



Alternative Fuels Infrastructure

Communication protocols in the EV charging ecosystem

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Saki Gerassis

Policy and Data Officer – Alternative Fuels Infrastructure
DG MOVE – Sustainable and Intelligent Transport Unit B4

Brief policy context

State of play

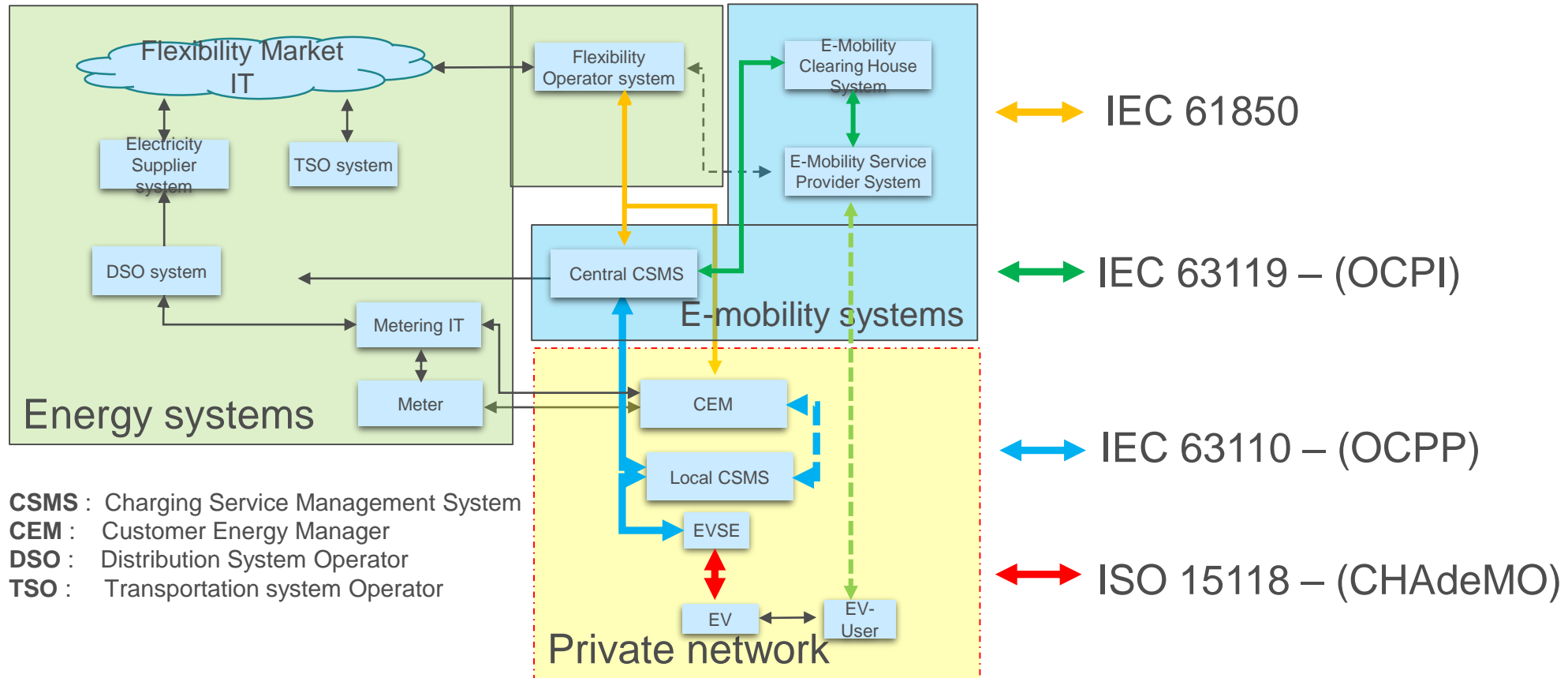
→ [European Green Deal](#) (December 2019)

→ [Sustainable and Smart mobility Strategy](#) (December 2020)

- The revision of the [Alternative Fuels Infrastructure Directive \(AFID\)](#) is scheduled for summer 2021 as part of the “fit for 55” package.
- In addition, revision of the: CO₂ standards for cars and vans Regulation, Renewable Energy Directive, Energy Taxation Directive, Effort Sharing Regulation (and possible extension of the Emission Trading Scheme), the TEN-T regulation and the Energy Efficiency Directive. The CO₂ standards for heavy-duty vehicles are also up for review in 2022.

Communication landscape in the EV charging ecosystem

Possible standards & protocols



Potential implications

Policy-making perspective

- Potential use of real-time upstream CO2 emissions from an EV and recharging infrastructure viewpoint?
- Data collection? What data should be collected?
- Who are the key actors in this process?

Thank you



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