SOGNO

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The energy decarbonisation increases the share of renewables based distributed generation that is connected to the distribution level of grids. Similarly, the electrification of mobility and heating as well as the flexibility offered by customers result in new power profiles and have a large impact on the operation of distribution grids. Network reinforcements are not sufficient any longer to deal with the increasing complexity of distribution systems. The deployment of advanced distribution management systems down to the low voltage network is required.

SOGNO aims at facilitating the transition to a modular microservices based control center software solution. This allows operators to adapt faster because components can be updated more independently from each other. It provides system operators and automation software developers with an open source framework that exposes open APIs to plug in new automation functions and supports industry standards such as CIM IEC61970. The vision is to integrate today's SCADA systems with SOGNO and gradually move functionalities into microservices.

- LF Energy project profile
- GitHub code repositories
- main documentation website
- main mailing list
- open discussion mailing list
- #sogno channel on LF Energy Slack