	X	X	X	X		X			X		X		X		X		X		X			X	
						West		South																Sarmatia	

Electricity									
RO	SR	MN	BA	MK	AL	MD	RO	UA	SK
	X			X		X			X

Data Collection Status as of 12 April for Electricity, Gas and Oil projects

Designation of one National Competent Authority

Progress status



	Assistance	Draft: decision, instruction, by-law or law amendments	Adopted: decision, instruction, by-law or law amendments	National Competent Authority established/ operational	Manual of procedures published
AL	ECS implementation mission; request to use draft Administrative Instruction from KS*	Draft Administrative Instruction delivered by ECS	N/A	N/A	N/A
BA	ECS implementation mission; consultant hired through USAID	Draft Decision on Implementation prepared by USAID and reviewed by ECS. The Ministry of Foreign Trade and Economic Relations prepared detailed information and draft a road map for the implementation of the Initiative Western Balkans 6, which has not been sent or presented to ECS yet.	N/A	N/A	N/A
KS*	ECS implementation mission; no other assistance required	Draft Administrative Instruction prepared by KS* and reviewed by ECS	Administrative Instruction on the promotion of joint regional investments in the energy sector which has transposed the Reg/347/2013, was signed by the Minister of the Ministry of Economic Development on 20.02.2017	N/A	N/A
MD	ECS implementation mission; request for TA in order to hire consultant	N/A	N/A	N/A	N/A
ME	ECS Implementation mission; consultant hired through IPA	Implementation report presented in ECS premises on 16th December, proper list of Laws and By Laws, as well as proposed amendments will be delivered for comments to ECS	Consultation process in place among all Competent Stakeholders to select better option available for adoption of new Law/Bylaw on the permitting procedure for PECIs/Major Infrastructures	This will depend on the solution adopted for the adoption of the New Law/Bylaw on the permitting procedure for PECIs/Major Infrastructures	N/A
MK	ECS implementation mission; request for TA in order to hire consultant	N/A	N/A	N/A	N/A
RS	ECS implementation mission; consultant hired through PLAC project	Draft Regulation establishing the Program of implementation of Energy Development Strategy for the period 2017-2023 30 June 2017	Regulation confirming the Program of implementation of Energy Development Strategy for the period 2017-2023 31 December 2017	After entering into force of the Regulation confirming the Program of implementation of Energy Strategy Development for the period 2017-2023	It will be defined subsequently by the ministry in charge for civil works
UA	ECS implementation mission; request for additional assistance by ECS	N/A	N/A	N/A	N/A

PECI/PMI - projects status (1)



Electricity projects		Electricity PECIs and PMIs			
		Status			
Electricity PECIs		PFS, Preliminary Design	FS, ESIA/EIA	FID-Final Investment Decision	Construction Works/Commissioning year
Transbalkan corridor consisting of the following five PECE projects:					
EI 01	400 kV OHL Resita (RO) - Pancevo (RS)	●	●	●	● 2018
EI 01	400 kV OHL Kragujevac (RS) - Kraljevo (RS)	●	●	●	● 2018
EI 01	400 kV OHL Obrenovac (RS) - Bajina Basta (RS)	●	●	●	● 2022/2023
EI 01	400 kV OHL Bajina Basta (RS) - Visegrad (BA) - Pljevlja (ME)	●	●	●	● 2022/2023
EI 03	400 kV OHL Pljevlja (ME) - Lastva (ME)	●	●	●	● 2019
Interconnection between Albania and former Yugoslav Republic of Macedonia:					
EI 13	400 kV OHL Bitola (MK) - Elbasan (AL)	●	●	●	● 2019
Electricity PMIs					
Interconnection between Romania and Moldova:					
EI 06	Back to back station on 400 kV OHL Vulcanesti (MD) -- Issacea (RO) and new 400 kV OHL Vulcanesti (MD) -- Chisinau (MD)	●	●	●	● 2018
Interconnection between Ukraine and Slovakia:					
EI 09	Rehabilitation of 400 kV OHL Mukacheve (UA) – V.Kapusany (SK)	●	●	●	● 2020
● Finished ● Ongoing ● Not scheduled yet					

PECI/PMI - projects status (2)



Gas PECIs and PMIs				
Gas projects	Status			
Gas PECIs	PFS, Preliminary Design	FS, ESIA/EIA	FID-Final Investment Decision	Construction Works/Commis. Yr.
Gas 09 - Serbia (Nis) - Bulgaria Interconnector				
Project coordination is currently ongoing with EC facilitation				2021
Gas 11 - Serbia (Vranje) - Macedonia, FYR (Kleohovce - Sopot)				
				2021
Gas 13 - Albania - Kosovo* Interconnector (Fier - Lezha - Pristina)				
Project depends on IAP - Gas Master Plan of Albania finished				2022

PECI/PMI - projects status (3)



Gas PMIs	Status				
	PFS, Preliminary Design	FS, ESIA/EIA	FID-Final Investment Decision	Construction Works/Commiss. Yr.	
Gas 02 - Bosnia and Herzegovina (Trzac-Bosanska Krupa) - Croatia (Licka Jesenica) Interconnector					
					2023-2026
Gas 03 - Bosnia and Herzegovina - Croatia Interconnector (Zagvozd-Posusje-Novri Travnik with a main branch to Mostar)					
Promoters have agreed on a joint economic and financial feasibility study					2021
Gas 04B - Greece - Macedonia, FYR (Hamzali - Stojakovo) Interconnector					
					2021
Gas 10 - Serbia (Futog) - Croatia Interconnector					
					N/A
Gas 14 - Development of Poland (Hermanowice) - Ukraine (Bilche Volytsya) reverse flow					
PL side expects commercial need indication					2020
Gas 15 - Reverse flow, new firm capacity Hungary (Beregdaróc) - Ukraine (Beregovo)					
Ukrainian side of the construction is done - HU side expects commercial need indication					2020
Gas 16 - Ionian Adriatic Pipeline (Fier, AL - Split, HR)					
Project PMU set up - moving towards project company					2020
Gas 18 - Romania - Moldova Interconnector Gas 18					
Loan agreement with EBRD and EIB signed - ECS assisting in ENERSAP					2019
Finished Ongoing/Definitely Scheduled the future/Not Scheduled		Source:		Questionnaires received for PECI/PMI monitoring	

Article 18 of adopted Regulation 347/2013 – Information and publicity



The Energy Community Secretariat shall establish, by six months after the date of adoption of the first Energy Community list an **infrastructure transparency platform** easily accessible to the general public, including via the internet.

- ✓ ECS developed PLIMA – Project Library and Interactive Map Application, that provides up to date information on the geographic location for each of the projects listed as PECE/PMI, and represents at the same time:
 - Infrastructure Transparency Platform, and
 - Project Monitoring Tool

Energy Community PLIMA – Project Library & Interactive Map Application

Map data ©2016 GeoBasis-DE/BG (©2009), Google, Inst. Geogr. National Maps OS/Geo. ORION/Mapbox, Terms of Use, Report a map error

Electricity SS capacity

Gas SS capacity

- Electricity transm.
- Gas transm.
- Gas storage
- Smart grid
- Oil
- Electricity storage
- LNG

Ukraine
Number of submitted projects: 6

Rescheduled investments


- 20% Changes on the generation side, including delays in the expected date of connection of new renewable-based generation
- 20% Changes on demand side
- 30% Changes in other planning data input



*Thank you
for your attention!*

www.energy-community.org

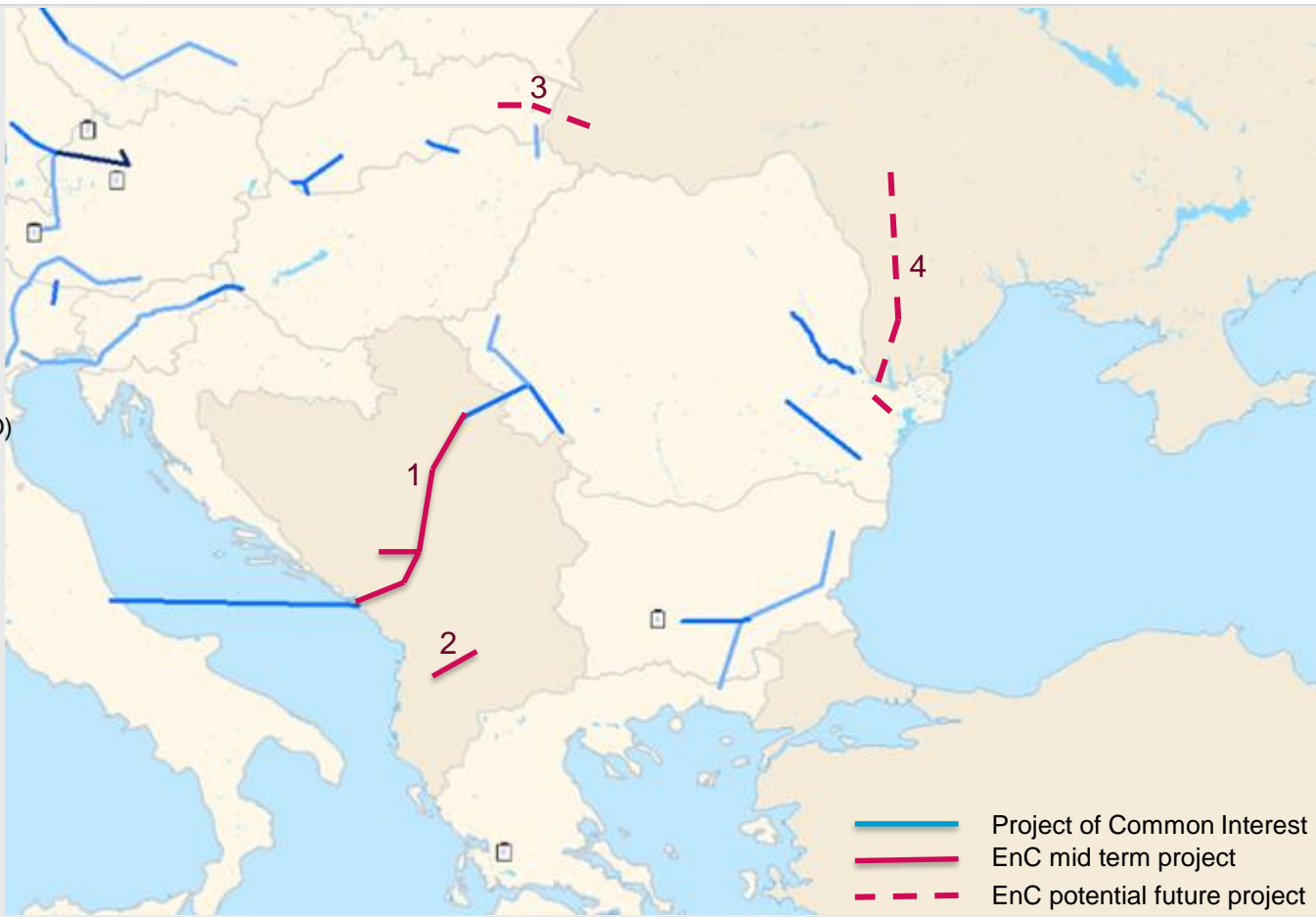


 Electricity PECEs and PMIs	
Electricity PECEs	
Transbalkan corridor consisting of the following five PECE projects:	
EI 01	400 kV OHL Resita (RO) - Pancevo (RS)
EI 01	400 kV OHL Kragujevac (RS) - Kraljevo (RS)
EI 01	400 kV OHL Obrenovac (RS) - Bajina Basta (RS)
EI 01	400 kV OHL Bajina Basta (RS) - Visegrad (BA) - Pljevlja (ME)
EI 03	400 kV OHL Pljevlja (ME) - Lastva (ME)
Interconnection between Albania and former Yugoslav Republic of Macedonia:	
EI 13	400 kV OHL Bitola (MK) - Elbasan (AL)
Electricity PMIs	
Interconnection between Romania and Moldova:	
EI 06	Back to back station station on 400 kV OHL Vulcanesti (MD) - Issacea (RO) and new 400 kV OHL Vulcanesti (MD) - Chisinau (MD)
Interconnection between Ukraine and Slovakia:	
EI 09	Rehabilitation of 400 kV OHL Mukacheve (UA) – V.Kapusany (SK)

PCI/PECI/PMI projects & Future projects



- 1. Transbalkan corridor – phase 1
 - 400 kV OHL Resita (RO) – Pancevo (RS)
 - 400 kV OHL Kragujevac (RS) – Kraljevo (RS)
 - 400 kV OHL Obrenovac (RS) – B.Basta (RS)
 - 400 kV OHL B.Basta (RS) – Pljevlja (ME) – Visegrad (BA)
 - 400 kV OHL Pljevlja (ME) – Lastva (ME)
- 2. 400 kV OHL Bitola (FYROM) – Elbasan (AL)
- 3. 400 kV OHL Mukacheve (UA) – V.Kapusany (SK)
- 4. 400 kV OHL with B2B Substation, Isacea (RO) – Vulcanesti (MD) – Chisinau (MD)



PLIMA – Project Library and Interactive Map Application

PLIMA possess the following functionalities (1):

1. PECI/PMI projects presentation using Interactive map approach (using Google map APIs),
2. Project library, dynamically connected to the GIS based map, provides up to date information on the geographic location for each of the projects listed as PECI/PMI as well as other relevant project data, using user friendly and interactive user interface. Projects covered by PLIMA are divided into the following categories:
 - a) Electricity transmission,
 - b) Electricity storage,
 - c) Smart grid,
 - d) Gas transmission,
 - e) Gas storage,
 - f) LNG, and
 - g) Oil.

