



# ENABLING ICT FOR ELECTRIC MOBILITY

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FINSENY Final Event  
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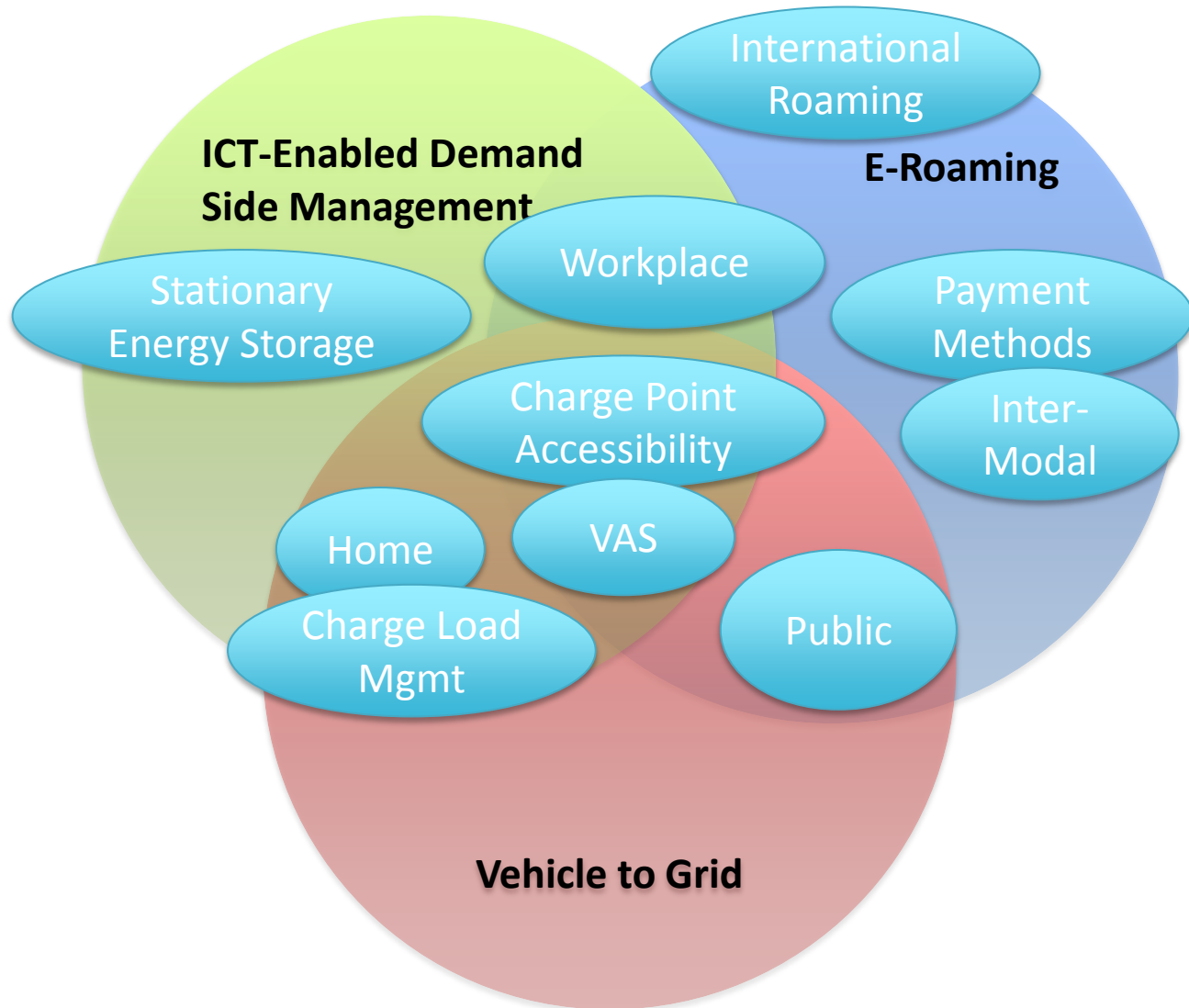




# OUTLINE

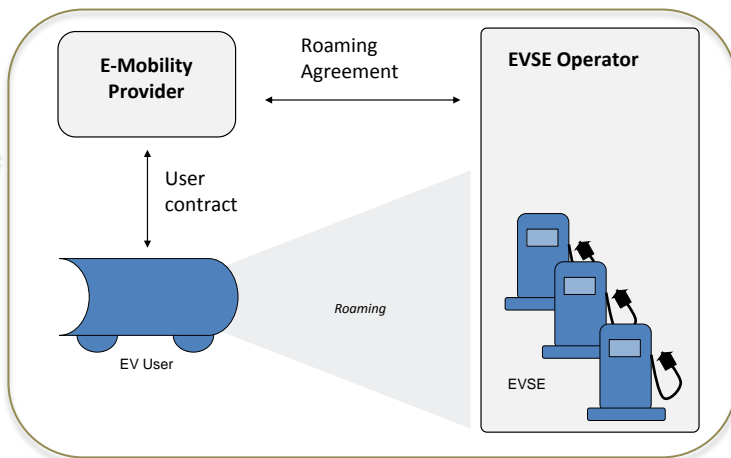
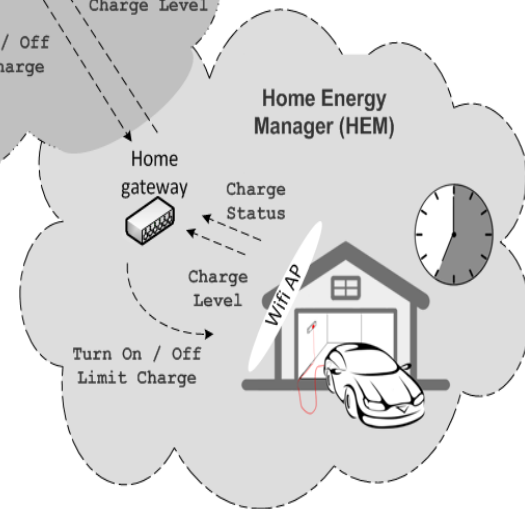
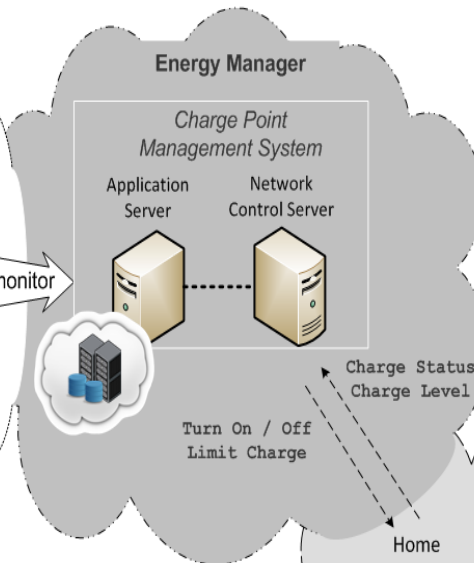
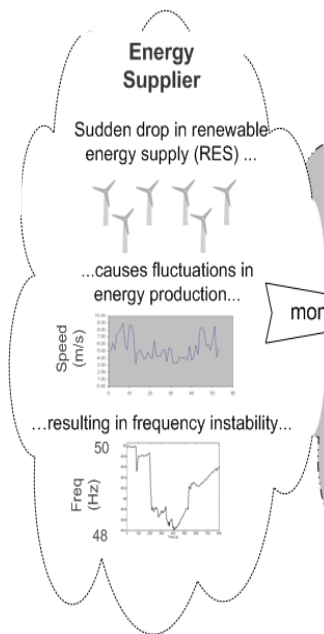
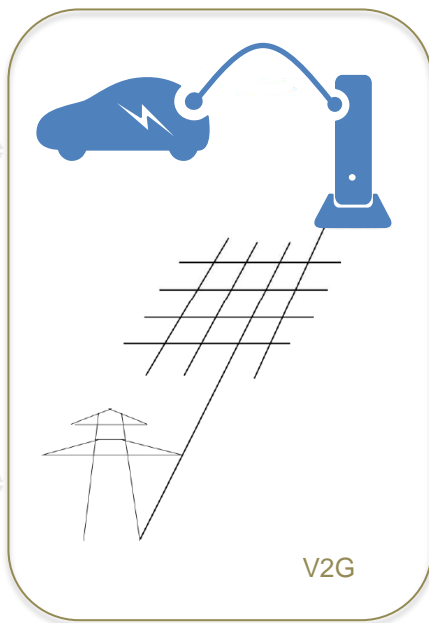
- Use Cases
- Functional Architecture
  - EM-SGAM
  - Functions
  - Components
  - Communication
- Conclusions

# FINAL USE CASES

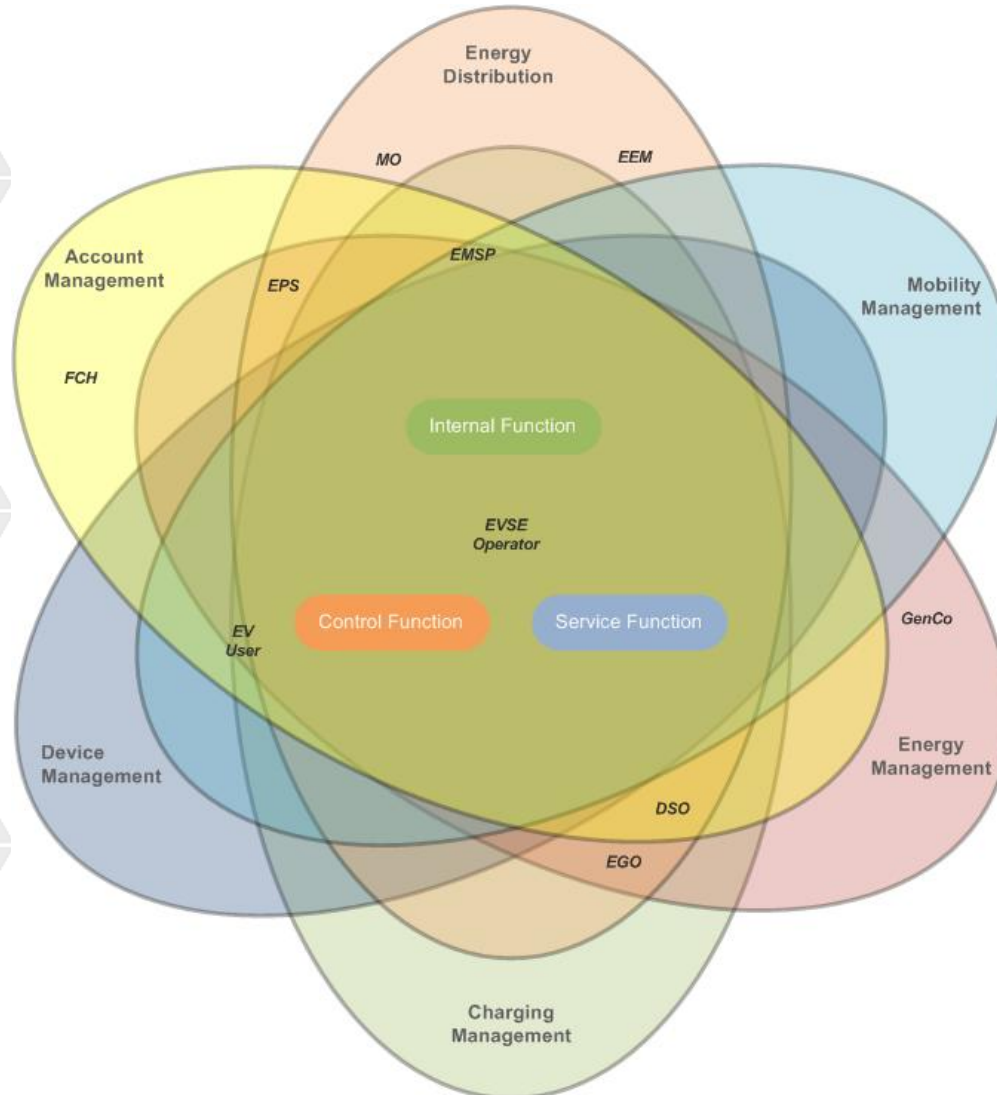




# FINAL USE CASES



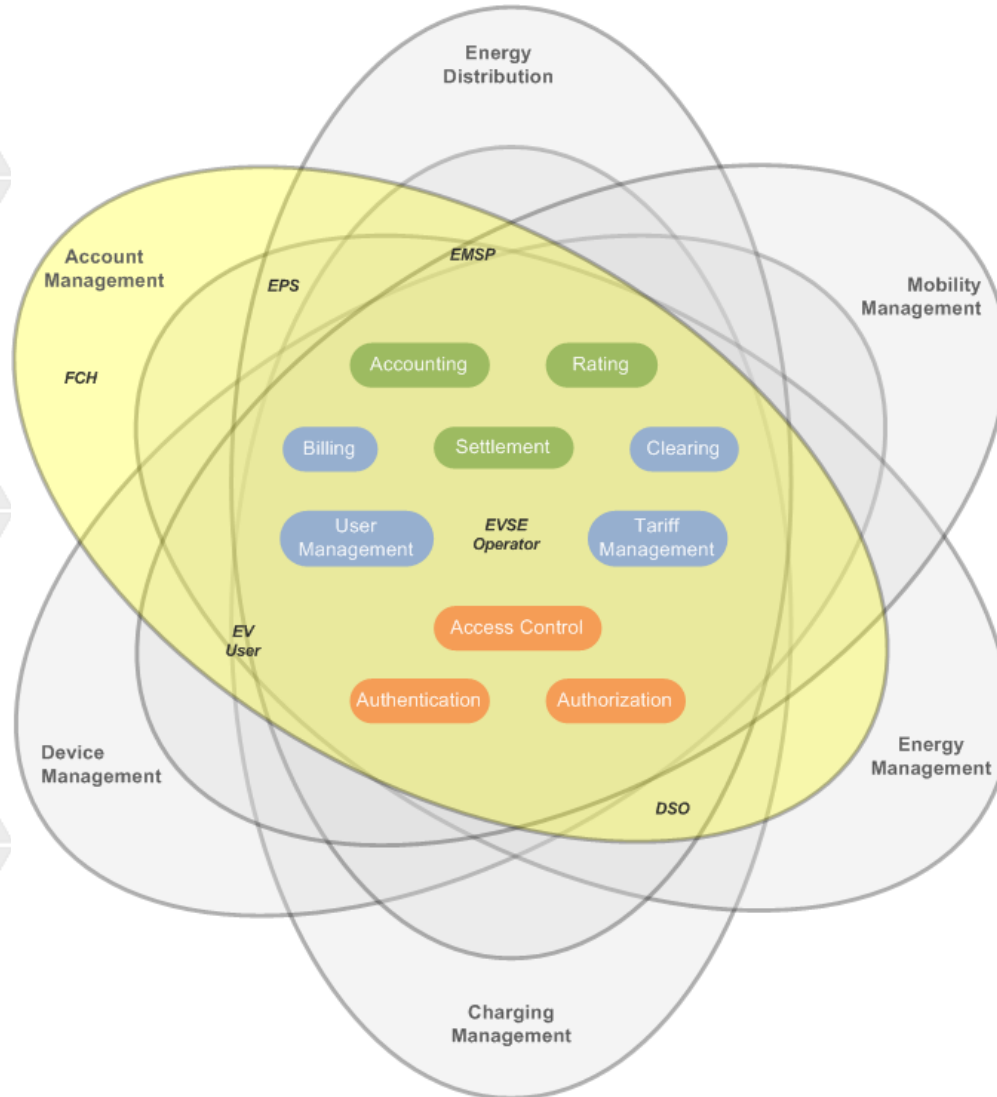
# E-MOBILITY FUNCTION REALMS



## Function Realm Visualisation

- Visualises stakeholder to function realm mapping
- Visualises realm belonging of specific functions

# ACCOUNT MANAGEMENT REALM

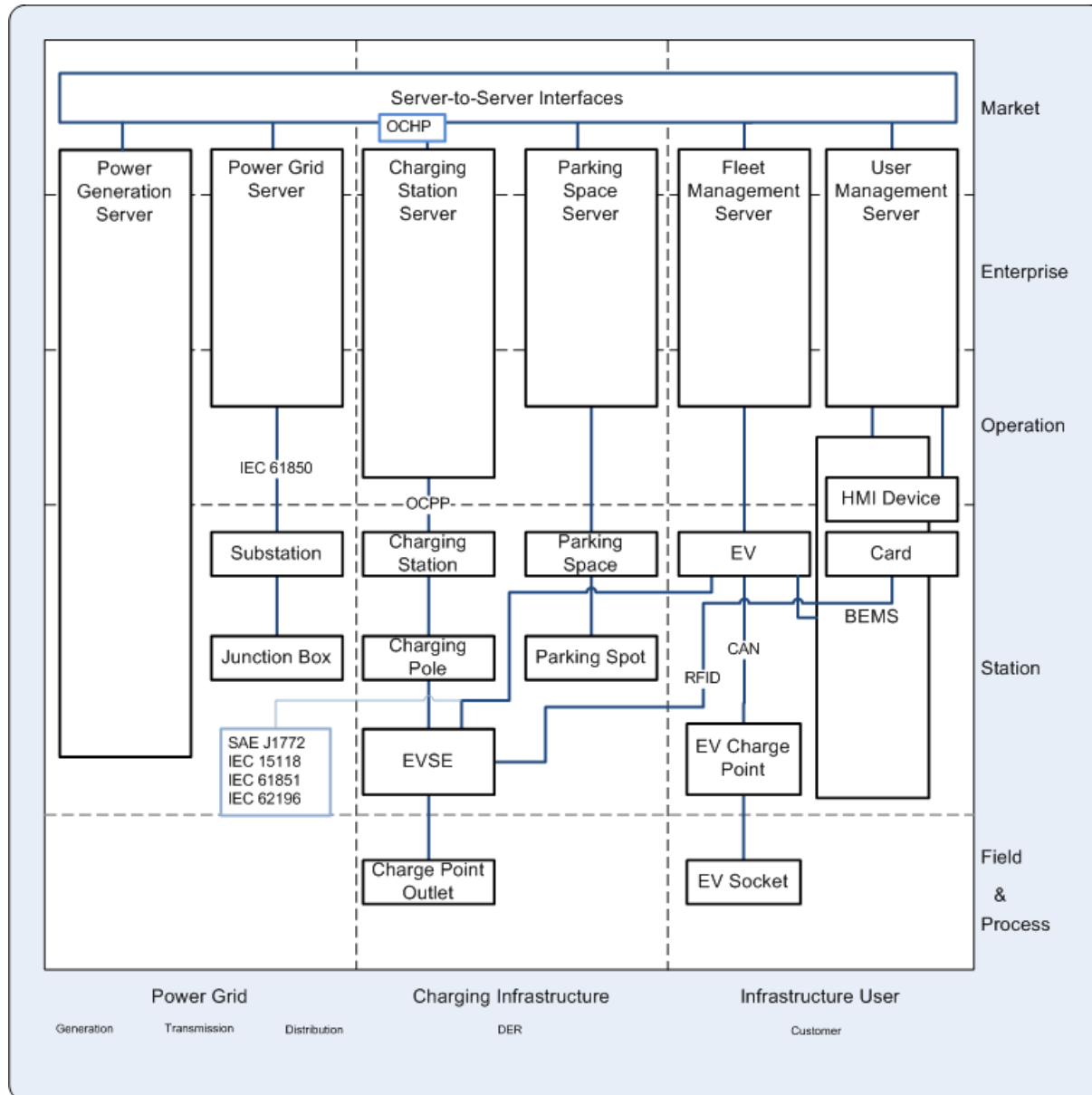


Internal Function

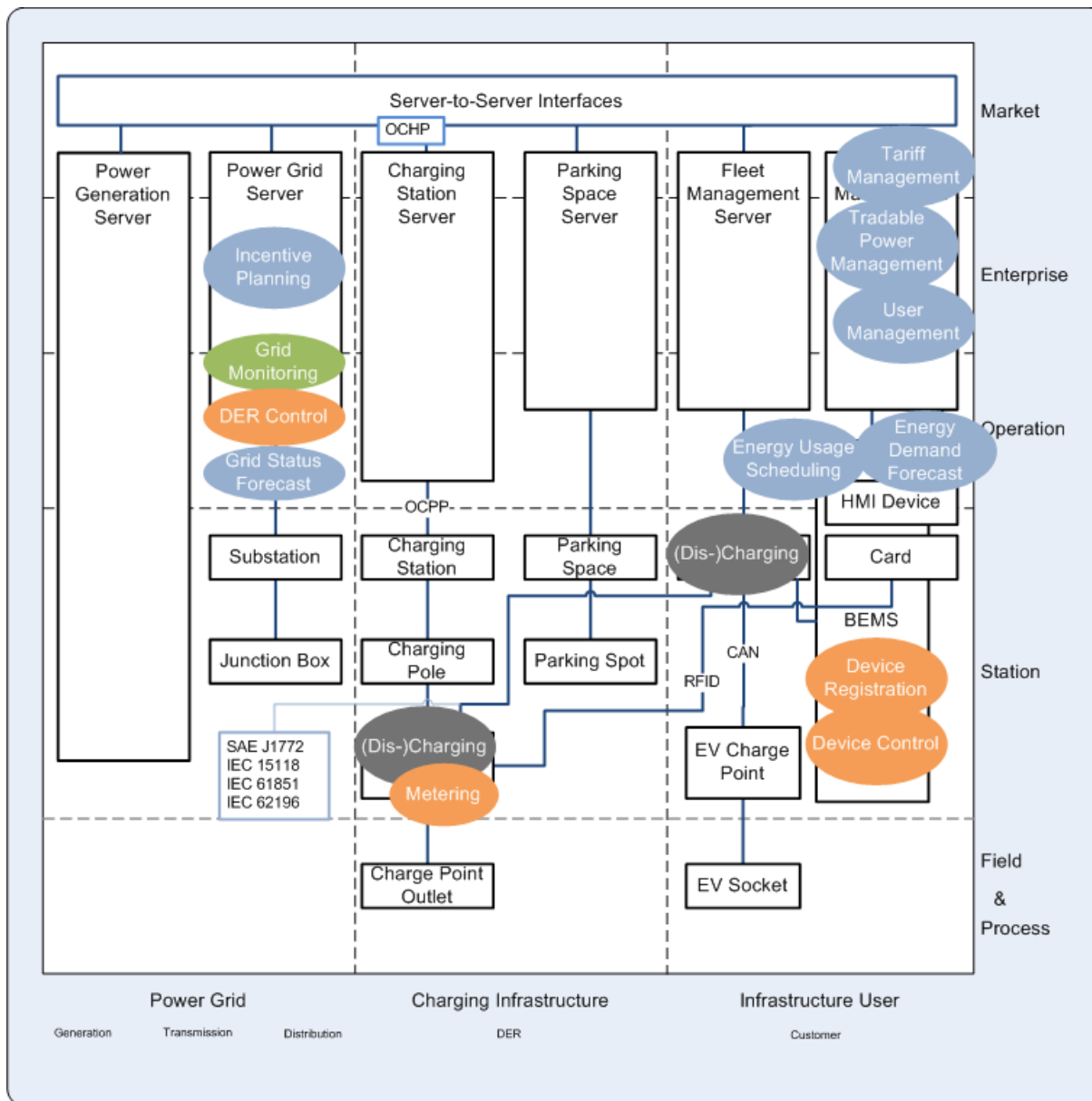
Control Function

Service Function

# COMPONENTS AND INTERFACES



# FUNCTION MAPPING







# CONCLUSIONS

- Adapted SGAM → EM-SGAM for better E-Mobility integration
- Final use cases cover well the functionality of first version use cases
- Majority of function implementations can potentially be covered using GEs
- Candidate GEs have been identified to be used for function implementations
- Only a few ICT related standards are tailored towards E-Mobility needs, nevertheless a lot of standardisation activities are ongoing
- Security issues are important to be addressed seeing the extended adoption of Web standards



# Thank You!

