

SECOND  
**OpenADR++ Users  
Conference Europe**

November 19-20  
London, UK



**Welcome to London!**

**Internet:  
#OADRUserConf  
#EcoPort**

Co-hosted by:



Department for  
Energy Security  
& Net Zero

**ECOPORT**

TM

 **openADR**  
ALLIANCE

# Tuesday Morning

9:30am - 10:00am	<p><b>Morning Keynote:</b></p> <p><b>Keynote Speaker: Duncan Stone, Deputy Director for Smart and Secure Electricity Systems (SSES), UK Department for Energy Security and Net Zero - Title: UK Government Policy on Demand Side Flexibility - 15 min</b></p> <p><b>Keynote Speaker: Damitha Adikaari, Director for Science &amp; Innovation for Climate and Energy (SICE), UK Department for Energy Security and Net Zero - Title: A smart and flexible electricity system: How innovation and smart technologies can contribute to Net Zero - 15 min</b></p>
10:15am - 12pm	<p><b>Presentation Session one: UK progress on domestic flexibility – standards and innovation</b></p> <p>Introduction IDSR Program and PAS 1878 - Daniel Galloway, Rebecca Shutt - 20 min</p> <ol style="list-style-type: none"><li>1. Passiv UK / Samsung - Robert Scudamore - IDSR Developers - 20 min</li><li>2. Centrica - Enrico Migliorini - IDSR Developers - 20 min</li><li>3. Engage Consulting Limited - Royston Black - IDSR Testing - 20 min</li><li>4. Resillion - Peter Shorrocks - IDSR Testing - 20 min</li></ol>

# Tuesday Afternoon

1:00pm - 1:30pm	<b>Afternoon Kick-off Presentation: An Update From the Other Side - New Zealand's Progress With Flexibility - Terry Paddy, Cortexo</b>
1:30pm - 3:45pm	<b>Presentation Session two: Moving Forward and New Ideas</b>  1. OpenADR 3.0 Developing Workshop - Michał Juszczyk, Codibly - 30 min  2. Open Source Implementation of OpenADR 3.0 - Arjan Wargers, Elaad - 30 min  3. OpenADR and Matter - James Harrow, geotogether - 30 min  4. PAS 1878 within the international standard landscape – Dr Lee Gould, Kinberry - 30 min
4:00pm - 5:00pm	<b>Workshop with Experts for several standards</b>  Large round table panel session with all speakers and other experts. The audience is encouraged to ask questions about OpenADR and other standards. This is an open discussion workshop. Send your questions in advanced to <a href="mailto:events@openadr.org">events@openadr.org</a> or ask them directly onsite.
5:00pm	<b>Networking Happy Hour at a local Pub</b>

Pub: The Clarence



# Wednesday Morning

8:30am -  
8:50am



Welcome back & Kick-off Presentation: Recap of Day 1 and Thoughts Moving Forward  
*Laura Schade, DESNZ*

8:50am -  
9:00am

**Morning Coffee Refresh and OpenADR Alliance Next Steps by Rolf Bienert**

9:00am -  
9:30am

**Keynote: A US Perspective - Flexibility and Dynamic Prices - Albert Chiu, Pacific Gas & Electric, California, USA**

9:45am -  
11:30pm

**Presentation Session one: Energy Networks Association UK**

Speakers: Avi Aithal, ENA; Tim Manandhar, UK Power Networks; Joe Davey, National Grid

1. Intro of Energy Networks Association and Open Networks - 20 min
2. Outline of Flexibility Plans - 20 min
3. Implementation Roadmap and Hurdles - 20 min
4. Flex Service Provider Onboarding - Reducing Cost and Increasing Resource Availability - 20 min

11:30am -  
12:00pm

A Developer Perspective - Coping with a variety of standards - OpenADR, OCPP, etc.  
- Łukasz Kulczyński, Codibly

# Wednesday Afternoon

1:00pm -  
1:30pm



**Afternoon Kick-off Presentation: Growth Areas for OpenADR - EVs, Virtual Power Plants, and More**  
*Don Dulchinos, OpenADR Alliance*

1:30pm -  
3:45pm

## **Presentation Session two: EV and Beyond**

1. A French View on Flexibility Aggregation - Oliver Sartor, Voltalis - 20 min
2. International Policy Approaches to Energy Management - Mente Konsman, TNO Netherlands - 30 min
3. Managed Charging and V2X - Arjan Wargers, ELAAD - 30 min
4. S2 - A new building data model for energy systems - Adriaan van Eck, Flexiblepower Alliance Network - 30 min
5. EEBUS and Germany update - Annike Abromeit, EEBUS Initiative - 20 min



# OpenADR Progression



Research initiated by LBNL/ CEC

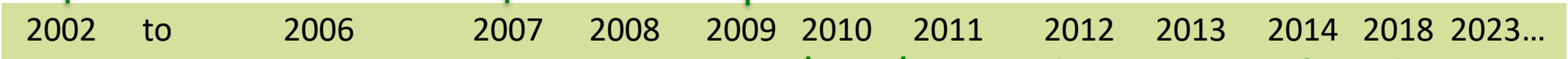
OpenADR 1.0 Commercialization  
(PG&E, SCE, and SDG&E)

Pilots and field trials  
Developments, tests (Utilities)

Official OpenADR specification (v1.0) by  
LBNL/CEC\*

- DR 2.0 Pilots** and field trials
  - Wholesale markets, ancillary services
  - Dynamic pricing, renewable, EVs
  - International demonstrations
- All end-uses and sectors**

OpenADR 3.0  
in process



- OpenADR Standards Development
  - OASIS (EI TC), UCA, IEC
- NIST **Smart Grid**, PAP 09

**EI 1.0 standards**  
- OpenADR profiles\*\*



- OpenADR 2.0** specifications
  - International standards (IEC)
  - **OpenADR 2.0** products/deployments.
- USGBC** national pilots
- Codes** (CA T24)



- Foster Adoption
- Test/Certify (v2.0)

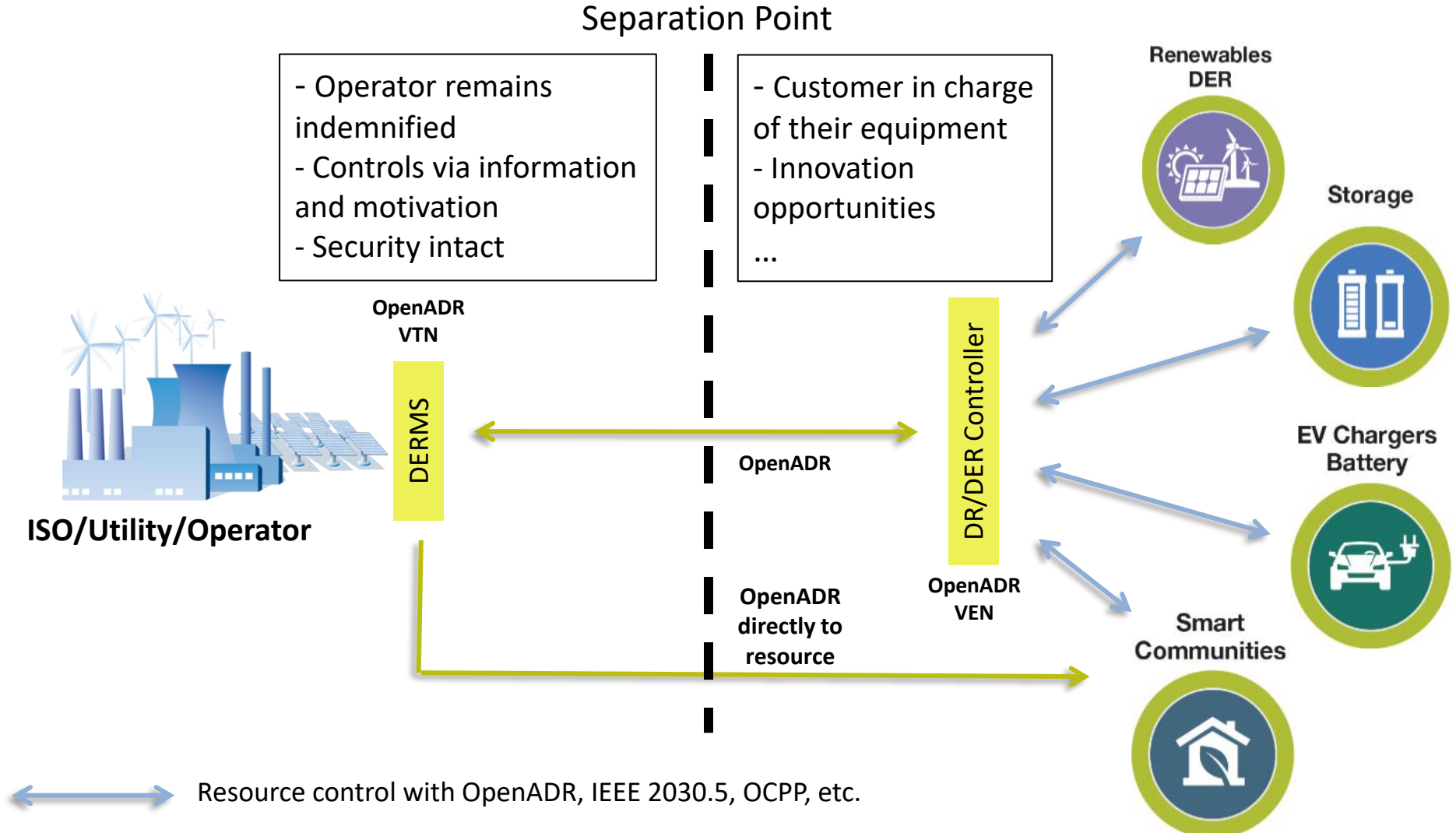


\* OpenADR v1.0: <http://openadr.lbl.gov/>

\*\* OASIS EI 1.0 standards: <http://www.oasis-open.org/committees/download.php/45425/energyinterop-v1.0-cs01.zip>

\*\*\* Publication: <http://drrc.lbl.gov/sites/drrc.lbl.gov/files/LBNL-5273E.pdf>

# Demarcation



# Thank you!

## Contact:

Rolf Bienert

Managing & Technical Director OpenADR Alliance

[rolf@openadr.org](mailto:rolf@openadr.org)

## Business Development

Don Dulchinos

[don@openadr.org](mailto:don@openadr.org)

## Marketing

Shannon Mayette

[shannon@openadr.org](mailto:shannon@openadr.org)