



2024/1041

8.4.2024

COMMISSION DELEGATED REGULATION (EU) 2024/1041

of 28 November 2023

amending Regulation (EU) 2022/869 of the European Parliament and of the Council as regards the Union list of projects of common interest and projects of mutual interest

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) 2022/869 of the European Parliament and of the Council of 30 May 2022 on guidelines for trans-European energy infrastructure, amending Regulations (EC) No 715/2009, (EU) 2019/942 and (EU) 2019/943 and Directives 2009/73/EC and (EU) 2019/944, and repealing Regulation (EU) No 347/2013 ⁽¹⁾, and in particular Article 3(4) thereof,

Whereas:

- (1) Regulation (EU) 2022/869 establishes a framework for the identification, planning and implementation of projects of common interest ('PCIs') which are required to implement the 11 strategic geographical energy infrastructure priority corridors identified in the fields of electricity, offshore grids, hydrogen and electrolysers, and the three Union-wide energy infrastructure priority areas for smart electricity grids, smart gas grids and carbon dioxide transportation networks and a framework for the identification, planning and implementation of projects of mutual interest ('PMIs') developed by the Union together with third countries in the fields of electricity, hydrogen and carbon dioxide transportation networks.
- (2) In line with Article 3(4) of Regulation (EU) 2022/869, the Commission should adopt the delegated act establishing the first Union list pursuant to Regulation (EU) 2022/869 by 30 November 2023.
- (3) The eligible projects proposed for the inclusion in the Union list were all assessed against the sustainability criterion mandatory for all project categories in line with Regulation (EU) 2022/869. Only the projects that demonstrated significant contributions to sustainability were further assessed by the regional groups referred to in Article 3 of Regulation (EU) 2022/869 who confirmed that they meet the criteria laid down in Article 4 of that Regulation.
- (4) The Commission has assessed the candidate projects in view of the requirements of Article 3(5).
- (5) The draft regional lists of PCIs/PMIs were agreed by the regional groups at technical-level meetings.
- (6) Following the opinions of the Agency for the Cooperation of Energy Regulators (ACER) on 21 September 2023 on the consistent application of the assessment criteria and the cost/benefit analysis across regions, the regional groups' decision-making bodies adopted the final regional lists on 25 October 2023. Pursuant to Article 3(3)(a) of Regulation (EU) 2022/869, prior to the adoption of the regional lists, all proposed projects were approved by the Member States to whose territory the projects relate.
- (7) The projects proposed for inclusion in the Union list were subject to a public consultation. Moreover, organisations representing relevant stakeholders, including representatives of third countries, producers, distribution system operators, suppliers, local populations and consumer and environmental protection organisations were invited to the technical discussions in the regional groups and consulted on the projects proposed for inclusion in the Union list.

⁽¹⁾ OJ L 152, 3.6.2022, p. 45.

- (8) PCIs should be listed per strategic trans-European energy infrastructure priorities in the order laid down in Annex I to Regulation (EU) 2022/869. PMIs, which are not required to implement the energy infrastructure priority corridors and areas set out in Annex I of the TEN-E Regulation, should be listed separately as per the infrastructure category they belong to and the region where they are located.
- (9) PCIs/PMIs should be listed either as stand-alone PCIs/PMIs or as a part of a cluster of several PCIs and PMIs because they are interdependent or (potentially) competing.
- (10) In line with the derogation provided by Article 24 of Regulation (EU) 2022/869 in the case of Cyprus and Malta regarding one interconnection for each of those Member States, the Commission has received the documentation required in line with paragraphs (1) and (2) of Article 24. The respective projects were presented during the technical regional group meetings and the relevant documentation, excluding business secrets, was published. One interconnection for Malta and one interconnection for Cyprus, necessary to interconnect those Member States to the trans-European gas network, should, therefore, maintain their status of projects of common interest.
- (11) The Union list contains projects at different stages of their development, including pre-feasibility, feasibility, permitting and construction. For PCIs/PMIs at an early development stage, studies may be needed to demonstrate technical and economic viability and compliance with Union legislation, including environmental legislation. In this context, potential negative impacts on the environment should be adequately identified, assessed and avoided or mitigated. Moreover, relevant climate adaptation measures as regards the development of the projects should be identified and taken into consideration.
- (12) The inclusion of projects on the Union list is without prejudice to the outcome of the relevant environmental assessment and permit procedure.
- (13) The first Union list of PCIs and PMIs should be adopted accordingly,

HAS ADOPTED THIS REGULATION:

Article 1

The first Union list of projects of common interest and projects of mutual interest in accordance with the Annex to this Regulation is adopted.

Article 2

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union* and shall remain in force until the entry into force of the delegated regulation enacting the second Union list of projects of common interest and projects of mutual interest.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 28 November 2023.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

Annex VII to Regulation (EU) 2022/869 replacing annex VII of the Regulation (EU) No 347/2013 of the European Parliament and of the Council ⁽¹⁾.

'ANNEX VII

**THE UNION LIST OF PROJECTS OF COMMON INTEREST AND PROJECTS OF MUTUAL INTEREST
("UNION LIST"),**

referred to in Article 3(4)

A. PRINCIPLES APPLIED IN ESTABLISHING THE UNION LIST

(1) Clusters of PCIs and PMIs

Some PCIs form part of a cluster because of their interdependent, potentially competing or competing nature. The following types of clusters of PCIs/PMIs are established:

- a **cluster of interdependent PCIs/PMIs** is defined as a "Cluster X, including the following PCIs/PMIs:". Such cluster has been formed to identify PCIs/PMIs that are all needed to address the same bottleneck across country borders and provide synergies if implemented together. In this case, all the PCIs/PMIs have to be implemented to realise the EU-wide benefits;
- a **cluster of potentially competing PCIs/PMIs** is defined as a "Cluster X, including one or more of the following PCIs:". Such cluster reflects an uncertainty around the extent of the bottleneck across country borders. In this case, not all the PCIs/PMIs included in the cluster have to be implemented. It is left to the market to determine whether one, several or all PCIs/PMIs are to be implemented, subject to the necessary planning, permit and regulatory approvals. The need for the PCIs/PMIs shall be reassessed in a subsequent PCIs/PMIs identification process, including with regard to the capacity needs; and
- a **cluster of competing PCIs/PMIs** is defined as a "Cluster X, including one of the following PCIs/PMIs:". Such cluster addresses the same bottleneck. However, the extent of the bottleneck is more certain than in the case of a cluster of potentially competing PCIs/PMIs, and therefore, it has been determined that only one PCI/PMI has to be implemented. It is left to the market to determine which PCI/PMI is to be implemented, subject to the necessary planning, permit and regulatory approvals. Where necessary, the need for PCIs/PMIs shall be reassessed in a subsequent PCIs/PMIs identification process.
- a **generic corridor** reflects certain significant infrastructure needs that have been identified which could not be adequately addressed by the submitted projects.

All PCIs/PMIs are subject to the rights and obligations established under Regulation (EU) 2022/869.

(2) Treatment of substations and compressor stations

Substations and back-to-back electricity stations and compressor stations are considered as parts of PCIs/PMIs if they are geographically located on transmission lines or next to pipelines, as the case may be. Substations, back-to-back stations and compressor stations are considered as stand-alone PCIs and are explicitly listed on the Union list if their geographical location is different from transmission lines or pipelines as the case may be. They are subject to the rights and obligations laid down in Regulation (EU) 2022/869.

(3) Non-eligible parts of the PCI/PMI projects

Some PCI/PMI projects include one or more non-eligible investments within their composition. These investments, listed below, are not to be considered as part of the Union List.

- Section Guitiriz – Zamora (part of PCI 9.1.3)
- Section Saint Martin de Crau – Cruzy (part of PCI of 9.1.5)

⁽¹⁾ Regulation (EU) No 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure and repealing Decision No 1364/2006/EC and amending Regulations (EC) No 713/2009, (EC) No 714/2009 and (EC) No 715/2009 (OJ L 115, 25.4.2013, p. 39).

- Section Freiburg – Offenbach (part of PCI 9.2.1)
- Section Limburg area and its connection to the North-South backbone in East of NL (part of PCI 9.6)
- Ship (part of PCI 9.13.1)
- Section Poggio Renatico – Gries Pass (part of PCI 10.1.1)
- Section Karperi – Komotimi (part of PCI 10.3.1)
- Section Kiruna – Lulea (part of PCI 11.1)
- 4 internal sections of the Finnish pipeline Kyröskoski; Imatra; Loviisa, through Kotka and Porvoo through Tolkinen (geographical references are approximate and solely given as indications) (part of PCI 11.2)
- Pipeline in LT connecting to Klaipeda (part of PCI 11.2)
- Section Magdeburg – Potsdam (geographical references are approximate and solely given as indications) (part of PCI 11.2)
- Paperless workflow management, voicebot and chatbot, workforce management automation, joint auctions SK-UA and assets for tourism cave (part of PCI 12.3)

(4) Projects that changed their PCI number compared to the previous Union list

Projects part of the previous Union list under the repealed Regulation (EU) No 347/2013 change their PCI number due to reordering or to newly added priority corridors in the Regulation (EU) 2022/869. This relates to some projects part of the following categories: electricity, smart electricity grids and CO₂ networks. In this case, the previous PCI number is mentioned, for information purpose only, under the project name.

B. THE UNION LIST OF PROJECTS OF COMMON INTEREST AND PROJECTS OF MUTUAL INTEREST

(1) North-South electricity interconnections in Western Europe (NSI West Electricity)

Projects of common interest developed in the region:

No.	Definition
1.1	Portugal – Spain interconnection between Beariz – Fontefría (ES), Fontefria (ES) – Ponte de Lima (PT) and Ponte de Lima – Vila Nova de Famalicão (PT), including substations in Beariz (ES), Fontefría (ES) and Ponte de Lima (PT) (No 2.17 on the fifth PCI list)
1.2	Interconnection between Gatica (ES) and Cubnezais (FR) [currently known as “Biscay Gulf”] (No 2.7 on the fifth PCI list)
1.3	Interconnection between La Martyre (FR) and Great Island or Knockraha (IE) [currently known as “Celtic Interconnector”] (No 1.6 on the fifth PCI list)
1.4	Cluster of internal lines in Germany, including the following PCIs: <ul style="list-style-type: none"> 1.4.1 Internal line from Emden-East to Osterath to increase capacity from Northern Germany to the Rhineland [currently known as “A-Nord”] (No 2.31.1 on the fifth PCI list) 1.4.2 Internal line between Heide/West to Polsum to increase capacity from Northern Germany to the Ruhr-Area [currently known as “Korridor B”] (No 2.31.2 on the fifth PCI list) 1.4.3 Internal line from Wilhelmshaven to Uentrop to increase capacity from Northern Germany to the Ruhr-Area [currently known as “Korridor B”] (No 2.31.3 on the fifth PCI list)
1.5	Internal line in Germany between Brunsbüttel/Wilster to Großgartach/Grafenrheinfeld to increase capacity at Northern and Southern borders [currently known as “Suedlink”] (No 2.10 on the fifth PCI list)

1.6	Internal line between Osterath and Philippsburg (DE) to increase capacity at Western borders [currently known as “Ultranet”] (No 2.9 on the fifth PCI list)
1.7	1.7.1 Interconnection between Navarra (ES) and Landes (FR) [currently known as “Pyrenean crossing 1”] (No 2.27.2 on the fifth PCI list) 1.7.2 Interconnection between Aragón region (ES) and Marsillon (FR) [currently known as “Pyrenean crossing 2”] (No 2.27.1 on the fifth PCI list)
1.8	Interconnection between Lonny (FR) and Gramme (BE) (No 2.32 on the fifth PCI list)
1.9	Internal lines at the Belgian north border between Zandvliet and Lillo-Liefkenshoek (BE), and between Liefkenshoek and Mercator, including a substation in Lillo (BE) [currently known as “BRABO II + III”] (No 2.23 on the fifth PCI list)
1.10	Interconnection between mainland Italy – Corsica (FR) and Sardinia (IT) [currently known as “SACOI 3”] (No 2.4 on the fifth PCI list)
1.11	Kaunertal Storage Extension Project (AT) (No 2.18 on the fifth PCI list)
1.12	Purifying-Pumped Hydroelectric Energy Storage NAVALEO (ES) (No 2.28.2 on the fifth PCI list)
1.13	Silvermines Pumped Hydroelectric Energy Storage (IE) (No 2.29 on the fifth PCI list)
1.14	Pumped Hydroelectric Energy Storage RIEDL (DE) (No 2.30 on the fifth PCI list)
1.15	Reversible Hydraulic Pumped Energy Storage LOS GUAJARES (ES)
1.16	Green Hydrogen Hub Denmark Compressed Air Energy Storage (DK) (No 1.21 on the fifth PCI list)
1.17	Pumped Hydroelectric Energy Storage WSK PULS (DE)
1.18	Reversible Hydraulic Pumped Energy Storage AGUAYO II (ES)

Projects of mutual interest developed in the region:

No	Definition
1.19	Interconnection between Sicily (IT) and Tunisia node (TN) [currently known as “ELMED”] (No 2.33 on the fifth PCI list)
1.20	Interconnection between Zeebrugge area (BE) and Kemsley, Kent (UK) [currently known as “Cronos”]
1.21	Interconnection between Emden areas (DE) and Corringham, Essex (UK) [currently known as “Tarchon”]

(2) **North-South electricity interconnections in Central Eastern and South Eastern Europe (NSI East Electricity)**

Projects of common interest developed in the region:

No	Definition
2.1	Cluster Austria – Germany, including the following PCIs: 2.1.1 Interconnection between Isar/Altheim/Ottenhofen (DE) – St.Peter (AT) (No 3.1.1 on the fifth PCI list) 2.1.2 Internal line between St. Peter and Tauern (AT) (No 3.1.2 on the fifth PCI list) 2.1.3 Internal line between Westtirol – Zell/Ziller (AT) (No 3.1.4 on the fifth PCI list) 2.1.4 Interconnector between Pleinting (DE) – St.Peter (AT)
2.2	Internal line in Germany between Wolmirstedt and Isar [currently known as “SuedOstLink”] (No 3.12 on the fifth PCI list)

2.3	Cluster of internal lines in Czechia, including the following: 2.3.1 Internal line between Vernerov and Vitkov (No 3.11.1 on the fifth PCI list) 2.3.2 Internal line between Prestice and Kocin (No 3.11.3 on the fifth PCI list) 2.3.3 Internal line between Kocin and Mirovka (No 3.11.4 on the fifth PCI list)
2.4	Interconnector between Würmlach (AT) – Somplago (IT) (No 3.4 on the fourth PCI list)
2.5	Cluster Hungary – Romania including the following PCIs: 2.5.1 Interconnector between Józsa (HU) and Oradea (RO) 2.5.2 Internal line between Urechesti (RO) and Targu Jiu (RO) 2.5.3 Internal line between Targu Jiu (RO) and Paroseni (RO) 2.5.4 Internal line between Paroseni (RO) and Baru Mare (RO) 2.5.5 Internal line between Baru Mare (RO) and Hasdat (RO)
2.6	Cluster Israel – Cyprus – Greece currently known as “EuroAsia Interconnector”, including the following PCIs 2.6.1 Interconnection between Hadera (IL) and Kofinou (CY) (No 3.10.1 on the fifth PCI list) 2.6.2 Interconnection between Kofinou (CY) and Korakia, Crete (EL) (No 3.10.2 on the fifth PCI list)
2.7	Interconnector between Otrokovice (CZ) – Ladce (SK)
2.8	Interconnector between Lienz (AT) – Veneto region (IT) (No 3.2.1 on the second PCI list)
2.9	Hydro-pumped storage in Amfilochia (EL) (No 3.24 on the fifth PCI list)
2.10	Ptolemaida Battery Energy Storage System (EL)
2.11	Modernisation of Pumped Hydroelectric Energy Storage in Čierny Váh (SK) [currently known as “SE Integrator”]

Projects of mutual interest developed in the region:

No	Definition
2.12	Interconnector between Subotica (RS) and Sándorfalva (HU)
2.13	Interconnection between Wadi El Natroon (EG) and Mesogeia/St Stefanos (EL) [currently known as “GREGY Interconnector”]

(3) Baltic Energy Market Interconnection Plan in electricity (BEMIP Electricity)

Projects of common interest developed in the region:

No	Definition
3.1	Internal line between Stanisławów and Ostrołęka (PL) (No 4.5.2 on the fifth PCI list)
3.2	Hydro-pumped electricity storage in Estonia (No 4.6 on the fifth PCI list)
3.3	Integration and synchronisation of the Baltic States’ electricity system with the European networks, including the following PCIs: 3.3.1 Interconnection between Tsirguliina (EE) and Valmiera (LV) (No 4.8.3 on the fifth PCI list) 3.3.2 Internal line between Viru and Tsirguliina (EE) (No 4.8.4 on the fifth PCI list) 3.3.3 Internal line between Paide and Sindi (EE) (No 4.8.7 on the fifth PCI list) 3.3.4 Internal line between Vilnius and Neris (LT) (No 4.8.8 on the fifth PCI list) 3.3.5 Further infrastructure aspects related to the implementation of the synchronisation of the Baltic States’ system with the continental European network (No 4.8.9 on the fifth PCI list) 3.3.6 Interconnection between Lithuania and Poland [currently known as “Harmony Link”] (No 4.8.10 on the fifth PCI list) 3.3.7 New 330kV Mūša substation (LT) (No 4.8.13 on the fifth PCI list) 3.3.8 Internal line between Bitenai and KHAE (LT) (No 4.8.14 on the fifth PCI list) 3.3.9 New 330kV Darbėnai substation (LT) (No 4.8.15 on the fifth PCI list) 3.3.10 Internal line between Darbenai and Bitenai (LT) (No 4.8.16 on the fifth PCI list) 3.3.11 Internal line between Dunowo and Żydowo Kierzkowo (PL) (No 4.8.18 on the fifth PCI list) 3.3.12 Internal line between Piła Krzewina and Żydowo Kierzkowo (PL) (No 4.8.19 on the fifth PCI list) 3.3.13 Internal line between Morzyczyn-Dunowo-Słupsk-Żarnowiec (PL) (No 4.8.21 on the fifth PCI list) 3.3.14 Internal line between Żarnowiec-Gdańsk/Gdańsk Przyjaźń-Gdańsk Błonia (PL) (No 4.8.22 on the fifth PCI list) 3.3.15 Synchronous condensers providing inertia, voltage stability, frequency stability and short-circuit power in Lithuania, Latvia and Estonia (No 4.8.23 on the fifth PCI list)

3.4	Third interconnection between Finland – Sweden [currently known as “Aurora line”], including the following PCIs: 3.4.1 Interconnection between northern Finland and northern Sweden (No 4.10.1 on the fifth PCI list) 3.4.2 Internal line between Keminmaa and Pyhänselkä (FI) (No 4.10.2 on the fifth PCI list)
3.5	Fourth interconnection between Finland – Sweden [currently known as “Aurora line 2”]
3.6	Interconnection between Finland and Estonia [currently known as “Estlink 3”]

(4) Northern Seas offshore grids (NSOG)

Projects of common interest developed in the region:

No	Definition
4.1	One or more hubs in the North Sea with interconnectors to bordering North Sea countries (Denmark, the Netherlands and Germany) [currently known as “North Sea Wind Power Hub”] (No 1.19 on the fifth PCI list)
4.2	Offshore hybrid interconnector between Belgium and Denmark [currently known as “Triton Link”]
4.3	High voltage offshore substation and connection to Menuel (FR) [currently known as “Offshore Wind connection Centre Manche 1”]
4.4	High voltage offshore substation and connection to Tourbe (FR) [currently known as “Offshore Wind connection Centre Manche 2”]

Projects of mutual interest developed in the region:

No	Definition
4.5	Multi-purpose interconnector between Modular Offshore Grid 2 (BE) and Leisten (UK) [currently known as “Nautilus”] (No 1.15 on the fourth PCI list)
4.6	Multi-purpose HVDC interconnection between Great Britain and the Netherlands [currently known as “Lion-LionLink”]

(5) Baltic Energy Market Interconnection Plan offshore grids (BEMIP offshore)

Projects of common interest developed in the region:

No	Definition
5.1	Latvia and Estonia Hybrid Offshore interconnector [currently known as “Elwind”]
5.2	Bornholm Energy Island (BEI) Hybrid Offshore interconnector between Denmark and Germany

(6) South and West offshore grids (SW offshore)

Projects of common interest developed in the region:

No	Definition
6.1	Offshore Wind Connection Occitanie (FR)
6.2	Offshore Wind Connection PACA (FR)

(7) South and East offshore grids (SE offshore)

No projects were submitted for this corridor.

(8) Atlantic offshore grids

Projects of common interest developed in the region:

No	Definition
8.1	Offshore Wind Connection South Brittany (FR)
8.2	Offshore Wind Connection South Atlantic (FR)

(9) Hydrogen interconnections in Western Europe (HI West)

Projects of common interest developed in the region:

No	Definition
9.1	Corridor Portugal – Spain – France – Germany: 9.1.1 Internal hydrogen infrastructure in Portugal 9.1.2 Hydrogen interconnector Portugal – Spain 9.1.3 Internal hydrogen infrastructure in Spain 9.1.4 Hydrogen interconnector Spain – France [currently known as BarMar] 9.1.5 Internal hydrogen infrastructure in France connecting to Germany [currently known as HyFen] 9.1.6 Internal hydrogen infrastructure in Germany connecting to France [currently known as H2Hercules South]
9.2	France – Germany cross-border hydrogen valleys: 9.2.1 Hydrogen valley in Germany to the French border [currently known as RHYn] 9.2.2 Hydrogen valley in France to the German border [currently known as Mosahyc]
9.3	Internal hydrogen infrastructure in France to the Belgium border [currently known as Franco-Belgian H2 corridor]
9.4	Internal hydrogen infrastructure in Germany [currently known as H2ercules West]
9.5	Internal hydrogen infrastructure in Belgium [currently known as Belgian Hydrogen Backbone]
9.6	Internal hydrogen infrastructure in the Netherlands [currently known as National Hydrogen Backbone]
9.7	Hydrogen interconnectors National Hydrogen Backbone (NL) – Germany: 9.7.1 Hydrogen interconnector from the North-South backbone in East to Oude (NL) – H2ercules North (DE) 9.7.2 Hydrogen interconnector from the North-South backbone in East to Vlieghuis (NL) – Vlieghuis – Ochtrup (DE) 9.7.3 Hydrogen interconnector from Netherlands to Germany (currently known as Delta Rhine Corridor H2)
9.8	Offshore hydrogen pipeline Germany [currently known as AquaDuctus]
9.9	Hydrogen interconnector Denmark – Germany: 9.9.1 Internal hydrogen infrastructure in Germany [currently known as HyperLink III] 9.9.2 Internal hydrogen infrastructure in Denmark [currently known as DK Hydrogen Pipeline West]
9.10	Ammonia reception facilities in Belgium: 9.10.1 Ammonia reception facility Antwerp 9.10.2 Ammonia reception facility Amplifhy Antwerp 9.10.3 Zeebrugge New Molecules development ammonia reception facility
9.11	Ammonia reception facilities in Germany: 9.11.1 Ammonia reception facility terminal Brunsbüttel 9.11.2 Ammonia reception facility Wilhelmshaven (BP) 9.11.3 Ammonia reception facility Wilhelmshaven (Uniper)
9.12	Reception facilities in the Netherlands: 9.12.1 Rotterdam LH2 reception facility 9.12.2 Ammonia reception facility Amplifhy Rotterdam 9.12.3 Ammonia reception facility ACE Rotterdam
9.13	Ammonia reception facility Dunkerque (FR)

9.14	H2Sines.RDAM electrolyser (PT)
9.15	Electrolyser facilities in Spain: 9.15.1 Tarragona hydrogen network electrolyser 9.15.2 Bilbao large scale electrolyser 9.15.3 Cartagena large scale electrolyser 9.15.4 Valle andaluz del hidrógeno verde electrolyser 9.15.5 Asturias H2 valley electrolyser
9.16	Electrolyser facilities in France: 9.16.1 CarlHYng electrolyser 9.16.2 Emil'Hy electrolyser 9.16.3 HyGreen electrolyser 9.16.4 H2V Valenciennes electrolyser 9.16.5 H2Thionville electrolyser
9.17	Electrolyser facilities in the Netherlands: 9.17.1 Enecolyser electrolyser 9.17.2 H2-Fifty electrolyser 9.17.3 SeaH2Land electrolyser
9.18	Electrolyser facilities in the Germany: 9.18.1 GreenWilhelmshaven electrolyser 9.18.2 CHC Wilhelmshaven electrolyser
9.19	Jytske Banke electrolyser (DK)
9.20	Danish Hydrogen Storage (DK)
9.21	Hystock Opslag H2 storage (NL)
9.22	Hydrogen storages in Germany: 9.22.1 Salthy hydrogen storage Harsefeld 9.22.2 H2 Storage Gronau-Epe
9.23	Storage GeoH2 (FR)
9.24	Hydrogen storages in Spain: 9.24.1 H2 storage North – 1 9.24.2 H2 storage North – 2

Projects of mutual interest developed in the region:

No	Definition
9.25	Offshore hydrogen pipeline Norway – Germany [currently known as CHE Pipeline]

(10) Hydrogen interconnections in Central Eastern and South Eastern Europe (HI East)

Projects of common interest developed in the region:

No	Definition
10.1	Hydrogen corridor Italy – Austria – Germany: 10.1.1 Internal hydrogen infrastructure in Italy [currently known as Italian H2 Backbone] 10.1.2 Internal hydrogen infrastructure in Austria [currently known as H2 Readiness of the TAG pipeline system] 10.1.3 Internal hydrogen infrastructure in Austria [currently known as H2 Backbone WAG and Penta West] 10.1.4 Internal hydrogen infrastructure in Germany [currently known as HyPipe Bavaria – The Hydrogen Hub]
10.2	Hydrogen interconnector between Czechia and Germany: 10.2.1 Internal hydrogen infrastructure in Czechia towards Germany 10.2.2 Internal hydrogen infrastructure in Germany [currently known as FLOW East – Making Hydrogen Happen]

10.3	Hydrogen interconnector between Greece and Bulgaria: 10.3.1 Internal hydrogen infrastructure in Greece towards the Bulgarian border 10.3.2 Internal hydrogen infrastructure in Bulgaria towards the Greece border
10.4	Generic corridor aiming to transmit hydrogen from Ukraine to Slovakia, Czechia, Austria and Germany

(11) Baltic Energy Market Interconnection Plan in hydrogen (BEMIP Hydrogen)

Projects of common interest developed in the region:

No	Definition
11.1	Hydrogen interconnector between Sweden and Finland [currently known as Nordic Hydrogen Route – Bothnian Bay]
11.2	Hydrogen interconnector between Finland, Estonia, Latvia, Lithuania, Poland and Germany [currently known as Nordic-Baltic Hydrogen Corridor]
11.3	Hydrogen interconnector between Sweden, Finland and Germany [currently known as the Baltic Sea Hydrogen Collector]

(12) Priority Thematic Area Smart electricity grids deployment

Projects of common interest developed in the thematic area:

No	Definition
12.1	ACON – Again COConnected Networks (CZ, SK), to foster the integration of the Czech and Slovak electricity markets by improving efficiency of distribution networks (No 10.4 on the fifth PCI list)
12.2	CARMEN (BG, RO), to reinforce cross-border TSO-TSO cooperation and data sharing, enhance TSO-DSO cooperation, invest in grid expansion and increase capacity for integration of new renewables and improve grid stability, security and flexibility (No 10.10 on the fifth PCI list)
12.3	Danube InGrid (HU, SK), to efficiently integrate the behaviour and actions of all market users connected to the electricity networks in Hungary and Slovakia (No 10.7 on the fifth PCI list)
12.4	Gabreta Smart Grids (CZ, DE), to increase grid hosting capacity, enable remote monitoring and control of MV grids and improve grid observability and network planning (No 10.11 on the fifth PCI list)
12.5	GreenSwitch (AT, HR, SI), to increase hosting capacity for distributed renewable sources and efficient integration of new loads, improving observability of the distribution network and increasing cross-border capacity (No 10.12 on the fifth PCI list)

(13) Priority Thematic Area Cross-border carbon dioxide network

Projects of common interest developed in the thematic area:

No	Definition
13.1	CO ₂ TransPorts will establish infrastructure to facilitate large-scale capture, transport and storage of CO ₂ from the Rotterdam, Antwerp and North Sea Port areas (No 12.3 on the fifth PCI list)
13.2	Aramis – cross-border CO ₂ transport and storage project, intake from emitters in the hinterland of the Rotterdam harbour area, pipe transport to storage on the Dutch continental shelf (No 12.7 on the fifth PCI list)
13.3	ECO2CEE – open-access cross-border CO ₂ transport and storage project with projected storages sites in Denmark, Norway, Netherlands and UK (extension of No 12.9 on the fifth PCI list)
13.4	Bifrost – transport and storage project with offshore storage in DK from emitters from Denmark, Germany and Poland
13.5	Callisto – development of multi-modal CO ₂ hubs in the Mediterranean storing CO ₂ emissions from France and Italy

13.6	CCS Baltic Consortium – cross-border CO ₂ transport via rail between Latvia and Lithuania with a multi-modal LCO ₂ terminal based in Klaipeda
13.7	Delta Rhine Corridor – project to transport CO ₂ via pipelines from emitters in the Ruhr area in Germany and the Rotterdam area in the Netherlands to offshore storage off the Dutch coast
13.8	EU2NSEA – cross-border CO ₂ network developed between Belgium, Germany and Norway to also collect CO ₂ from DK, FR, LV, NL, PL and SE, with storage on the Norwegian continental shelf
13.9	GT CCS Croatia – construction of pipeline transport infrastructure in Croatia and Hungary, with underground storage in HR
13.10	Norne – transport infrastructure in Denmark with onshore and possibly offshore storage, emitters primarily from DK, SE, BE and UK will transport to DK via ship
13.11	Prinos – Offshore storage at Prinos field for emissions from EL, by pipeline, and from BG, HR, CY, EL, IT and SI by ship
13.12	Pycasso – transport and storage of CO ₂ in onshore storage site in southwestern FR, industrial emitters from FR and ES

Projects of mutual interest developed in the thematic area:

No	Definition
13.13	Northern Lights – a CO ₂ cross-border connection project between several European capture initiatives (among others Belgium, Germany, Ireland, France, Sweden) transport by ship to storage on the Norwegian continental shelf (No 12.4 on the fifth PCI list)
13.14	Nautilus CCS – Emissions from Le Havre, Dunkirk, Duisburg and Rogaland areas to be captured and transported by ship to various sinks in the North Sea (extension of No 12.8 on the fifth PCI list)

(14) Priority Thematic Area Smart gas grids

No submitted projects were found eligible for this category.

(15) Projects that maintain their status of project of common interest (Article 24 derogation)

No	Definition
15.1	Connection of Malta to the European gas network – pipeline interconnection with Italy at Gela (No 5.19 on the fifth PCI list)
15.2	Pipeline from the East Mediterranean gas reserves to Greece mainland via Cyprus and Crete [currently known as “EastMed Pipeline”], with metering and regulating station at Megalopoli (No 7.3.1. on the fifth PCI list)