



Kurzvorträge über die

25. CIRED – Internationale Konferenz für Stromverteilung

**am 3.-6. Juni 2019
in Madrid, Spanien**

**Working Group: Blockchain, Transactive Energy and P2P
Trading**

Vortragender: Helfried Brunner (Mark Stefan)



Blockchain, Transactive Energy and P2P Trading



- Investigation of the opportunity of Blockchain technology for the distribution system operation sector, namely how it can facilitate the development of new services
 - Impacts of the Blockchain technology on the energy sector and community energy model concept
 - Role of the DSO in the implementation of new marketplaces and the challenges of the transactive energy
 - Blockchain in distribution systems
 - Conclusions and recommendations for further actions



Members



- 21 members
- 13 countries
- 17 entities

| Name | First Name | Company | Country |
|-----------------|-------------|---|--------------------------|
| Wagner-Bruschek | Clemens | E-Control | Austria |
| Stefan | Mark | AIT Austrian Institute of Technology GmbH | Austria |
| Hemm | Regina | AIT Austrian Institute of Technology GmbH | Austria |
| Yu | Jie | Power Economics & Technology Research Institute | China |
| Fujdiak | Radek | Brno University of Technology | Czech Republic |
| Honkapuro | Samuli | Lappeenranta University of Technology, Finland | Finland |
| Breslow | Paul | EDF inc | France |
| Caire | Raphael | G2ELAB | France |
| Tan | Victoria | Enedis | France |
| Bonnard | Anais | EDF | France |
| Alberdi | Gaizka | Enedis | France |
| Masikos | Michail | Deddie | Greece |
| Politopoulou | Sophia | Deddie | Greece |
| Krishnamurthy | Padmasri | ABB | India |
| Dal Canto | Diego | Enel | Italy |
| Fumanal | Guillermo | Enel | Italy |
| André | Ricardo | EDP CNET | Portugal |
| Santos Moro | Luis Manuel | EDP Spain | Spain |
| Ruwaida | Yvonne | Vattenfall | Sweden |
| Velotto | Giovanni | ABB | Sweden |
| Casey | Jeffrey R. | Burns & McDonnell | United Kingdom |
| Sweeney | Micah | Electric Power Research Institute | United States of America |

- Presentation of Austrian/AIT activities
 - SonnWende+: Master thesis R. Hemm
 - Peer-to-Peer im Quartier: Project overview
 - Blockchain Grid: Project overview, use cases and architecture
- (Open/Missing) regulatory framework
- Deliverable





Besten Dank für die Aufmerksamkeit!

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