

Technical support to the Energy Community and its Secretariat to assess the candidate Projects of Energy Community Interest in electricity, smart gas grids, hydrogen, electrolysers, and carbon dioxide transport and storage, in line with the EU Regulation 2022/869

- Proposal for the final list of preliminarily (pre)eligible projects-

TEN-E (PECI) Groups meeting – 3rd joint meeting of the “Electricity” and “Gases” Groups

12 March 2026

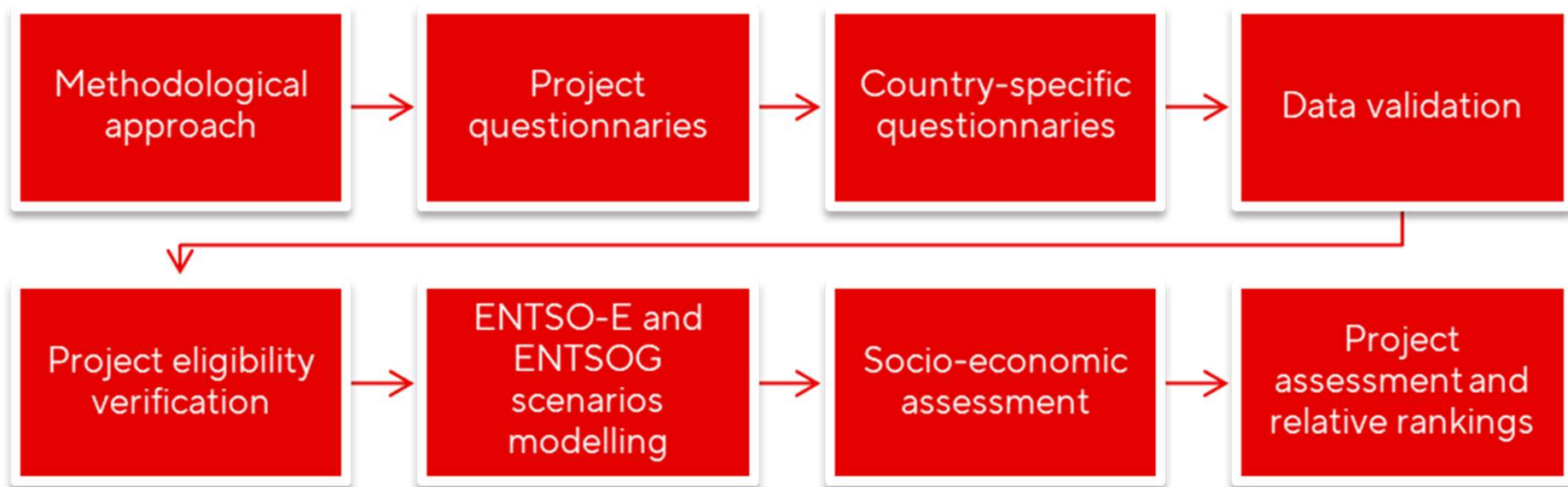
Contents



1. Project activities
2. Eligibility criteria
3. Nominated projects
4. Pre(eligible) project specifications
5. (Pre)eligible projects

Project activities

Activities during the project implementation



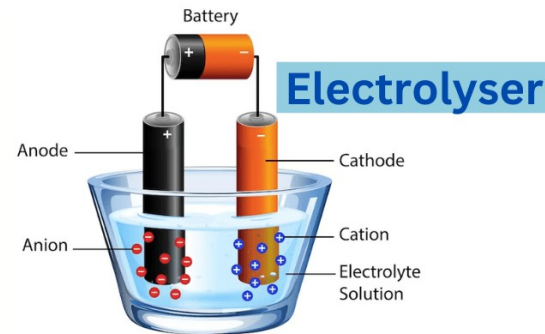
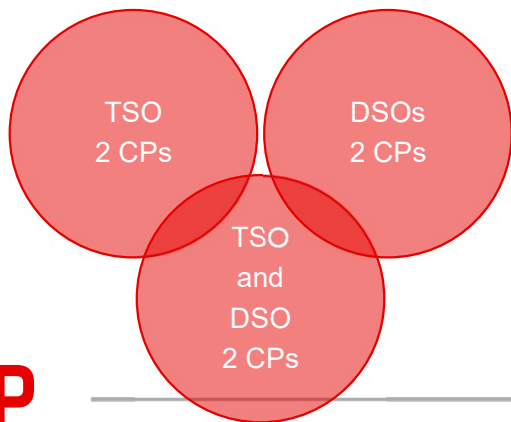
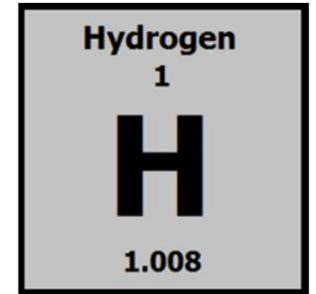
Eligibility criteria

- **Project eligibility verification** – based on the criteria defined in the TEN-E Regulation, **before the modelling activities**
- The data delivered by the project promoters were assessed to determine if each candidate project satisfies the following **general eligibility criteria**:
 - Project involves **at least two Contracting Parties** by directly or indirectly, via interconnection with a third country, crossing the border of two or more Contracting Parties;
 - Project is located on the territory **of one Contracting Parties**, either inland or offshore, including islands, and has a **significant cross-border impact**
 - Project must be a part of a **priority interconnection, corridor or area**
- The projects were further assessed for additional **specific criteria per different energy infrastructure categories** based on the Regulation and relevant methodologies

Eligibility criteria

**CROSS-BORDER
IMPACT**

**PRIORITY AREAS,
INTERCONNECTIONS
and CORRIDORS**



Eligibility criteria

- **Specific technical criteria** that projects **must** fulfill in order to be eligible:
 - **Electricity transmission** - GTC increase of at least **500 MW**;
 - **Electricity storage** – the project must contribute to market integration or security of supply of CPs;
 - **Smart electricity grids** - project involves **50 000 users, generators, consumers or prosumers** of electricity, it captures a consumption area of at least **300 GWh/year, at least 20%** of the electricity consumption linked to the project originates from variable RES, or it decreases energy isolation of non-interconnected systems in one or more CPs;
 - **Hydrogen transmission** - project enables the transmission of hydrogen across the borders of CPs concerned, or increases existing cross-border hydrogen transport capacity at a border between two CPs **by at least 10%** compared to the situation prior to the commissioning of the project;
 - **Smart gas grids** - at least one of the following specific criteria is fulfilled : network security and quality of supply by improving the efficiency and interoperability of gas transmission, distribution or storage systems in day-to-day network operation by, inter alia, addressing challenges arising from the injection of gases of various qualities; market functioning and customer services; facilitating smart energy sector integration through the creation of links to other energy carriers and sectors and enabling demand response.

Nominated projects

- **Project-specific questionnaires** - used to collect input data on **project specificities** such as technical data, which is specific for each project, and on project maturity
- Provided for 16 electricity projects and 11 gas related projects
 - 10 high and extra high overhead lines
 - 4 smart electricity grids
 - 2 energy storage
 - 5 hydrogen interconnections
 - 4 smart gas grids
 - 2 electrolysers

Out of 27 nominated projects, 8 were found (pre)*eligible

Final eligibility is proven through **CBA and MCA*

Nominated projects

- **Changes from the last meeting:**

- Model checks of NTC increase showed that two internal OHL projects **did not satisfy the 500 MW increase** demanded by TEN-E Regulation

***E06:** New Internal OHL 400 kV Mostar 4 - Banja Luka 6 (via Prijedor and Bihać)*

***E14:** Closing the 400 kV Albanian internal ring*

- One gas project remained under further evaluation

***G07:** NUR Hydrogen-Ready Smart Gas Distribution Network in Korca, Albania*

***General criteria:** it must be part of priority **areas**, connections or corridors*

Smart gas grid areas include equipment that integrates low-carbon and renewable gas sources into the network

(Pre)eligible project specifications

E01: Construction of the new interconnection, OHL 400 kV Gacko (BA) - Brezna (ME)

- *Project promoter(s)*: CGES (ME), NOSBiH/Elektroprijenos BiH (BA)
- *Infrastructure category*: High and extra high voltage overhead transmission lines
- *Commissioning year*: 2035
- *CAPEX*: 10.5 mil EUR (BA), 19.5 mil EUR (ME)
- *Project description*: New 400 kV interconnection between Bosnia and Herzegovina and Montenegro will connect SS Gacko (BA) with SS Brezna (ME), total length about 51 km (the length of the route in BA is about 18 km). The project aims to enable and support integration of a large number of RES in Bosnia and Herzegovina (region of East Herzegovina) and Montenegro (western region), enable the transfer of energy from BA to ME and avoid existing congestions between BA and ME.



(Pre)eligible project specifications

E02: Trans Balkan Corridor: Double OHL 400 kV Bajina Basta (RS) Visegrad (BA)/Pljevlja (MN)

- **Project promoter(s):** CGES (ME), NOSBiH/Elektroprijenos BiH (BA), EMS (RS)
- **Infrastructure category:** High and extra high voltage overhead transmission lines
- **Commissioning year:** 2028
- **CAPEX:** 7.3 mil EUR (BA), 16.8 mil EUR (ME)
- **Project description:** Through this project, the connection of the electric power systems of Serbia, Bosnia and Herzegovina and Montenegro will be realized, as well as construction of a 400 kV transmission line between the 400/220/110 kV Pljevlja 2, 400/220/35 kV substations Bajina Bašta (Serbia) and 400/110 kV Višegrad (Bosnia and Herzegovina). Transmission lines will be built as double circuit. As part of this system, a double transmission line will be built from SS Pljevlja 2 to the border with Serbia.



(Pre)eligible project specifications

E03: New 400 kV interconnection between Montenegro and Bosnia and Herzegovina, 400 kV overhead line Brezna-Sarajevo with construction 400/220 kV substation Piva's mountain

- *Project promoter(s)*: CGES (ME), NOSBiH/Elektroprijenos BiH (BA)
- *Infrastructure category*: High and extra high voltage overhead transmission lines
- *Commissioning year*: 2032
- *CAPEX*: 6.7 mil EUR (BA), 70 mil EUR (ME)
- *Project description*: New 400 kV interconnection between Montenegro and Bosnia and Herzegovina that would connect 400/110/35 kV substation Brezna with 400/220/110/x substation Sarajevo 20 with construction of substation 400/220 kV Piva's mountain that will be constructed in two phases.



(Pre)eligible project specifications

E04: Rehabilitation of existing 220 kV lines Trebinje (BA) – Perućica (ME) – Podgorica (ME) – Vau Dejës (AL)

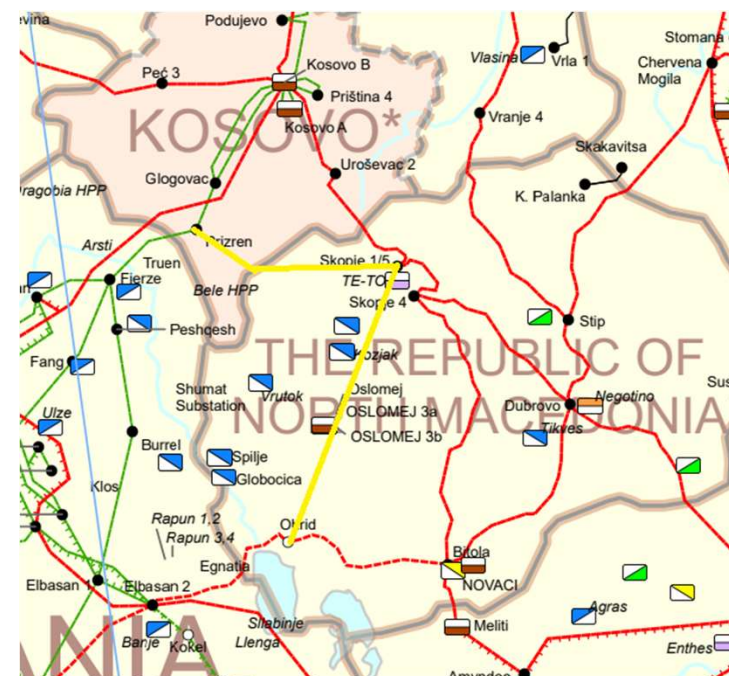
- *Project promoter(s)*: OST (AL), NOSBiH/Elektroprijenos BiH (BA), CGES (ME)
- *Infrastructure category*: High and extra high voltage overhead transmission lines
- *Commissioning year*: 2030
- *CAPEX*: 4.5 mil EUR (AL), 4.6 mil EUR (BA), 15.2 mil EUR (ME)
- *Project description*: The project of rehabilitation of overhead transmission line 220kV Trebinje Perućica Podgorica Koplík is envisioned because the existing line passes through region with demanding climatic parameters. Transmission power (720A) has been exceeded through the increase in requirements for the construction of new capacities (from renewable sources, primarily solar, but also hydro potential). Considering the requirements for the connection of renewable sources in Montenegro, Bosnia and Herzegovina and Albania, the capacity of the existing conductor of the transmission line in question, as well as its age and operating condition, it is necessary to carry out its reconstruction.



(Pre)eligible project specifications

E05: 400 kV interconnection corridor East – West, western section

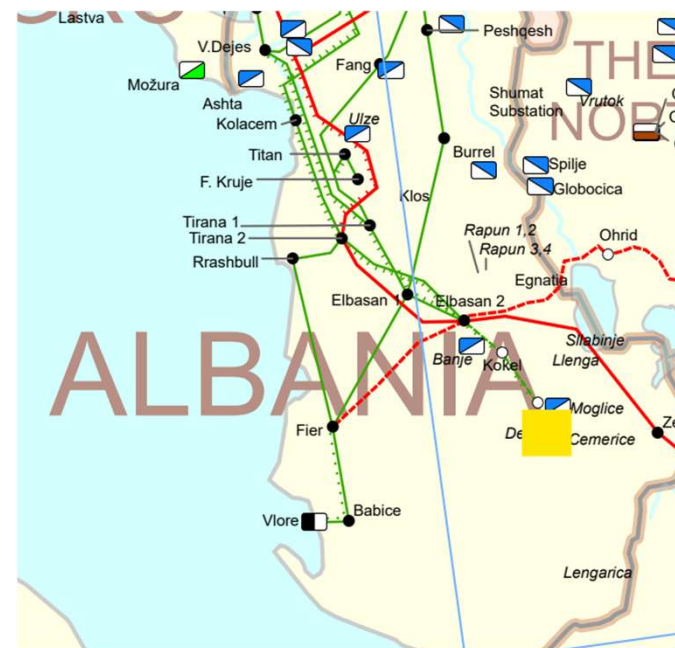
- *Project promoter(s)*: MEPSO (MK), KOSTT (XK)
- *Infrastructure category*: High and extra high voltage overhead transmission lines
- *Commissioning year*: 2030
- *CAPEX*: 137 mil EUR (MK), 16.3 mil EUR (XK)
- *Project description*: The project consists of constructing a 400 kV transmission East-West corridor: Western section, connecting Skopje (MK) and Ohrid (MK) via Tetovo (MK) with Prizren (XK). The length of the entire East-West corridor: western section is estimated to 255 km. The project will bring many benefits to the operation and the network: creation of a robust regional network and additional transmission rings between MK, XK and AL, increased cross border electricity exchange in the Western Balkans through corridor East-West, improved security and flexibility of supply, integration of large-scale RES and support of decarbonization.



(Pre)eligible project specifications

E12: Moglice Extension Pumped-Storage Hydropower Plant (PSHPP Moglice Extension)

- *Project promoter(s):* Devoll Hydropower Sh.A.
- *Infrastructure category:* Energy storage
- *Commissioning year:* 2033
- *CAPEX:* 1786 mil EUR
- *Project description:* The PSHPP Moglice Extension is a large-scale pumped-storage hydropower project in Albania, developed by Statkraft under the Devoll Hydropower Project Concession. It will utilize the existing Moglice reservoir (approx. 380 million m³) as the lower reservoir and construct a new upper reservoir (approx. 25 million m³), with an installed capacity of 1620 MW and an energy storage capacity of approximately 30 GWh. The project will provide balancing energy to Albania, Western Balkans neighbouring countries and EU neighbouring countries (Greece, Italy). It will support the integration of intermittent renewables (wind, solar), improve security of supply, and accelerate the green transition in the region.



(Pre)eligible project specifications

E13: Reconfiguration of 400 kV grid and new 400 kV interconnection Albania-Kosovo*

- *Project promoter(s)*: OST (AL), KOSTT (XK)
- *Infrastructure category*: High and extra high voltage overhead transmission lines
- *Commissioning year*: 2029
- *CAPEX*: 43 mil EUR (AL), 50.4 mil EUR (XK)
- *Project description*: The project consists of extension of SS Prizreni 2 (actual voltage 220/110 kV) to Prizreni 4, 400 kV level, and the construction of a new 400 kV interconnection between Albania and Kosovo*.



(Pre)eligible project specifications

E15: 330 kV OHL Balti (MD) - Dnestrovsk HPP-2 (UA)

- *Project promoter(s)*: SE Moldelectrica (MD), Ukrenergo (UA)
- *Infrastructure category*: High and extra high voltage overhead transmission lines
- *Commissioning year*: 2032
- *CAPEX*: 15 mil EUR (MD), 39 mil EUR (UA)
- *Project description*: The goal of this project is the strengthening of electricity interconnection between Republic of Moldova and Ukraine. The project will contribute to electricity market development and security of supply of both countries. Also, the project will have a positive impact on increasing the NTC between both countries, opening the possibility to integrate more renewables in the area.



(Pre)eligible projects



E01: Construction of the new interconnection, OHL 400 kV Gacko (BA) - Brezna (ME)

E02: Trans Balkan Corridor: Double OHL 400 kV Bajina Basta (RS)– Visegrad (BA)/Pljevlja (MN)

E03: New 400 kV interconnection between Montenegro and Bosnia and Herzegovina, 400kV overhead line Brezna-Sarajevo with construction 400/220 kV substation Piva's mountain

E04: Rehabilitation of existing 220 kV lines Trebinje (BA) – Perućica (ME) – Podgorica (ME) – Vau Dejës (AL)

E05: 400 kV interconnection corridor East – West

E12: Moglice Extension Pumped-Storage Hydropower Plant (PS Moglice Extension)

E13: Reconfiguration of 400kV grid and new 400 kV interconnection Albania-Kosovo

E15: 330 kV OHL Balti (MD) - Dnestrovsk HPP-2 (UA)

Thank you for your attention



Contacts:

Goran Majstrović, gmajstrovic@eihp.hr

Ivana Milinković Turalija, imilinkovic@eihp.hr

Lucija Išlić, lislic@eihp.hr

Daniel Golja, dgolja@eihp.hr

Dražen Balić, dbalic@eihp.hr

Jurica Brajković, jbrajkovic@eihp.hr

Energy Institute Hrvoje Požar

www.eihp.hr