Cluster Report ‘Climate, Energy and Mobility’

ERA-LEARN, Discussion paper

15.05.2019

Tour de Table

first-name	LAST-NAME	BADGE/TABLE	which-networks-and-initiatives-are-you-representing
Lucie	BEAUMEL	GREEN VEHICLES INITIATIVE	European Green Vehicles Initiative Association
Beata	BIBROWSKA	JPI URBAN EUROPE	JPI URBAN EUROPE
Karen	BÖHME	JPI URBAN EUROPE	JPI Urban Europe, EXPAND, SUGI
Jonas	BYLUND	JPI URBAN EUROPE	JPI Urban Europe
Almudena	CARRERO		ACT,ERA.MIN, ERA4CS, AXIS, GEOTHERMIA, SOLAR ERANET, BIODIVERSCEN,
Evelyn	ECHEVERRIA		German Federal Ministry of Research and Innovation, NKS-Umwelt
Jan-Arne	EILERTSEN	ERA-LEARN	ERA-LEARN
Michael	ERDMANN	EUROFUSION	EUROfusion Coordinator Unit
Hans Arne	FRØYSTEIN	EURAMET/ EMPIR	EURAMET eV and EMPIR
Emilia	GENANGELI	EUROFUSION	EUROfusion Administration
Enrique	GIRON	CLEAN HYDROGEN	Clean Hydrogen
Charles	GIRY-DELOISON	JPI CULTURAL HERITAGE	JPI Cultural Heritage
Ken	GUY		
Maurice	HANEGRAAF		TNO
Angus	HUNTER	ERA-LEARN	ERA-LEARN
Christophe	JOST	OCEANERA-NET	OCEANERA-NET Cofund
Karoliina	KOHO	BANOS CSA	BANOS CSA
Carina	LEMKE	FORESTVALUE	ForestValue
Bruno	MASTANTUONO	CLEAN SKY JU	Clean Sky JU
Angels	ORDUNA-CAO	SPIRE CPPP	SPIRE cPPP
Ragnhild	RØNNEBERG	ERA NET ACT	ERA NET ACT (Accellerating CCS technologies)
Julija	SAKOVICA		
Helen	SPENCE-JACKSON	EIT-KIC CLIMATE	EIT Climate KIC
Piotr	SWIATEK		Team drafting Co-Funded Partnerhip in HUE Cluster 4
Mª Ángeles	VALBUENA		
Chris	YOUNG	BESTF / DEMOWIND	BESTF and DemoWind ERA-NETs
Eleni	ZIKA	BBI JU	Biobased Industries Joint Undertaking

Background

Partnership analyses in relation to the cluster ‘Climate, Energy and Mobility’ under Pillar II “Global Challenges and Industrial Competitiveness” of Horizon Europe (Commission proposal):

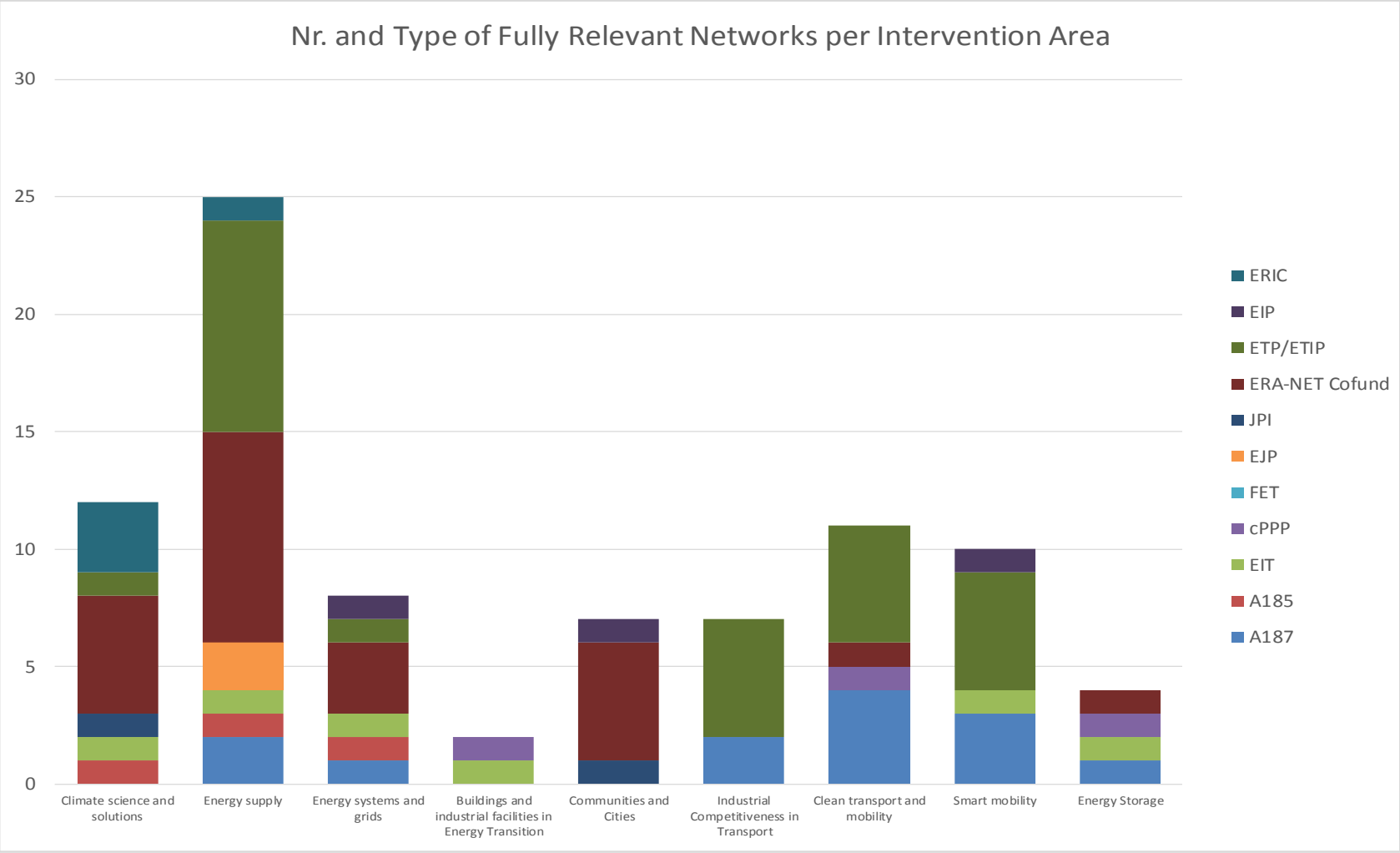
The intervention areas of the cluster ‘Climate, Energy and Mobility’:

- Climate science and solutions
- Energy supply
- Energy systems and grids
- Buildings and industrial facilities in energy transition
- Communities and cities
- Industrial competitiveness in transport
- Clean transport and mobility
- Smart mobility
- Energy storage

The cluster includes 52 fully relevant partnerships, networks or governance structures:

- 26 P2Ps (21 ERA-NET Cofunds, 2 JPIs, 2 EJP Cofunds, 1 Art 185 initiative)
- 2 cPPPs
- 5 Art 187
- 9 ETIPs
- 6 ETPs
- 3 EIT-KICs
- 1 EIPs

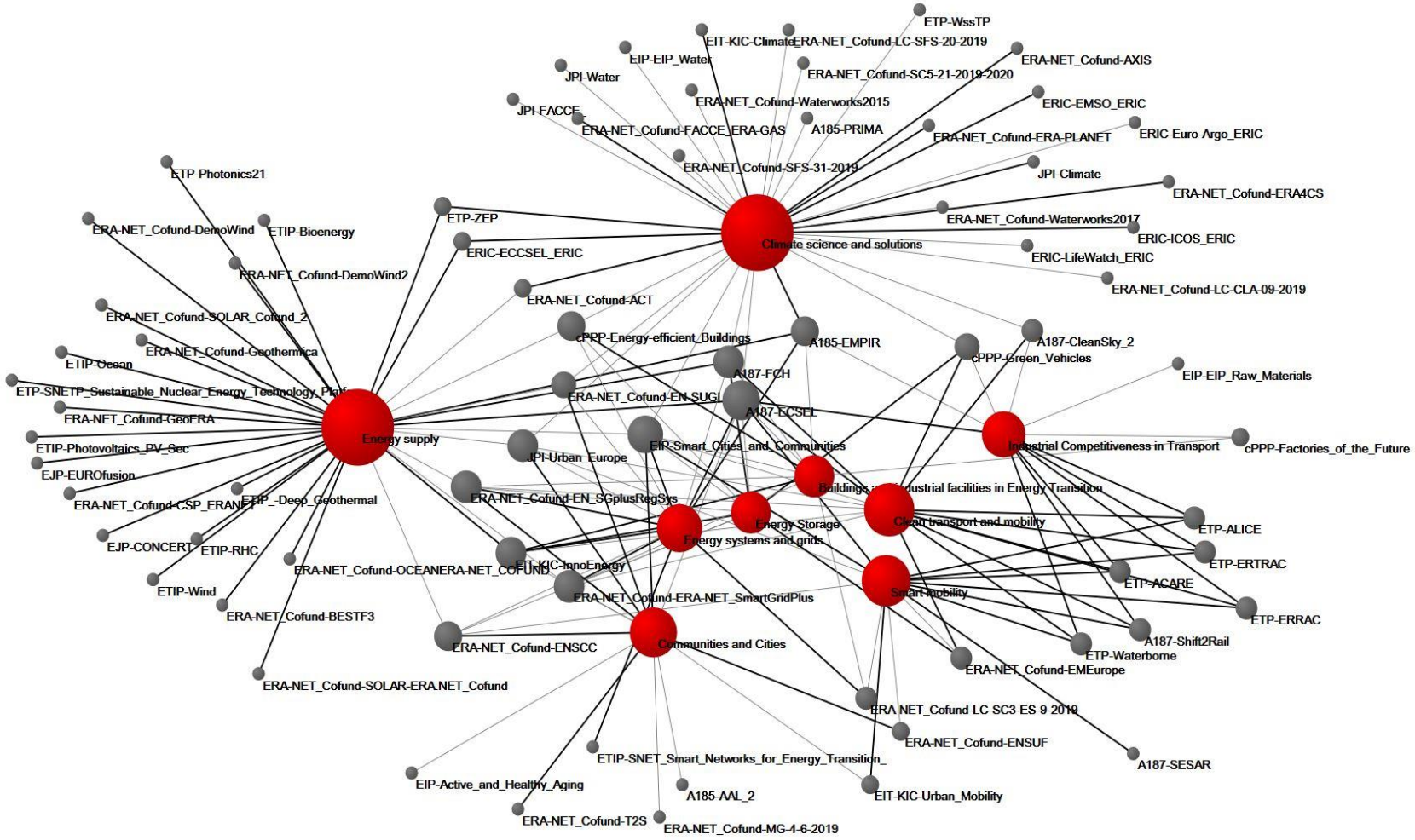
Overview current networks and governance structures



- large variety of partnerships (only omission is FET Flagships).
- most populated area is ‘energy supply’ - broad range of partnership types.
- least populated area is ‘buildings and industrial facilities in energy transition’.
- ERA-NET Cofunds are more frequent in the climate and energy sub-clusters.
- The mobility sub-cluster is dominated by A187s and ETPs.

Overview current partnerships related to the interventions areas

- Two of the nine intervention areas (climate science and solutions, energy supply) have a relatively high concentration of partnerships
- Significant number of partnerships that are cross-cutting (links to at least two intervention areas)
- A187 ECSEL, EIP Smart Cities & Communities and JPI Urban Europe are the most cross-cutting



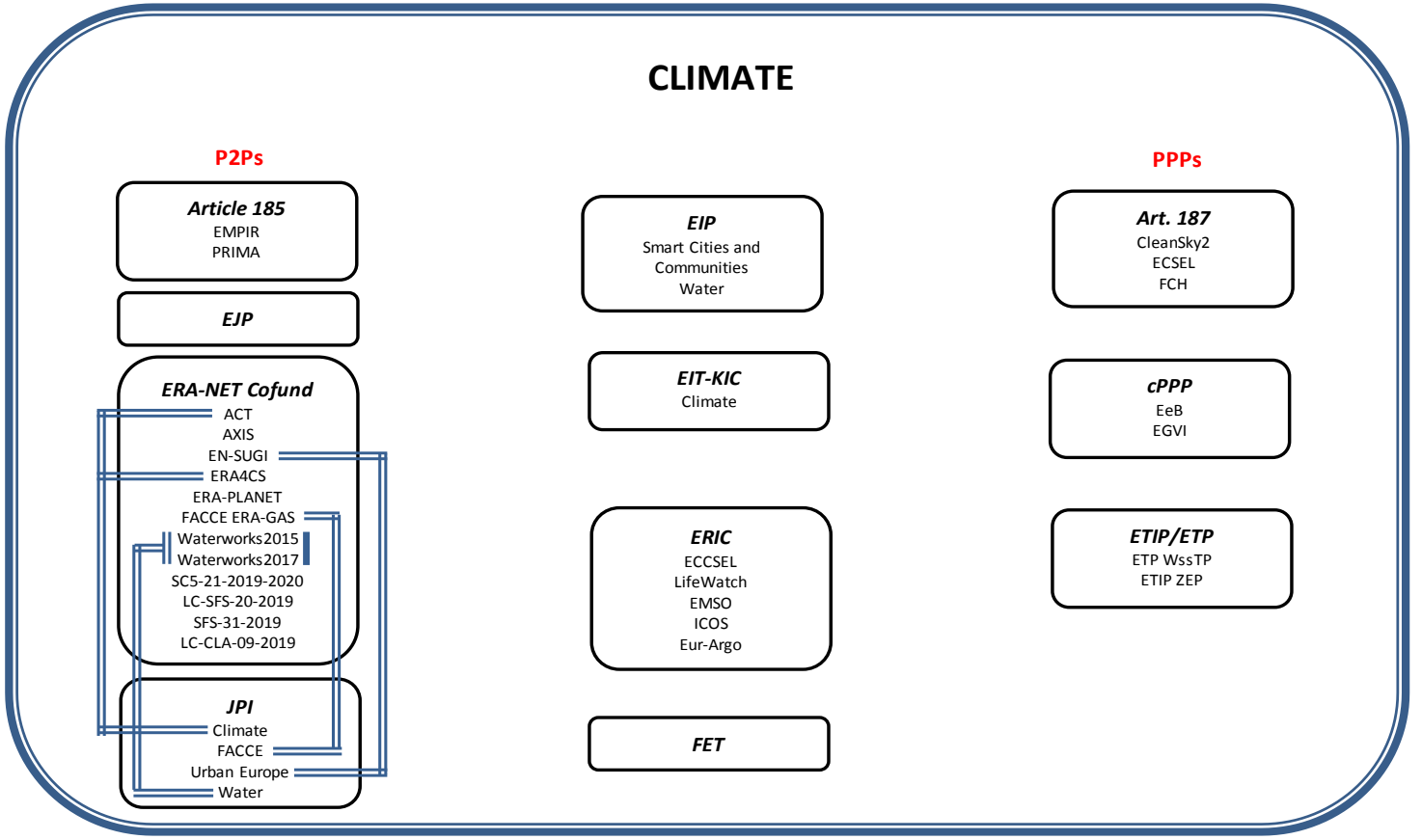
Connections between partnerships and networks to the sub-cluster ‘Climate’

Formal Connection:

Several JPIs and their associated Cofunds

Existing collaboration:

Lack of evidence of collaboration between partnerships that appear to have some synergy



Connections between partnerships and networks to the sub-cluster ‘Energy’

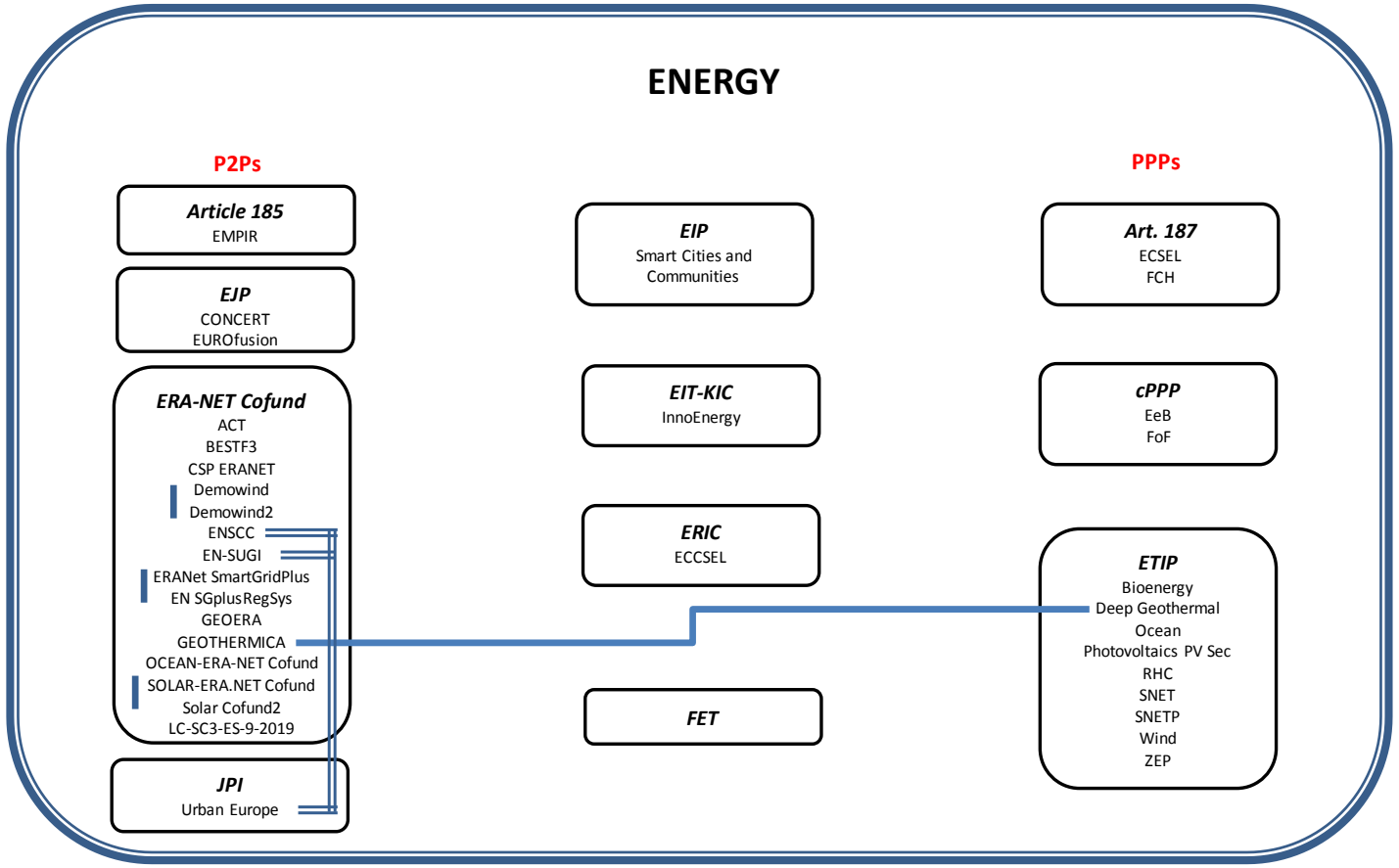
Formal Connection:

JPI Urban Europe and its Cofunds

Existing collaboration:

Geothermica ERA-NET Cofund is represented on the Steering Board of ETIP Deep Geothermal

Coordinating influence of the SET-Plan



Connections between partnerships and networks to the sub-cluster ‘Mobility’

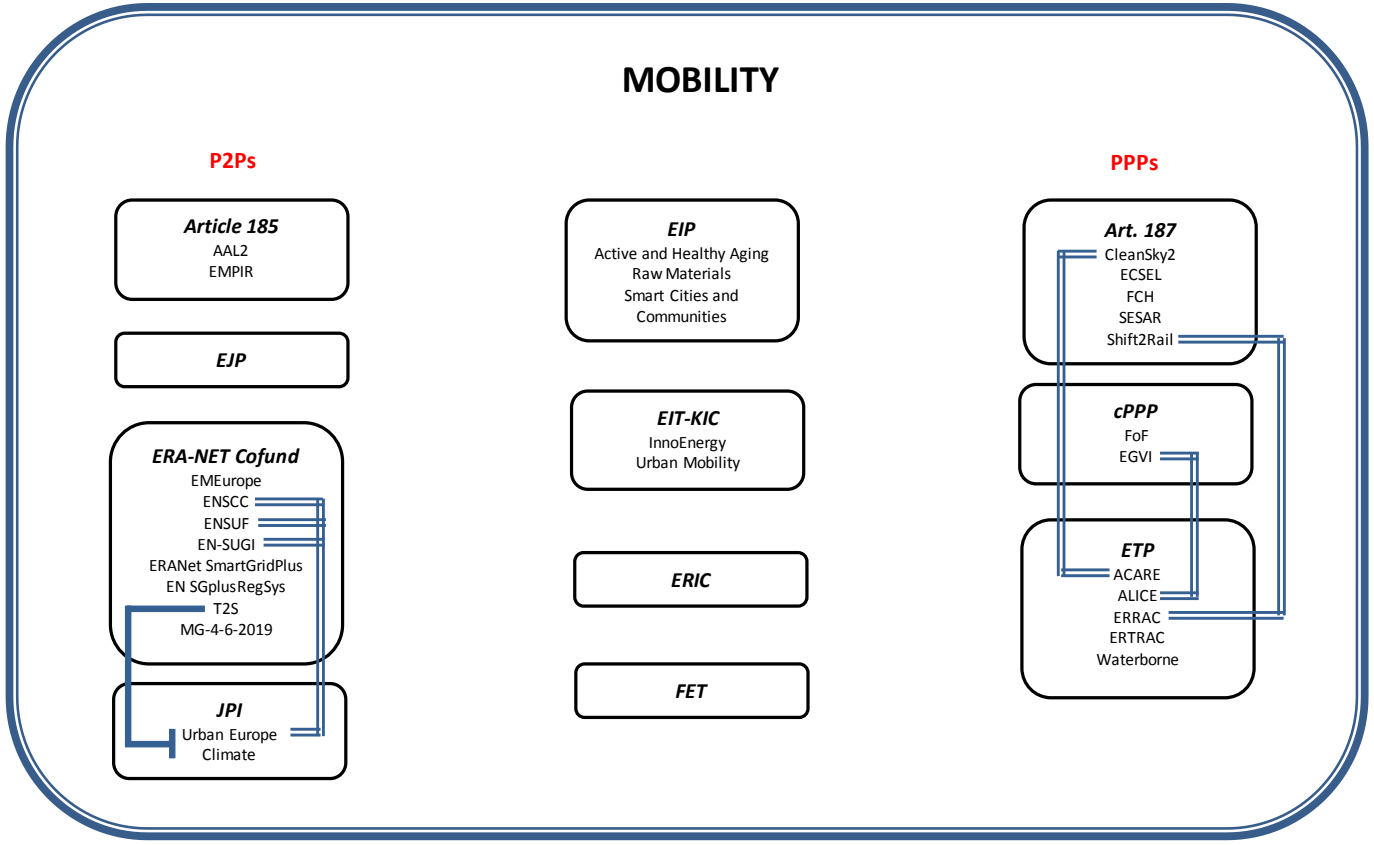
Formal Connection:

JPI Urban Europe and its Cofunds

Art. 187s and cPPPs that were derived from their associated ETPs

Existing collaboration:

JPI Urban Europe and JPI Climate have collaborated (with NORFACE) to implement T2S (ERA-NET Cofund on ‘transformations to sustainability’)



Main observations and questions

Main observations:

- All types of partnerships/networks (apart from FET Flagships) are represented in this Cluster
- With some notable exceptions, the apparent level of connectivity between the various networks and partnerships is weak.
- Apart from the energy sub-cluster (where the coordinating influence of the SET-Plan is apparent), the connections between the P2P and non-P2P world are limited.

Questions to consider:

- What is the level of synergy, cooperation and engagement between JPI Climate, the Climate KIC and other partnerships that are aimed at reducing climate impacts
- Are there any frameworks (like the SET-Plan) that could foster more collaborative activity between the P2Ps and the other partnerships/networks in the mobility areas
- What would be the benefits of strengthening cooperation between partnerships/networks that appear to have synergies
- What are the main barriers to collaboration between partnerships that have synergetic objectives, activities and/or stakeholders and the critical enabling factors for such collaboration

Thank you.

Session 1: Conclusions

- Are there any important aspects missing in the Discussion Paper?
- What have been the main strengths and achievements of the existing partnership landscape?
- What have been the main challenges?

Session 2: Guiding Questions

Past and current experiences

- What kind of interactions did/do you have with other (P2P, PPP) networks and which are these networks?
- How did/does this contribute to achieving your partnership's objectives and/or improve performance?

Ideas for future developments

- What are the challenges of the new partnership proposal?
- How could cooperation between different types of partnerships be improved to support the reformation of the partnership landscape?
- How can your partnership contribute to increase coherence in the partnership landscape?
- Which actions need to be taken? By whom?