



**WHAT IS THE NEMO HYPER-NETWORK,  
HOW WILL IT WORK AND HOW CAN YOU ENGAGE WITH IT?**

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# NeMo IT Challenges:

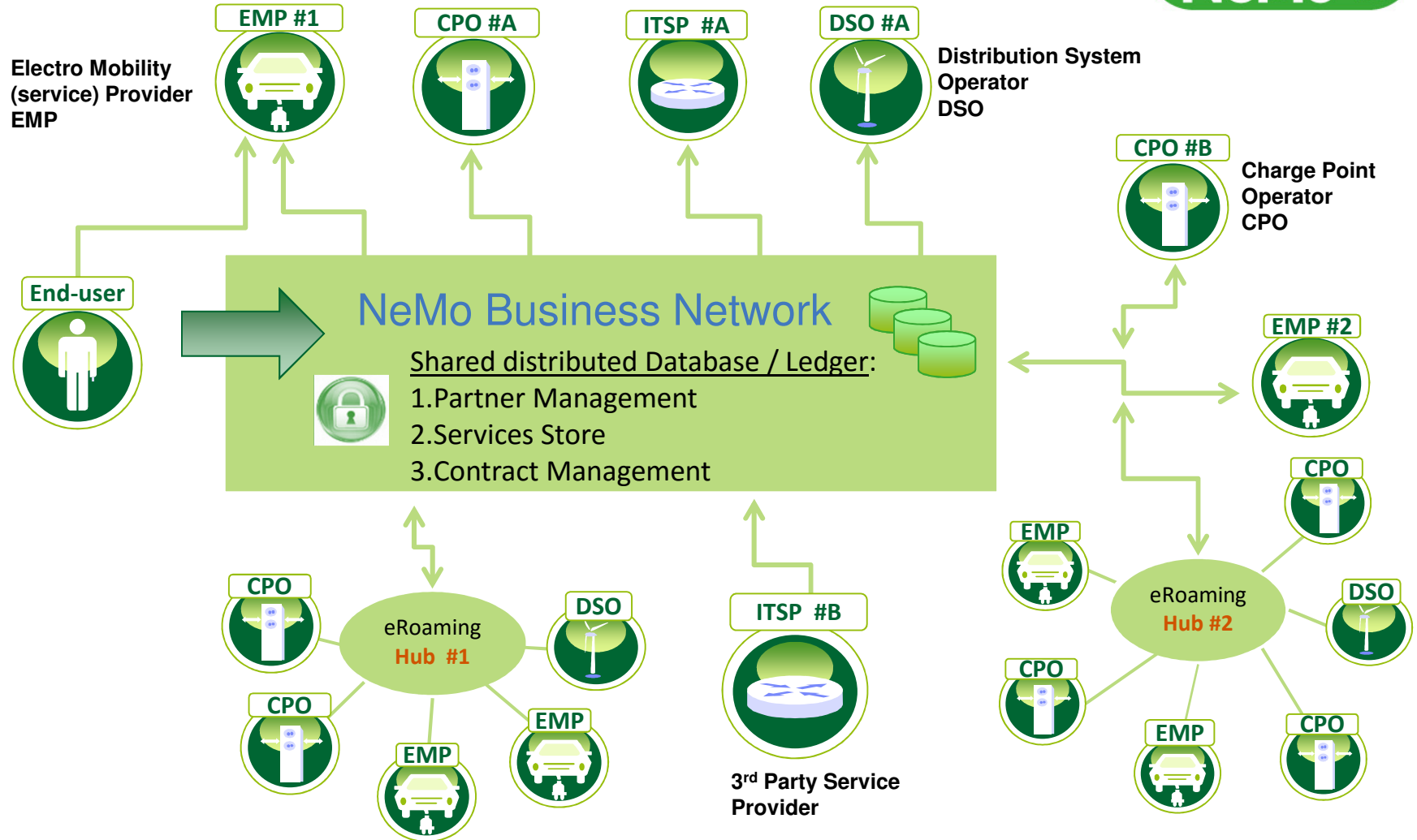


- a) How to develop **interoperable** and seamless electro-mobility services
- b) Integration of services of **different stakeholders** still a challenge due to **missing interoperability** and **discovery mechanisms**
- c) No **community based** IT environment existent that enables the search, development and deployment of **value-added services** for the E-Mobility domain
- d) Lack of **common information model** for all stakeholders
- e) Stakeholders and business partners **not visible / transparent across Europe**
- f) It is difficult to **establish collaboration and contracts** between stakeholders and business partners



# NeMo Solution Approach:

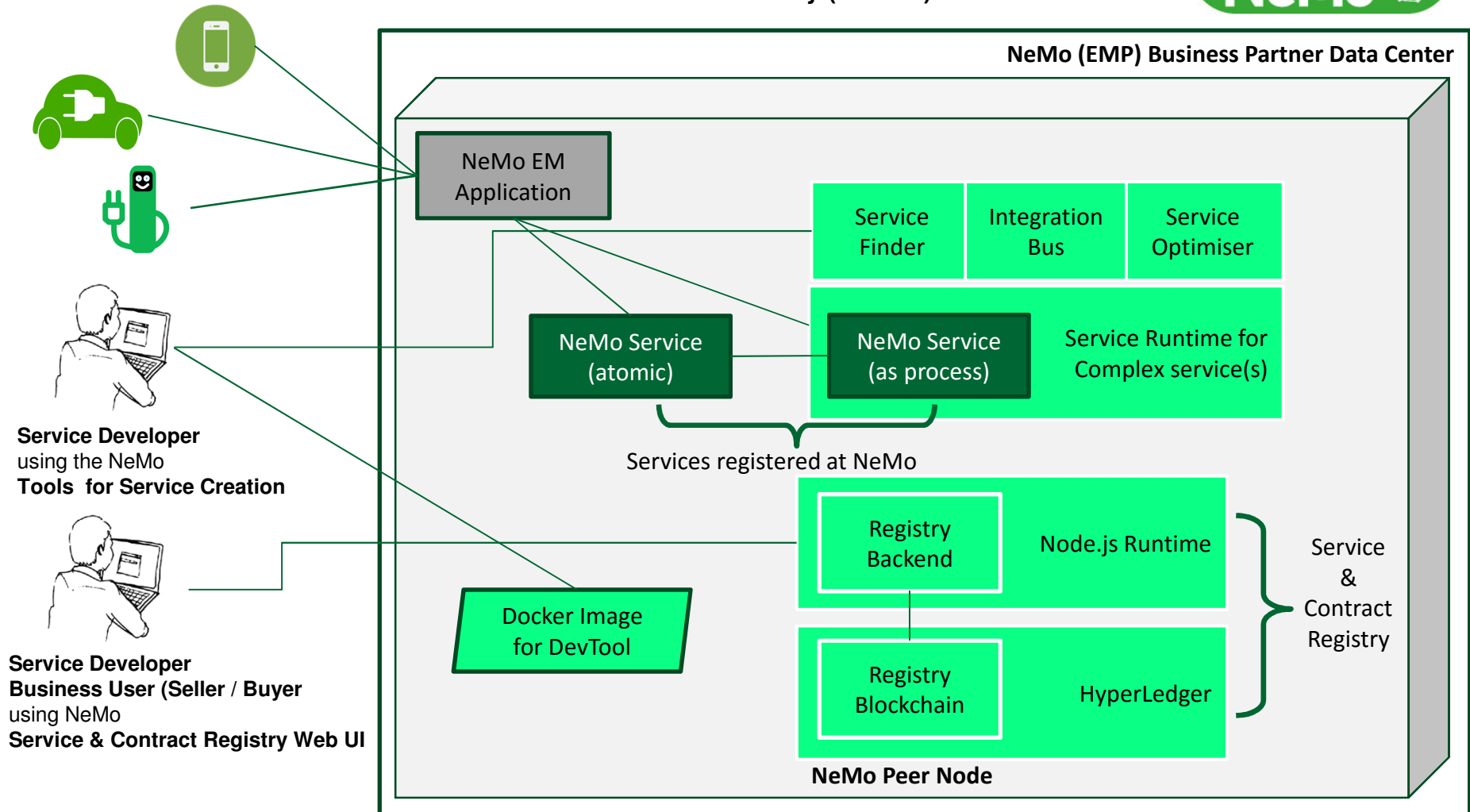
Within the **NeMo business network** all participants share a common data-set stored in distributed databases / Ledger. All participants have access to same data shared in the NeMo business network about: Partner, Service and Contract.



# NeMo IT environment

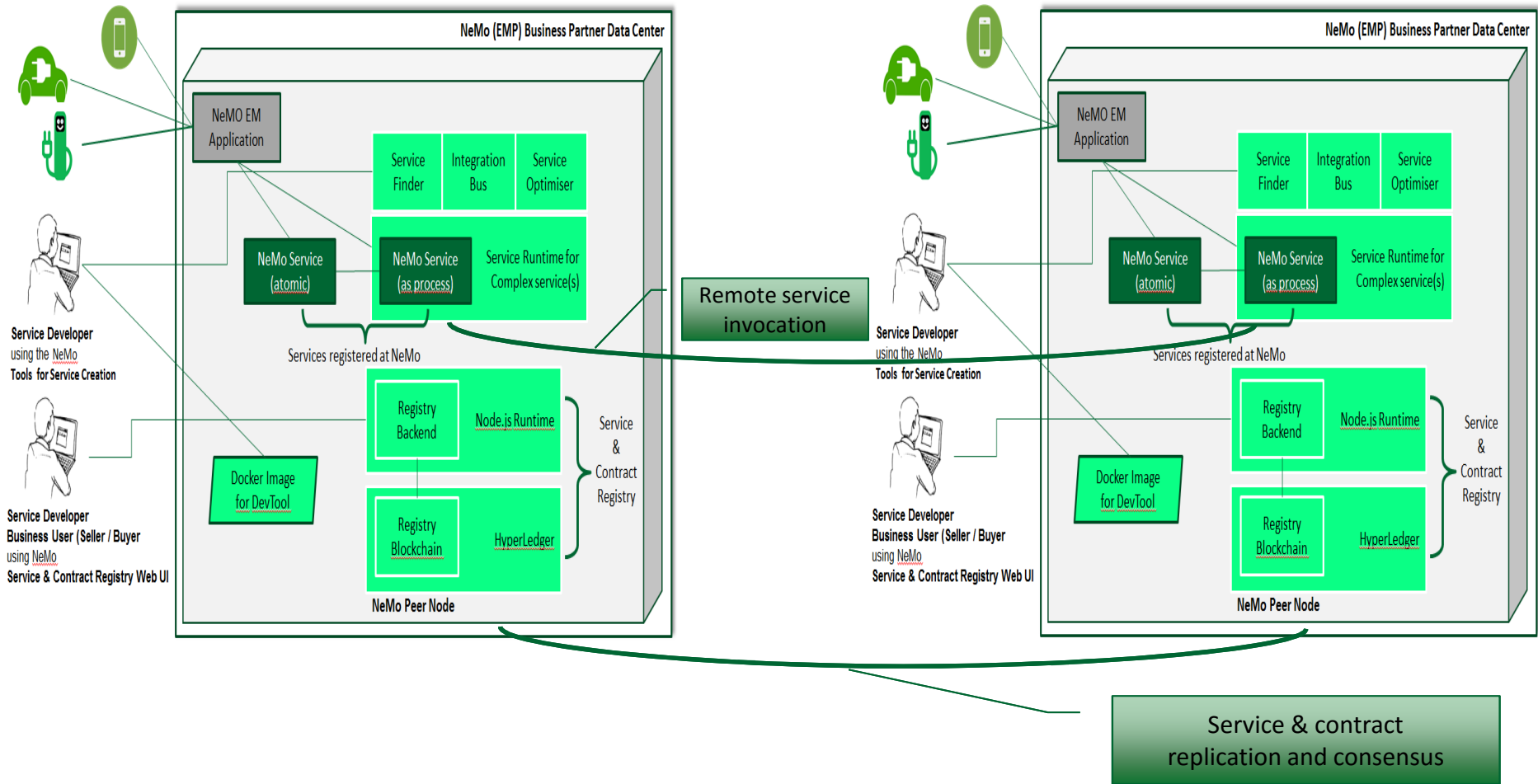


Electro Mobility (service) Provider EMP



# NeMo network view

- integration between participating business partners



# Summary and Conclusion:



NeMo will provide:

- ✓ a **distributed service IT environment** where partner, service & contract information are stored in a decentralized manner using a **distributed ledger technology (HyperLedger, Blockchain)**
- ✓ an IT environment, that lets developer **search & use third party services**
- ✓ a BPMN-based tool-suite, that provides the possibility to **specify value-added E-Mobility IT services**
- ✓ an **IT deployment /delivery mechanism** that lets business users easily take part in the NeMo Open Marketplace
- ✓ a **common information model** to unify the business objects for all electro-Mobility services
- ✓ increased innovation towards **Digital Single Market** for Europe





**Thank you!**

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VCARD



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