

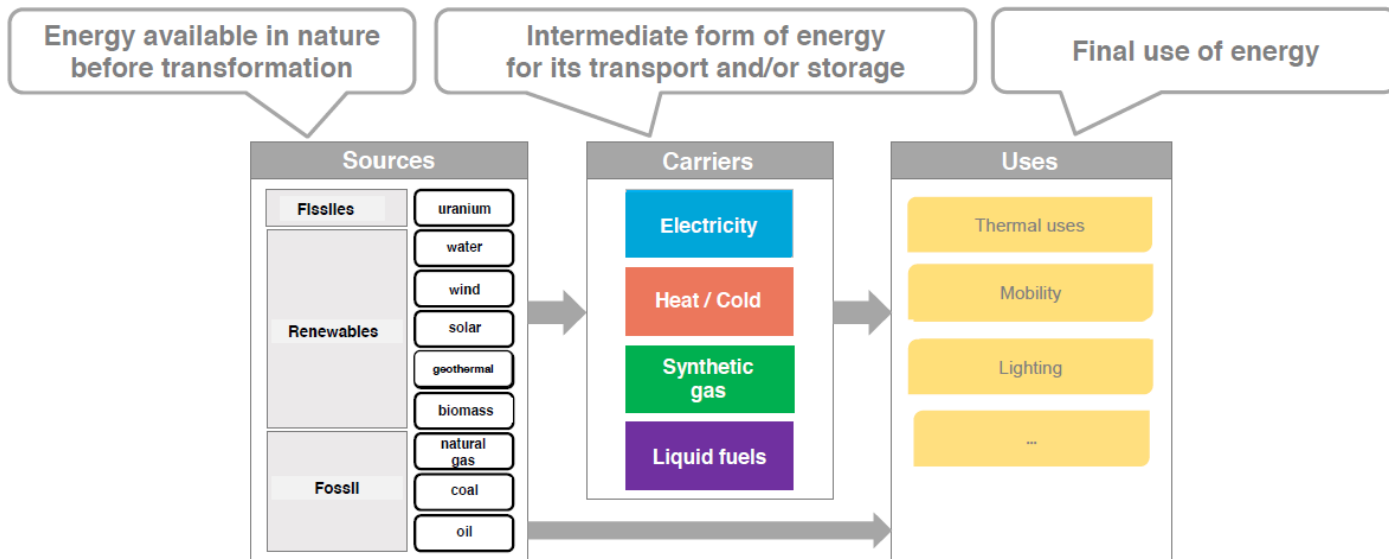


September 30th 2020 – IFRI webinar

The EU Strategy for Energy System Integration : What's next ?

Marine BINET – Head of RTE EU Office

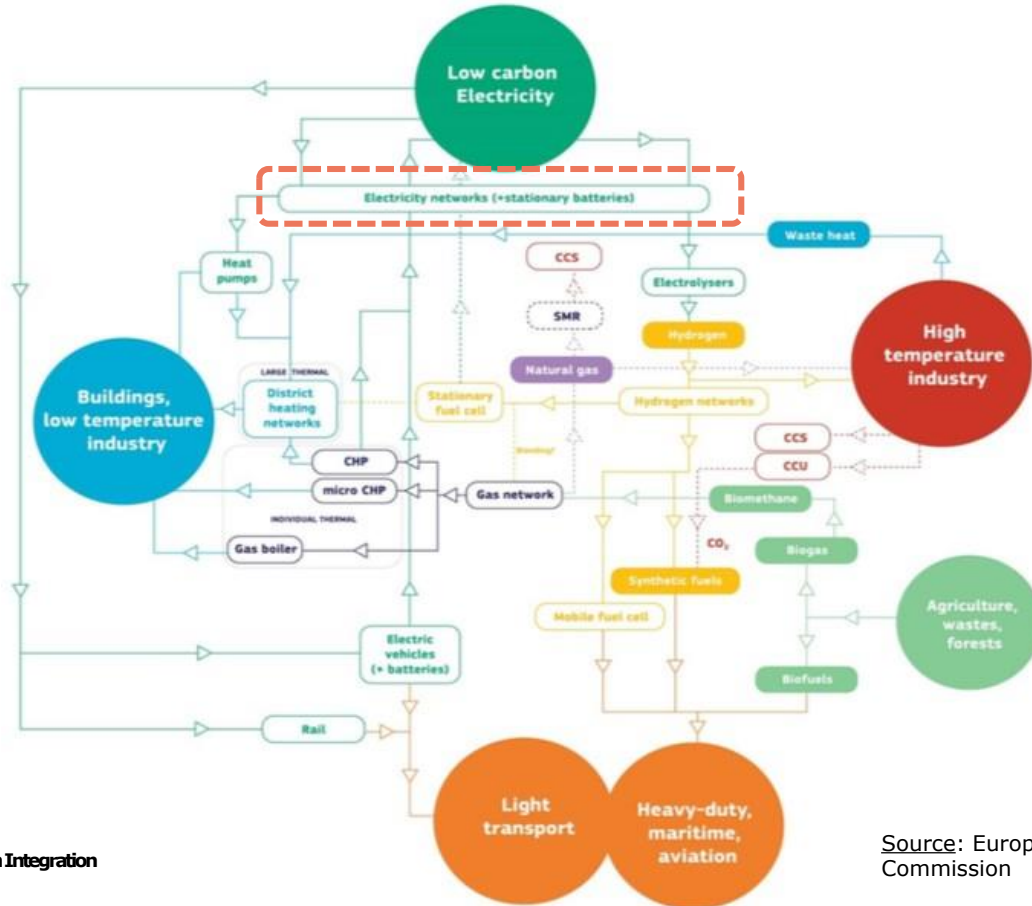
Energy System Integration (ESI): what are we talking about?



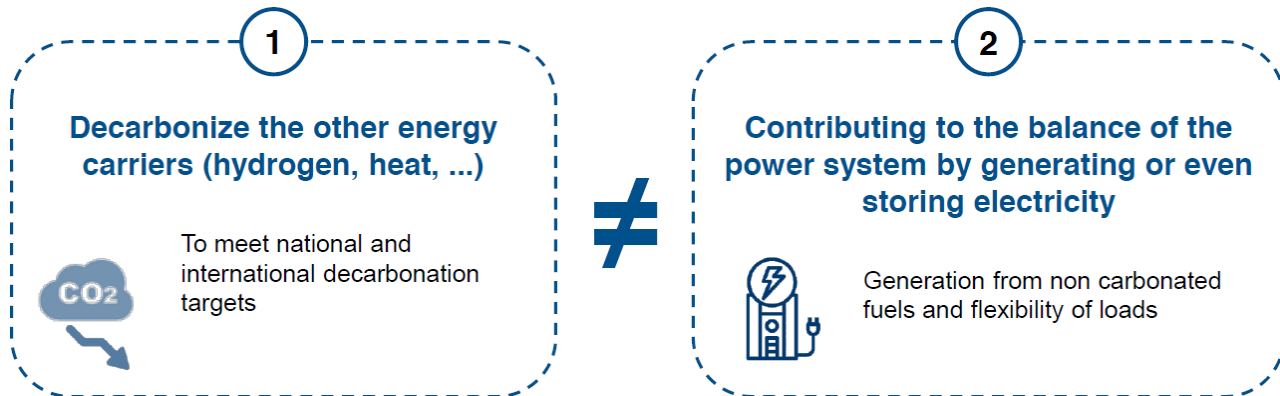
3 categories of carriers interacting with **electricity**

- **Heat or cold**, associated with a network or a storage facility
- **Gaseous fuels**: hydrogen, biogas, synthetic methane, ammonia, ...
- **Liquid fuels**: petrol, diesel, methanol, ...

TSO are key (missing?) links and enablers of ESI



Unlock potentials of Energy System Integration



How to couple electricity with other energy carriers in a cost-efficient way ?

1

Improve energy forecasting in medium and long-term with European multi-energy scenarios building



2

Carry network studies taking into account flexibilities offered by ESI
Maintain specific planning methods for each energy sector

3

Assess projects on a robust CBA, integrating European climate objectives