

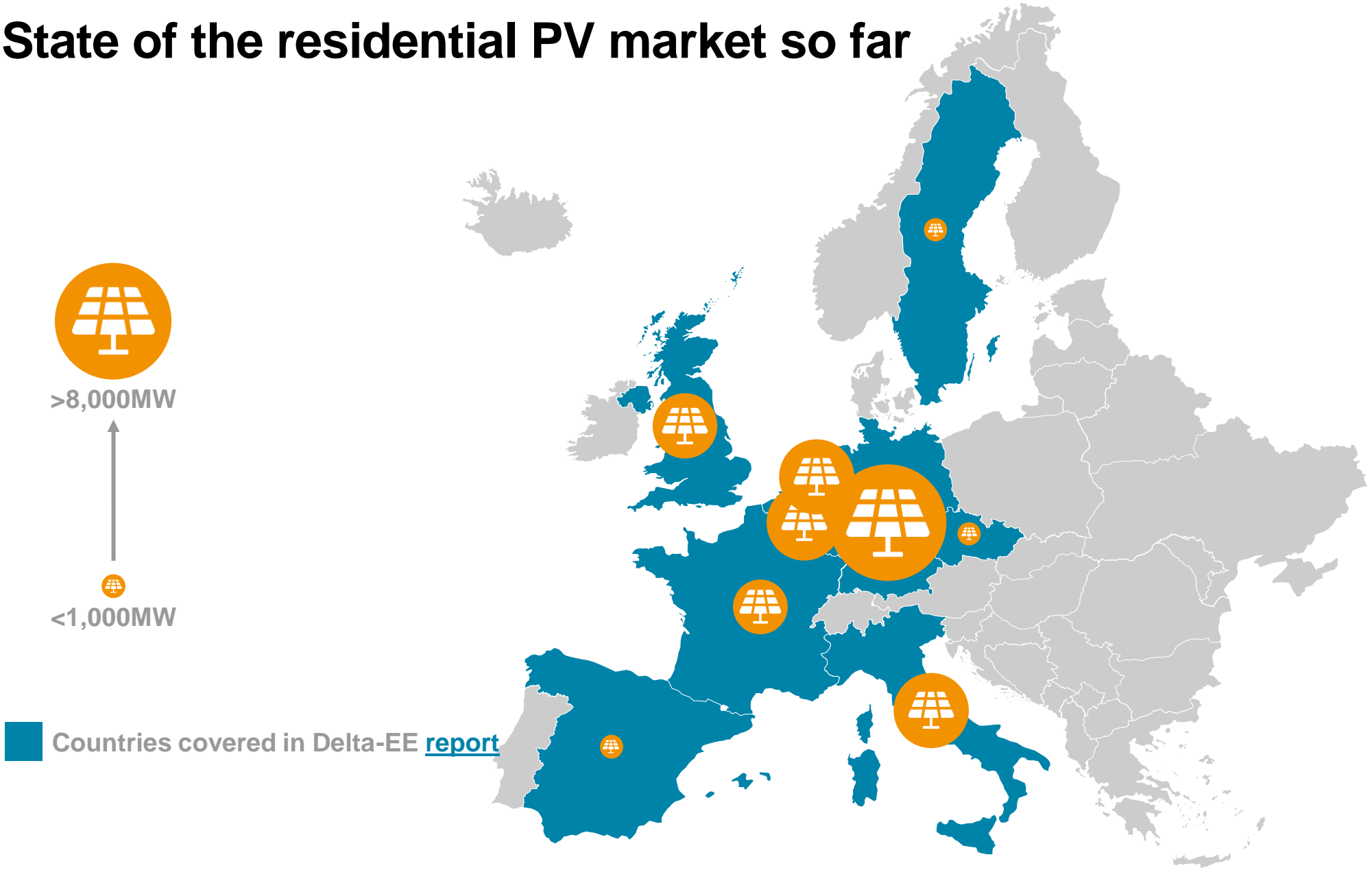
DELTA-EE



HOW CAN ENERGY COMMUNITIES HELP OVERCOME THE ENERGY CRISIS?

ALL ENERGY GLASGOW

State of the residential PV market so far



Energy communities access additional streams of value

Rooftop solar at household scale fails to unlock full market potential

**Stimulates
the
transition**

Improves
accessibility to
distributed energy
resources

Activates
community to
engage with the
transition

**Benefits
the
community**

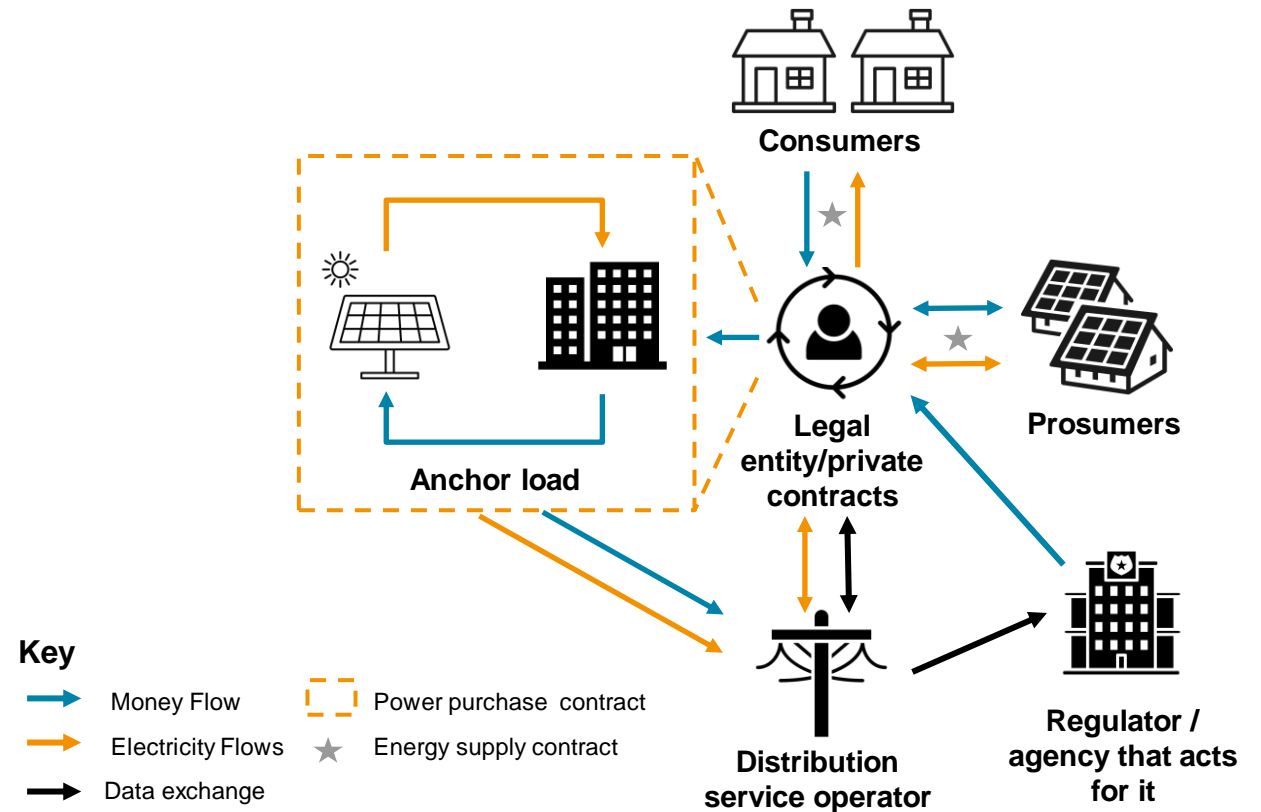
Emotional gains

May stimulate local
economy

Many actors are involved in CSC schemes

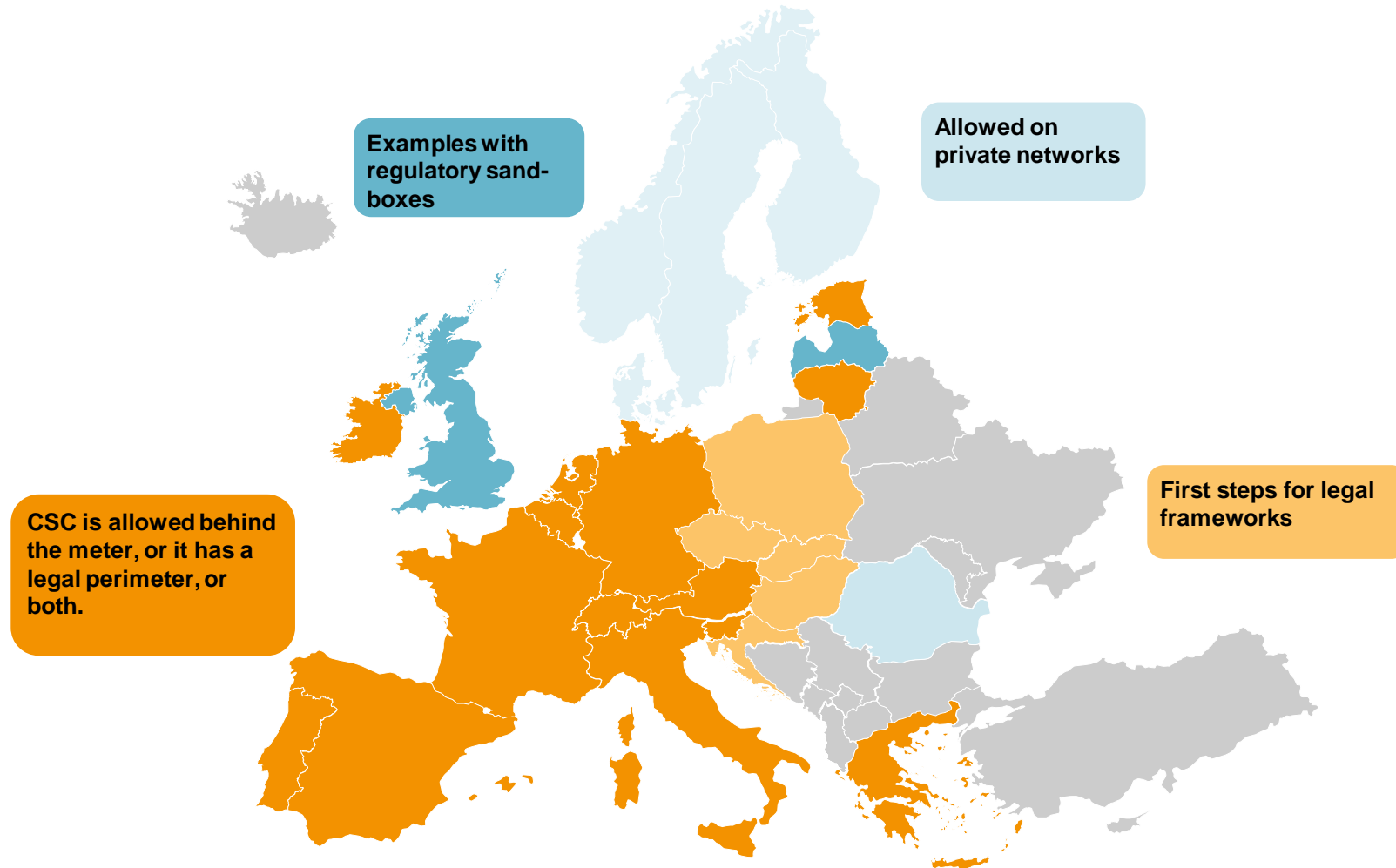
CSC business models were allowed following the Clean energy package for all Europeans in 2018.

- It needs special permits or a legal framework to be operated
- It can be managed through a legal entity
- It has a legal perimeter:
 - A distance
 - Under a substation
 - Multifamily building meter
- Community self-consumption projects optimise the value of local renewable generation



National frameworks are established in some countries

Other members states still lack elements of EU directive



Collective self-consumption across Europe

Two possible CSC schemes: behind-the-meter and at district level


Collective self-consumption



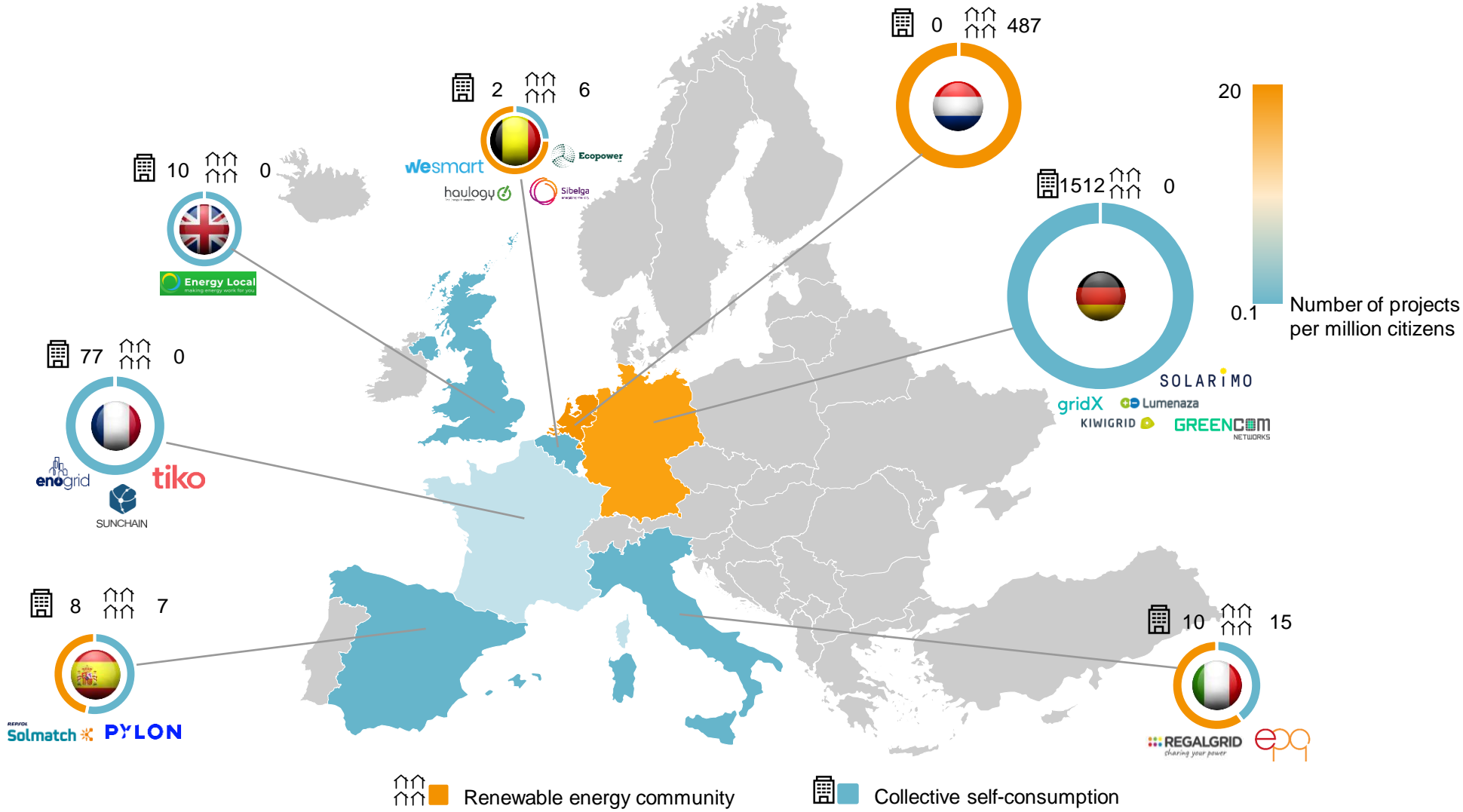

1512 CSC 77 CSC



Renewable energy community



487 REC



Collective SC: a joined-up journey is increasingly the norm

Service providers aim to guide the customer from 'cradle to grave'



Key
End-user savings and emotional values

- Limited value
- High value
- Collective SC
- Individual SC

Thank you for you attention

Any questions?

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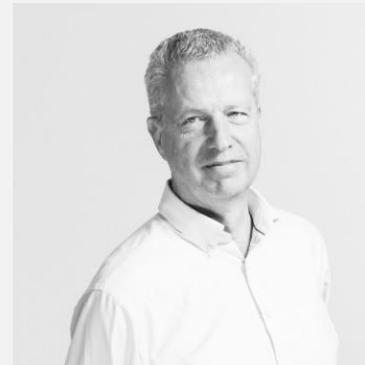
Jon has over 20 years' experience in the distributed energy, heat and energy services sectors, and is a founding director of Delta-EE, Jon has worked with an extensive range of clients across Europe, Japan and beyond, supporting and advising them on a wide range of energy transition topics.

Lodovica Di Deodato
Service Manager



Lodovica brings her technical knowledge of RES combined with a broad understanding of European energy markets and energy policies.

Jeremy Harrison
Principal Analyst



Jeremy has more than 30 years' experience in energy efficiency and distributed energy. For the past 15 years he was active in E.ON's Local Energy System Programme which is undertaking development of microgrids in a number of European countries.

Stefano Nebiolo
Analyst



Stefano has a broad experience in working with sustainable communities and supported municipalities in their net zero roadmaps. His educational backgrounds provides him with a deep understanding of new energy technologies