

The background is a dark blue globe with glowing blue lines representing energy infrastructure or a network, overlaid on a map of Europe.

# **ENERGY COMMUNITY WEBINAR SERIES**

## **Energy Infrastructure Priorities in the Energy Community**

7 May 2020 14:00

Ádám Balogh

Gas Infrastructure Expert – Energy Community Secretariat

# In focus for this webinar



- I. Key points from the Regulation 347/2013 guiding the selection of *Projects of Energy Community Interest* - PECI and *Projects of Mutual Interest* - PMI
- II. PECI/PMI selection methodology – market modelling of energy infrastructure
- III. Current priority projects – and the ongoing selection
- IV. What might the future hold...?

*In developing countries, lack of infrastructure is a far more serious barrier to trade than tariffs*

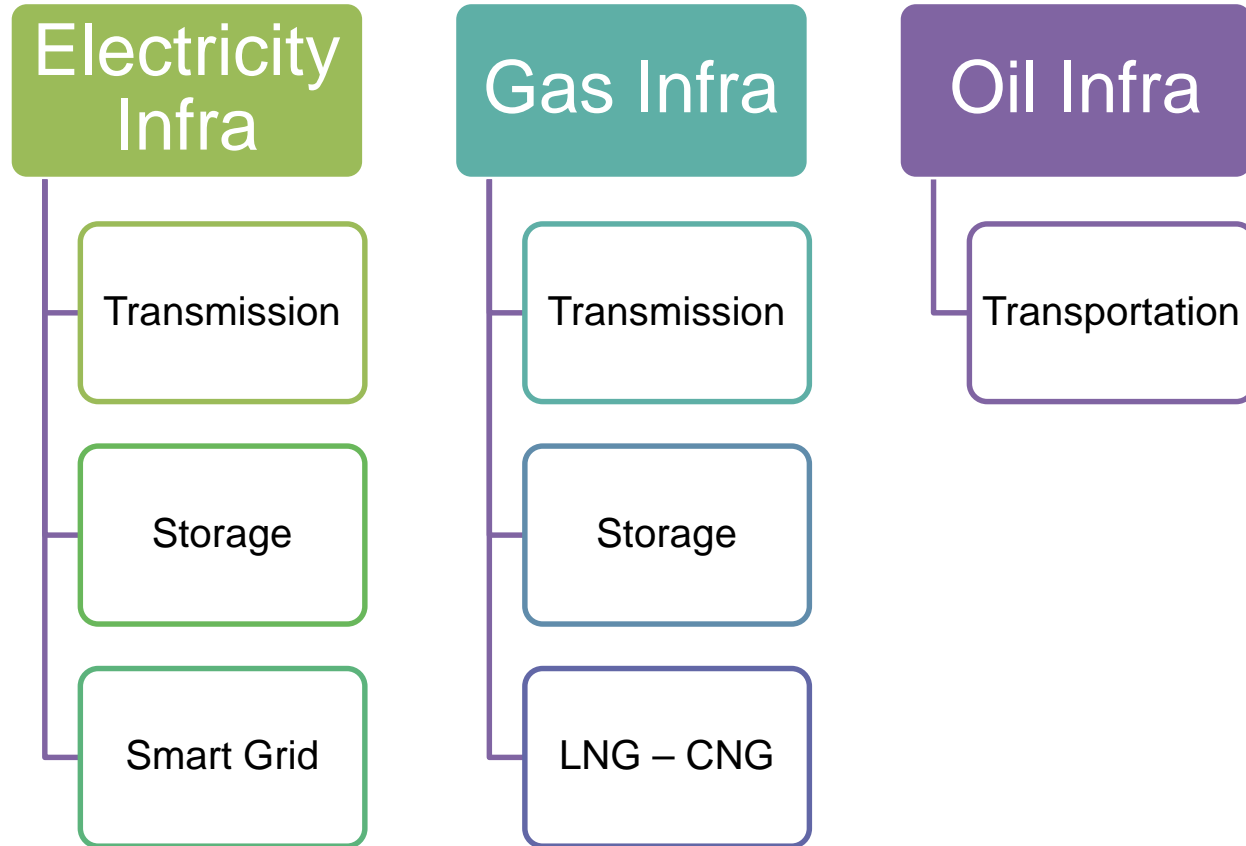
**Joseph Stiglitz**

# I. TEN-E Regulation 347/2013



<b>General Criteria</b>	<b>Potential Benefits outweigh costs</b>	Involves at least 2 CPs or a CP and a MS
		Located in one CP and has a Cross-border impact
	<b>Fits in the defined project categories</b>	
<b>Specific Criteria</b>	<b>Electricity</b>	Market Integration
		SoS
		Sustainability
	<b>Gas</b>	Same + Competition
	<b>Smart Grid</b>	
	<b>Oil</b>	SoS
Mitigation of Environmental Risk		
Interoperability		
<b>PECI</b>	If involves a CP and a MS has to be PCI first in EU	
<b>PMI</b>	If involves a CP and a MS and is not PCI in the EU	

# I. TEN-E Regulation 347/2013



# I. TEN-E Regulation 347/2013



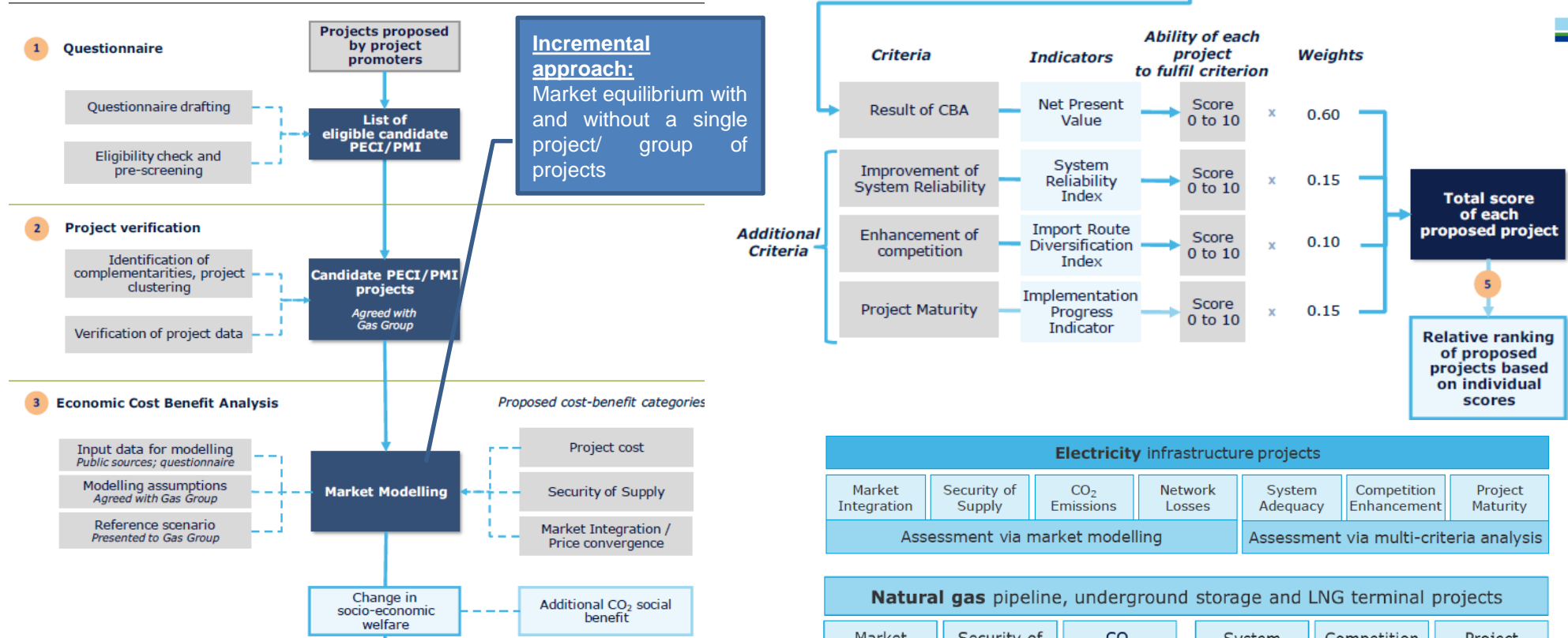
**BENEFITS**



# II. Assessment Methodology



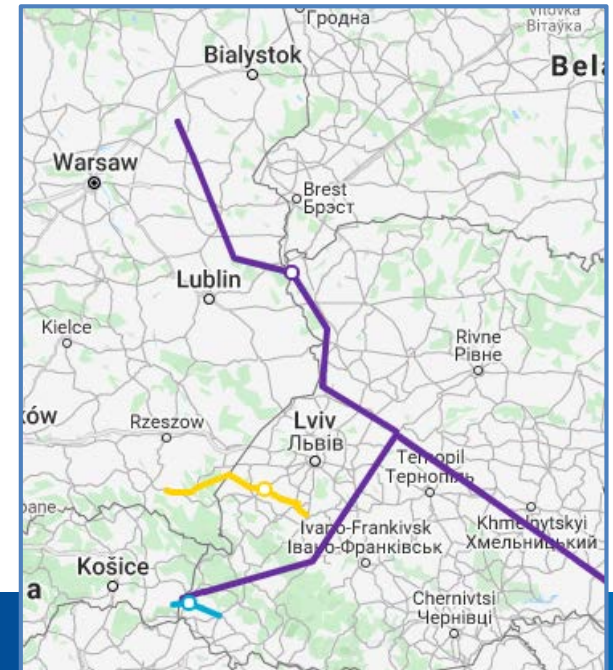
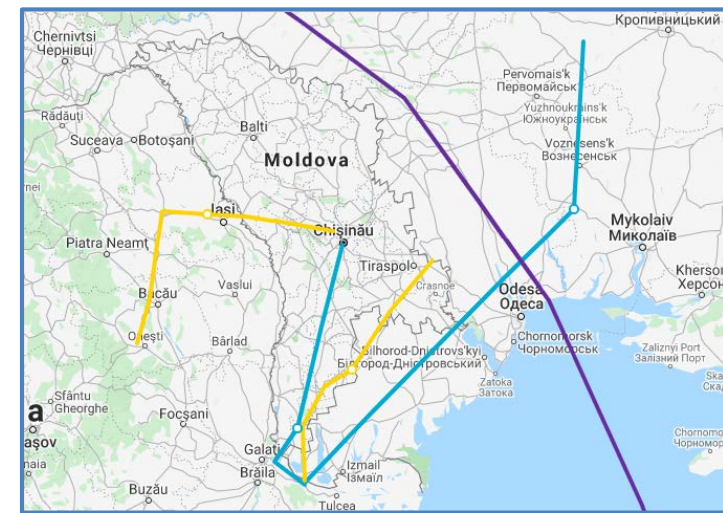
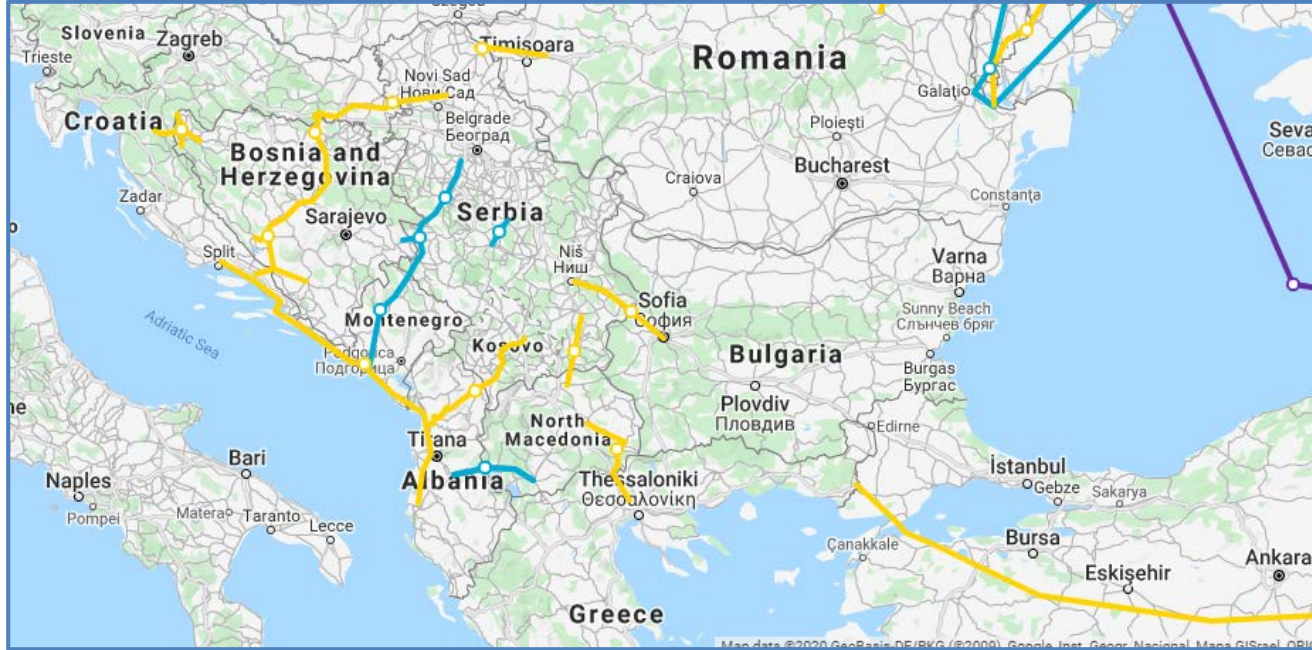
Figure 3: Overview of the Draft Assessment Methodology



Electricity infrastructure projects						
Market Integration	Security of Supply	CO <sub>2</sub> Emissions	Network Losses	System Adequacy	Competition Enhancement	Project Maturity
Assessment via market modelling				Assessment via multi-criteria analysis		

Natural gas pipeline, underground storage and LNG terminal projects					
Market Integration	Security of Supply	CO <sub>2</sub> Emissions	System Reliability	Competition Enhancement	Project Maturity
Assessment via market modelling			Assessment via multi-criteria analysis		

# III. Priority Projects - current



<https://www.energy-community.org/regionalinitiatives/infrastructure/PLIMA.html>

# III. Priority Projects – consulted - EL



Project Code	Project Name	Project Promoters
EL_01	Trans Balkan Corridor (Serbia, Montenegro, Bosnia)	JP Elektromreža Srbije; Montenegrin Electric Transmission System CGES; NOS BiH/Elektroprenos BiH a.d. Banja Luka
EL_03	OHL 400 kV Banja Luka (Bosnia and Herzegovina) - Lika (Croatia)- complete	Nezavisni operator sistema u BiH NOSBiH/Elektroprenos BiH a.d. Banja Luka; HOPS Croatia
EL_07	400 kV Mukacheve (Ukraine) – V.Kapusany (Slovakia) OHL rehabilitation	State Enterprise NPC Ukrenergo; Slovenská elektrizačná prenosová sústava, a.s. SEPS
EL_09	750 kV Pivdennoukrajinska NPP (Ukraine) – Isaccea (Romania) OHL rehabilitation and modernisation,	State Enterprise NPC Ukrenergo; C.N. Transelectrica S.A.
EL_12	North CSE corridor (Serbia, Romania)	JP Elektromreža Srbije, C.N. Transelectrica S.A.
EL_13	Black Sea Submarine Cable Georgia - Romania	C.N. Transelectrica S.A.; GSE, Georgia

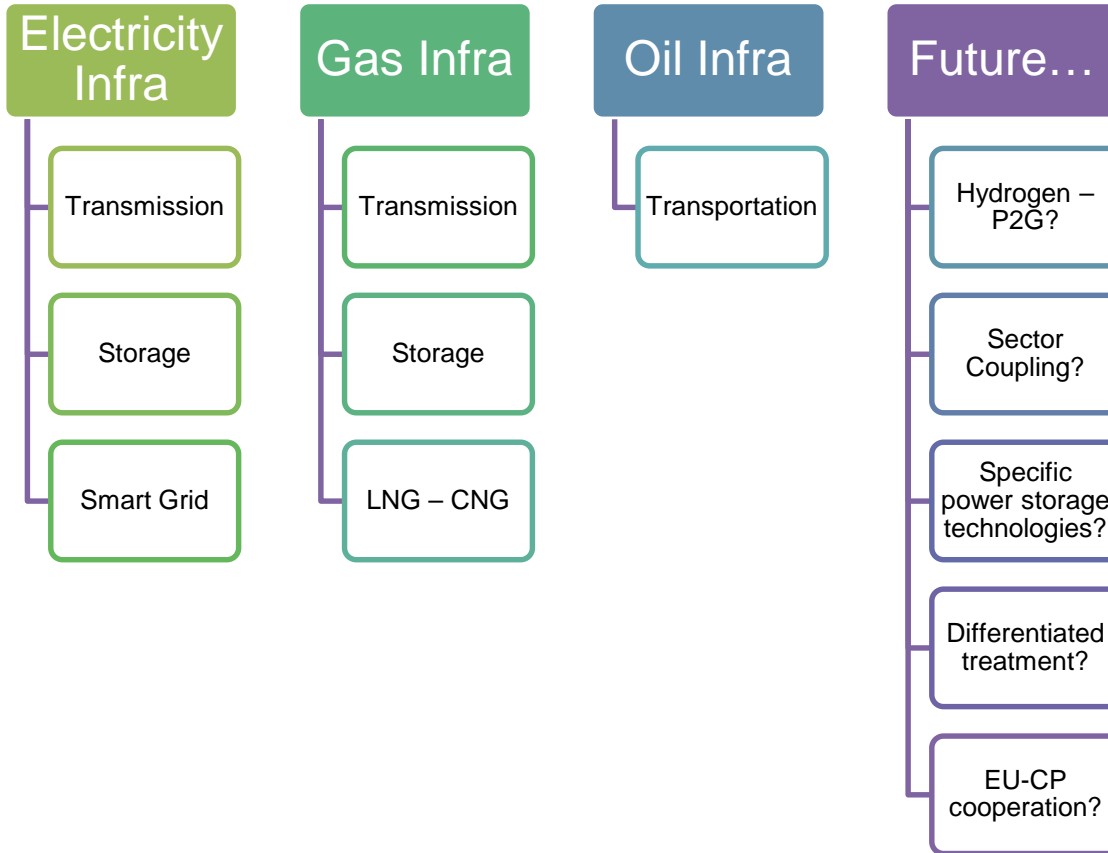


# III. Priority Projects – consulted - Gas



Project Code	Project Name	Project Promoters
GAS_01	Northern Gas Interconnection Pipeline of BiH - HR (Slobodnica (HR) – Brod (BiH) - Zenica)	BH-Gas d.o.o. Sarajevo
		Plinacro
GAS_02	Western Gas Interconnection Pipeline BiH - HR (Licka Jesenica - Trzac - Bosanska Krupa with branches to Bihac and Velika Kladusa)	BH-Gas d.o.o. Sarajevo
		Plinacro
GAS_03	Southern Gas Interconnection Pipeline BiH - HR (Zagvozd-Posusje-Novi Travnik with a main branch to Mostar)	BH-Gas d.o.o. Sarajevo
		Plinacro
GAS_04B	Gas interconnection Greece - North Macedonia	Hellenic Gas TSO (DESFA) S.A.
		JSC for performing energy
GAS_16	Ionian Adriatic Pipeline (IAP)	Plinacro d.o.o.
		Montenegro Bonus d.o.o.
		Albgaz Sh.a.
GAS_08	Gas Interconnector Serbia- Romania	BH GAS d.o.o
		White Stream Company Limited
GAS_09	Gas Interconnector Bulgaria- Serbia	White Stream
GAS_10	Gas Interconnector Serbia-Croatia	SOCAR Midstream Operations Limited
GAS_22	SCPFX	SOCAR Midstream Operations Limited
GAS_25	Trans-Balkan Corridor Bidirectional Flow between MD and UA	"Gas TSO of Ukraine" LLC
		Moldovatransgaz LLC
GAS_26	Gas Interconnection North Macedonia -Kosovo	JSC for performing energy activities NATIONAL ENERGY RESOURCES Skopje in state ownership
		Ministry of Economy, Entrepreneurship and Strategic Investments in Kosovo
GAS_27	Interconnector Romania - Ukraine	"Gas TSO of Ukraine" LLC
		SNTGN TRANSGAZ SA
GAS_28	TANAPX	State Oil Company of the Republic of Azerbaijan (SOCAR)
GAS_29	SCP Georgian Offtake Expansion for EU LNG Swap	JSC Georgian Oil and Gas Corporation
GAS_30	New Eastern gas interconnection Serbia - Bosnia and Herzegovina with new transmission pipeline Bijeljina – Banja Luka – Novi Grad and new gas hub Bijeljina	GASRES doo, Banjaluka, Bosnia and Herzegovina
		Srbijagas JP, Novi Sad, Serbia
GAS-ST_01	UGS Dumrea	Ministry of Albania

# IV. What might the future hold...?



- Regulation 347/2013 is in review process within the EU
- New infra categories supporting electrification; P2G; green hydrogen?
- New approach to financing?
- Hopefully no barrier on the EU-EnC CP border
- Adapt and adopt new Reg. in EnC
- New project assessment methodology
- Will it help the dissemination of new technologies in the EnC?
- What is



# THANK YOU FOR YOUR ATTENTION

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