



## Panel session – Managed Charging with the customer in mind

Rolf Bienert – OpenADR Alliance

Lennart Verheijen – Krachtwerk

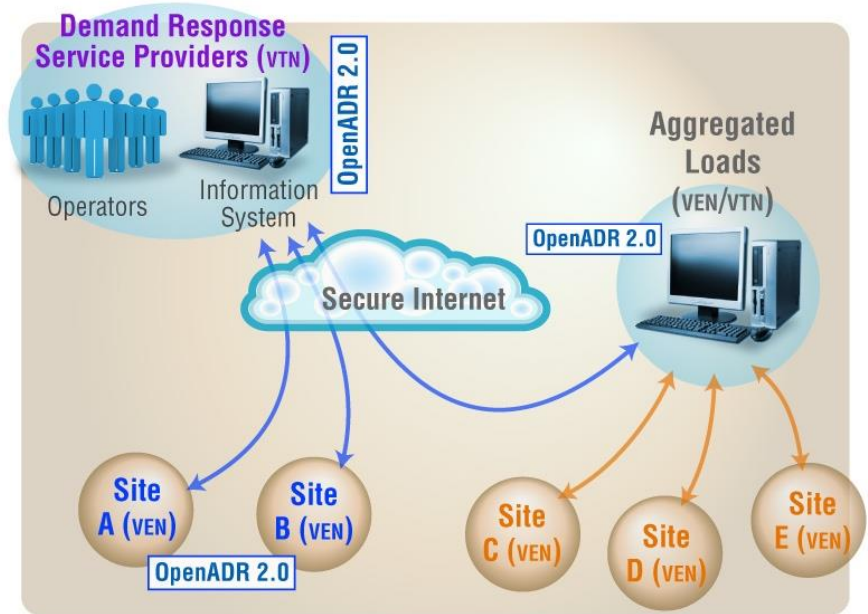
Bartosz Majewski – Codibly

OpenADR Alliance  
FLEXCON September 2024

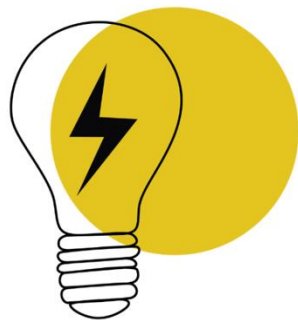


# Quick Intro OpenADR

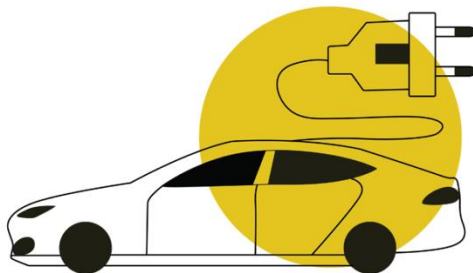
OpenADR (also IEC 62746-10-1) provides a non-proprietary, open standardized Demand Response (DR) & Distributed Energy Resources (DER) interface that allows DR service providers to communicate DR, DER, and TE (Transactive Energy) signals directly to existing customers using a common language and existing communications such as the Internet.



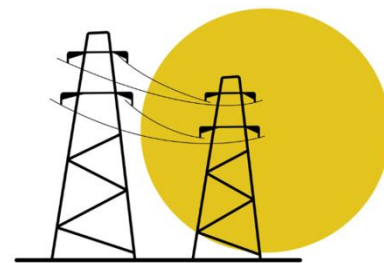
# Quick Intro



Energy



Electric mobility



Infrastructure

# Quick Intro



2010 – 2016: Grid operator Enexis

2016 – 2023: GreenFlux, SaaS platform for CPO's and EMSP's

2023 – now: Consultant at Krachtwerk  
→ Implementation Grid Aware Charging



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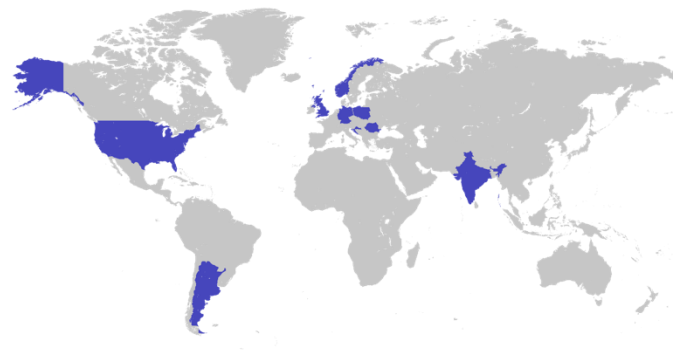
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# Shaping future in e-mobility & renewable energy

Codibly provides Systems Integration & Software Services for **Renewable Energy & eMobility** technology companies.

We provide dockerized accelerators for industry protocols & standards  
(IEEE 2030.5, OpenADR, EEBUS)

We're **contributing member & implementation partner** of OpenADR 2.0 / 3.0 standards.



**1600+**  
employees

**Listed on**  
Warsaw Stock  
Exchange



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# Shaping future in e-mobility & renewable energy

As a **Software Technology Consultancy & System Integration Expert** one of our key services is to help in addressing critical **interoperability** challenges across diverse energy and mobility sectors:

- 1. Choosing the right tools** - Select seamless, scalable, and compliant technologies and protocols (e.g., OpenADR, OCPP).
- 2. Planning effective strategy** - Implement cost-efficient, secure solutions with minimal disruption.
- 3. Managing complexity** - Integrate DERs, EV charging, and grid platforms for smooth interoperability.
- 4. Ensuring scalability** - Design for growth and evolving market demands.
- 5. Securing compliance** - Support compliance and certification processes

## What are we seeing?

A significant surge in inquiries for OpenADR implementations.

**Why?** driven by the increasing demand for:

1. Scalable and reliable energy management solutions
2. Integration with **Distributed Energy Resources (DERs)**
3. The expanding **EV charging** infrastructure
4. Broader **grid modernization** efforts
5. The need for a **unified, standardized approach** to ensure equal access and opportunities across energy networks



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# Shaping future in e-mobility & renewable energy

## FREQUENTLY ASKED OpenADR IMPLEMENTATION QUESTIONS:

- Can OpenADR be integrated with an OCPP server, and if so, how?
- How long does the certification process for OpenADR take?
- How complex is it to deploy a new VEN that connects to multiple VTNs, especially considering we want to ensure compatibility with other VTNs?
- What is the strategy for managing enrollment, opt-out processes, etc., and how will this fit within our product line, particularly for residential chargers?
- Can we reuse our existing services or data lake as the telemetry service to feed metered values and other energy-related information for OpenADR?

# Panel Discussion

- Rolf Bienert – [rolf@openadr.org](mailto:rolf@openadr.org)
- Lennart Verheijen - [lennart@Krachtwerk.nl](mailto:lennart@Krachtwerk.nl)
- Bartosz Majewski - [bartosz.majewski@codibly.com](mailto:bartosz.majewski@codibly.com)

