



OPENADR AND EUROPEAN COMMISSION HORIZON 2020 PROJECTS

EU Horizon Project innovators have been incorporating OpenADR in order to provide scalability through open, IEC standard protocols, and increase integration of distributed energy resources into the utility grid.

Orchestrating Smart Charging - <https://www.oscd.eu>

With contributions from OpenADR Alliance members Driivz and Elaad NL, OSCD project goals were to improve the electric vehicles charging process in order to reduce grid expansion costs, to enable new business models for e-mobility parties, and to incorporate flexibility requestors in a collaborative chain of actors.

HOLISDER - <http://holisder.eu>

HOLISDER designed an open and interoperable framework, comprising a fully-fledged suite of tools addressing the needs of the whole demand response value chain. The framework would enable consumer empowerment and transformation into active market players, through the deployment of a variety of implicit and hybrid demand response schemes, and supporting a variety of end-user applications for Personalized Informative Billing, Human-Centric Energy Management, Load Scheduling and Intelligent Controls, Predictive Maintenance, and Context-Aware Automation

FLEXcoop - <http://www.flexcoop.eu>

FLEXcoop provides a set of end-user interfaces addressing the analytics, optimization and control dispatch requirements of aggregators. This visualization platform includes user interfaces and multi-purpose dashboards addressing the needs of aggregators.

DELTA - <https://www.delta-h2020.eu>

Creates semantic demand response interoperability by exploiting the untapped flexibility of small/medium prosumers, through a novel, secure DR Management Platform. The project sought to ease Aggregator's computational effort through a distributed intelligence Architecture, engage prosumers in both explicit and implicit DR through a social collaboration and incentivization platform with personalized interfaces, and achieve end-to-end interoperability through using/extending open source protocols (e.g. OpenADR)