



UiO : TIK – Centre for Technology, Innovation and Culture
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Organisational perspective on electrification processes

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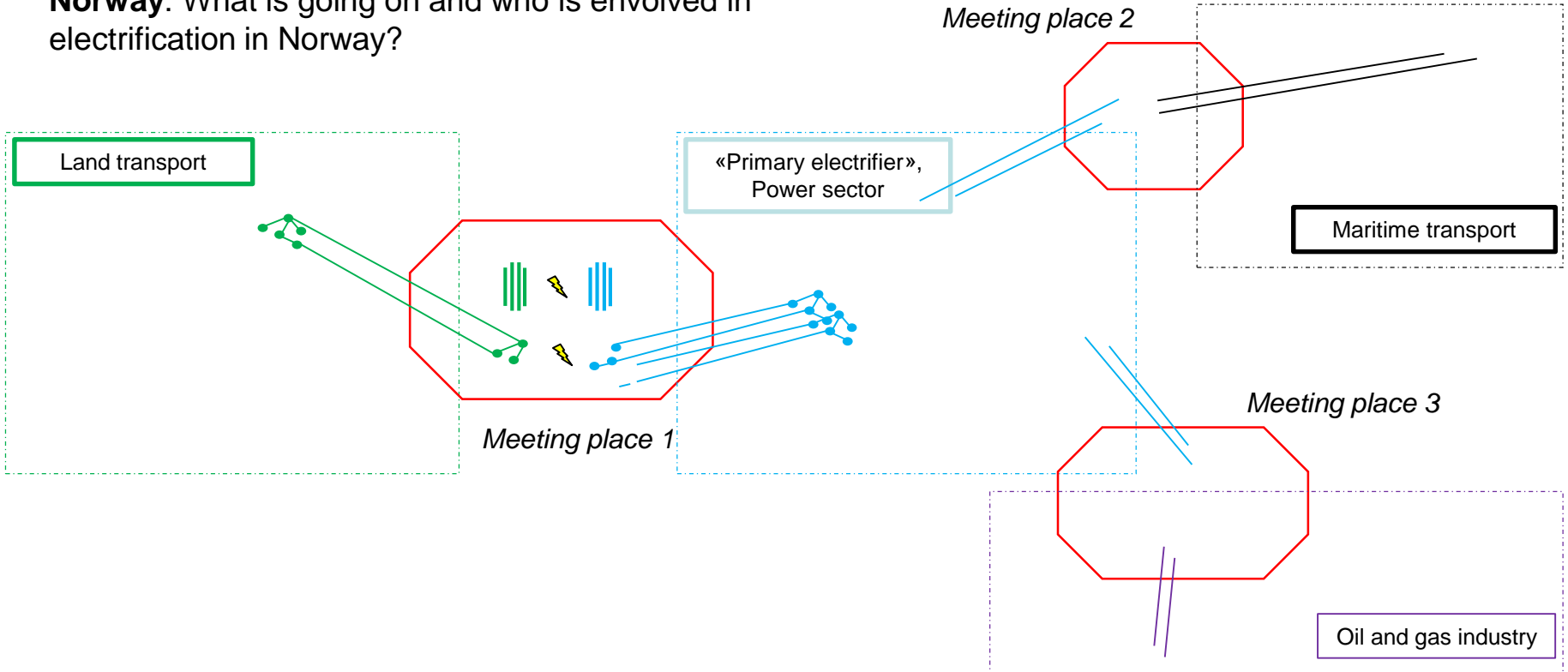
Electrification processes

- Research part of NTRANS, RA2 «Accelerating the energy transition».
- Electrification as a key area for deep decarbonisation.
- Electrification of new user sectors as the process of making a sector use electricity to operate when it did not before:
 - the processes, the outcomes, and the role of actors.
- Ultimate goal: to understand how these processes can be accelerated (NTRANS RA2).

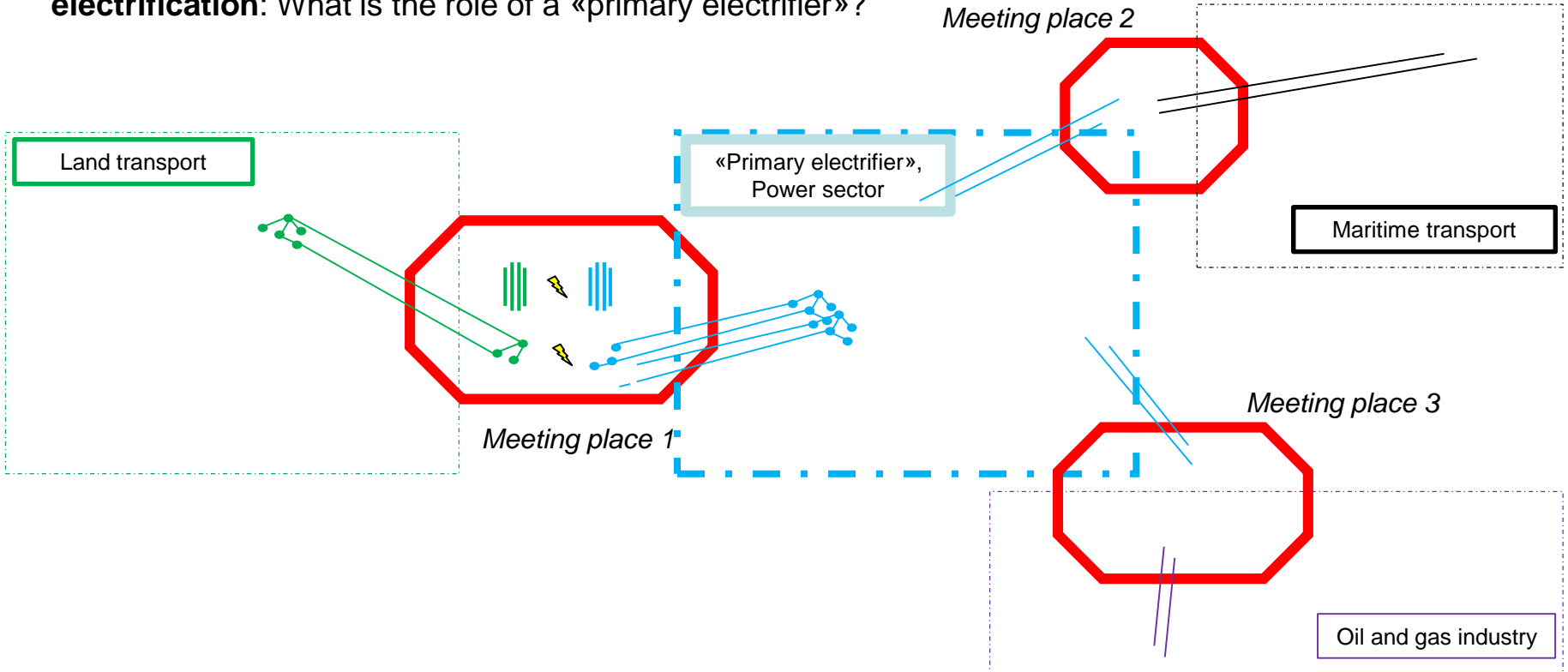
Electrification of new user sectors: an organisational perspective

- We adopt a social science perspective and particularly an organisational field perspective:
 - Electrification as a joint effort of several actors that leads to the co-creation of new fields (sectors, industries, segments).
- Research interest:
 1. The role of actors and how they organise and co-create electrification processes
 2. The handling of temporal constraints (acceleration!)
 3. The impact on electrification processes
- Currently conducting several empirical studies:
 - **Mapping study of electrification processes in Norway**
 - **Case study of a utility company engaged in electrification processes**

Mapping study of electrification processes in Norway: What is going on and who is involved in electrification in Norway?



Case study of a utility company engaged in electrification: What is the role of a «primary electrifier»?



Electrification of new user sectors: an organisational perspective

Thank you!

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