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WEBINAR: STANDARDIZATION OF PRIVATE DATA IN ENERGY MARKETS

23 February 2021 @ 8:00 - 11:00 ET | 14:00 - 17:00 CET

<u>**SPEAKER BIOS**</u>

Simone Accornero

FlexiDAO, CEO & co-founder -- Smart Energy Entrepreneur, Research Engineer and recipient of EIT EU 2018 CHANGE Award. Double MSc at KU Leuven and Universitat Politecnica de Catalunya. Expertise in energy management consultancy, wholesale and local electricity markets, smart distribution systems and blockchain applications for the energy sector.

FlexiDAO is a cleantech start-up based in Amsterdam and Barcelona, building software solutions to help businesses consume zero-carbon electricity in a transparent and environmentally impactful way.

Gerrit Fokkema

Gerrit has worked in the energy sector for over thirty years in the Netherlands and in the UK, mostly working on the IT side and interface of the business. Since 2001, in opening up the energy market in the Netherlands, he was heavily involved in setting up the Dutch datahub (at that time called Energy Clearing House, nowadays EDSN). Since the liberalisation of the market

he has been working on expanding the datahub and (therefore) collaborating with the market participants in developing and improving market processes. Since 2007 Gerrit is also working with ebIX, a European organisation modelling and aiming to harmonise downstream processes for the European energy market. He is and has been chairing a lot of project groups to model diverse downstream processes (see www.ebIX.org for an overview and for process models).

Georg Hartner

Georg has a technical computer science and enterprise architecture background and spent his first years in the Energy Industry working in the wholesale Energy Trade & Risk Management area, consulting a big number of international clients on trading systems, risk management and compliance with *REMIT* (EU Regulation on Energy Markets Integrity and Transparency), *EMIR* (European Market Infrastructure Regulation) and *FMIA* (Swiss Financial Markets Infrastructure Act). Regulatory reporting initiatives always have a standardization flavor that we can learn from.

Through a coordinating role in GridChain (a research project run by Austrian system operators to learn about the potential of congestion management through blockchains) Georg was nominated by *Austrian Energy* to contribute to *EU Smart Grids Task Force Expert Group 1*'s report "Towards Interoperability within the EU for Electricity and Gas - Data Access and Exchange", which formulated a key set of recommendations that are now used as design principles for the interoperability efforts under development. Georg is an Editorial Team Member nominated by *GEODE - The voice of local energy distributors in Europe* in EG1's current effort to design and draft such an enterprise in close cooperation with key stakeholder representatives and the *European Commission*.

Kalle Kukk

Mr Kalle Kukk has worked for Estonian electricity and gas transmission system operator Elering since 2010. His current focus as senior advisor is on TSO-DSO coordination matters and digitalization of energy systems, including data management projects (like Horizon2020 project EU-SysFlex). Before he has been responsible for R&D coordination, risk management and discovering new business opportunities for the company.

He has a master degree in economics. Previously he has worked for the Estonian Ministry of Finance, the IMF Estonia office and for a short term for Eurostat. Main tasks have been related to economic analysis, fiscal policy advice, treasury affairs and financial control.

Eric Lambert

Mr. Lambert began his career in Power System Controls at HydroQuébec from 1988 to 1994 and entered EDF R&D in 1994. At the present time he is senior research engineer and project manager of EDF R&D project supporting EDF group standardization strategy and he is involved in H2020 BRIDGE initiative representing H2020 TDX-ASSIST and EU-SysFlex projects. He has been involved since 1997 in several IEC TC57 (Power System Management and Information Exchange) working groups. Editor of several IEC standards : IEC IS 61968-13 (Common Distribution Power System Model), IEC IS 62325-451-10 (My EnergyData), IEC TR 62357-1 (TC57 reference Architecture), IEC TR 62357-2 (TC57 Use cases). Member of IEC SyC Smart Energy(WG6, WG5, JWG3), Member of IEC TC8. WG11 Power Quality, SC8B ahg2 MicroGrid Use Cases Representing CEN/CENELEC/ETSI CG-SEG in European Smart Grid Task Force Expert group 1 (Data Interoperability). Formerly involved in ADDRESS, DERri European projects.

Michael Murray

Michael Murray is co-founder and president of Mission:data Coalition, a non-profit advocate for energy data portability. Previously, he served as co-founder and CEO of Lucid, an energy management software company for commercial buildings. He has over 18 years of experience with building automation, energy management, metering and public utility regulation. Michael earned his B.A. with highest honors from Oberlin College.

Valerie Reif

Valerie Reif is a Research Associate in electricity regulation at the Florence School of Regulation (FSR), European University Institute in Italy. Currently, her main research interests are the EU Electricity Network Codes and interoperability. Before joining FSR in September 2018, Valerie worked at the Technology Platform Smart Grids Austria where she was involved in a research project on interoperability in the energy system. Valerie holds both a BSc and an MSc degree in Renewable Energy Engineering (University of Applied Sciences Technikum Wien, Austria) and a BA in European Studies (University of Passau, Germany). Next to her studies, Valerie worked at the EU Representation Office of Oesterreichs Energie in Brussels and Austrian Power Grid in Vienna.

Daniel Roesler

Daniel Roesler is the founder and Chief Technology Officer at UtilityAPI. He is the Vice-Chair on the board of the Green Button Alliance and is an active contributor to the OpenADE technical working group as well as the Customer Data Access Committee (CDAC) at the California Public Utilities Commission (CPUC). In his spare time, Daniel volunteers for the League of Women Voters, the Code for America Brigade OpenAustin, and maintains several open source privacy and security projects.

Georg Rute

Georg Rute joined Elering, the Estonian power and gas transmission system operator, in 2017 to execute key digitisation initiatives, including the Data Bridge Alliance which aims to ensure interoperable access to smart meter data around Europe. Before joining Elering, Georg founded a demand response aggregator, Sympower, that is currently active in several countries around the world. Georg holds a Master's degree in Sustainable Energy from Imperial College London.

Jeremy J. Roberts

Jeremy J. Roberts serves as the executive director & general manager of the Green Button Alliance. Jeremy has served in several of the U.S. NIST's Domain Experts Working Groups (DEWGs) and SGIP's Priority Action Plan (PAP) groups, which created the foundation for the Green Button. He is a signatory to the GridWise Architecture Council's 2005 Constitution on Interoperability, and a former voting member of OASIS' Energy Market Information Exchange (eMIX) and Energy Interop technical committees.

He has worked with the Consumer Technology Association's R7 energy and home electronics groups and drove U.S.-national and international standardization activities with ANSI, US-CERT, SGIP, ASHRAE, ISA, OASIS, SAE, IEEE, and ISO/IEC's JTC1.

In the early 1990s, he managed software development for smart-thermostat software creation in the nascent demand-side energy-management (DESM/DSM) market; the precursor to Demand-Response (DR). Jeremy holds a Bachelor of Science (BS) degree in Computer Technology from Central Michigan University, and a Master's in Business Administration (MBA) with emphasis in Global Management from the Sperling School of Business of the University of Phoenix, Philadelphia.

Giulia Serra

Giulia Serra is a policy officer in the DG ENER unit responsible for Innovation, Research, Digitalisation and Competitiveness. She has a Master's degree on Management of International Business with a specialisation on renewable energy market. After an experience as project manager in a consulting company operating in the photovoltaic sector, she is now one of the coordinators of DG ENER activities aimed at assessing EU competitiveness of clean energy technologies in the global market. Giulia is also part of the team responsible for the Digitalisation of Energy Action Plan, outlined in the Communication on "Powering a climate-neutral economy: an EU strategy for Energy System Integration" as one of the key actions to accelerate the implementation of digital solutions

Fedder Skovgaard

Coming from a developer background Fedder have spent the last 10 years focusing on harmonizing the data exchanges in the European power domain nationally during the implementation of the Datahub for the danish downstream market and through ENTSO-E and is a member of IEC TC57/WG16 "Deregulated Energy market communication".

Maximilian Urban

Maximilian Urban is working for NOe Netz, the DSO company of EVN Group in Lower Austria. EVN is active with electricity, gas, district heat, TSO and DSO activities in Bulgaria and Macedonia as well.

Maximilian Urban is the Information Security Officer of NOe Netz, the Innovation Manager, Smart Grids Project Manager and representative of NOe Netz at E.DSO for Smart Grids. Additionally he is chairmen of the Eurelectric Working Group Technology (DSO Committee).

After his studies of Industrial Engineering, Electrotechnical Engineering and Business Administration he joined Siemens Power Systems Control division and implemented projects in Venezuela and Sweden. After being responsible for sales and marketing of Eastern Europe and Central Asia for Siemens Power Systems Control solutions, Maximilian Urban headed the sales of a small Austrian energy supplier shortly before joining Siemens Germany and being responsible for the project support of the IT landscape implementation.

In 2007 Maximilian Urban joined EVN to develop energy services within the energy efficiency directive and the subsequent Austrian law. Since 2012 he has worked for the DSO NOe Netz to drive the "smart" innovations.

Bas de Vrind

Bas de Vrind, Manager Data Exchange at the Dutch DSO Alliander. At a national level project lead for the development of a data sharing solution where consumers are in control of their energy data.

David Wollman

Dr. David Wollman is Deputy Director of the Smart Grid and Cyber-Physical Systems Program Office of the U.S. Department of Commerce's National Institute of Standards and Technology (NIST). In addition to expanding NIST's coordination and research activities in cyber-physical systems (CPS) and the Internet of Things (IoT), he also has extensive experience and contributions in smart grid, including building up NIST's smart grid program in response to the Energy Independence and Security Act, and accelerating the development of smart grid interoperability standards including for Green Button energy usage information. Dave received his Ph.D. (Condensed Matter Physics) from the University of Illinois at Urbana-Champaign, and has received many awards, including two U.S. Department of Commerce Gold Medals, a Silver Medal, the NIST Applied Research Award, and three U.S. patents.