

Working Group Innovation & Development

Actions & Agreements

Hybrid meeting – Brussels & MS Teams

1 February 2024

List of Participants

In person

Ramon Gallart Fernandez	Estabanell, ES, WG Chair
Alberto Sanchez Perez	Cuerva Energia, ES
Osmo Siirto	Helen, FI
Lisbeth Anita Vingås	Elvia, NO
Carmen Gimeno	GEODE
Federica Bruni	GEODE
Anna Smičková	GEODE
Silvia Torres	GEODE

Online

Mike Kay	ENA, UK
Miia Miettinen	Finish Energy, FI
Heine Pirjo	Helen, FI
Erdal Bergsten	Kraftringen Nät AB, SE
Andrzej Zielasko	ESV, PL
Rafał Trzaska	ESV, PL
Geir Magne Abusdal	Glitre Nett, NO
Ignacio Cuerva	Cuerva Energía
Pablo López	Cuerva Energía
James Pleass	ENA, UK
Kristoffer Sletten	Glitre Nett, NO
Erno Leväniemi	Elenia, FI
Jürgen Marchgraber	Linz Strom Netz, AT
Lukas Peuckmann	Stadtwerke Münster, DE
Harri Salomäki	Elenia, FI
Karl Rossegger	Linz Strom Netz, AT
Xavier Bou	Electra Caldense, ES
Hans Taus	Wiener Netze, AT

Guest Speakers

Cristina VAZQUEZ	ACER
Akos HOFSTADTER	ACER
You-Shing Pang	UK Power Networks

Subject	Summary/Actions	Timeframe	Responsible
Introduction & Tour de Table	<p>SUMMARY</p> <ul style="list-style-type: none"> • Introduction by Ramon Gallart and Tour de Table • Ramon Gallart presents the agenda of the meeting and gives an overview of the WG Innovation in 2023. • He presents the work plan of the WG for 2024. • The following topics are identified as the next priorities of this Working Group: <ul style="list-style-type: none"> - Digitalisation of Grids roadmap (sharing best practices) - Flexibility - Flexible connection agreements (experience and best practices) - Submetering - Energy Sharing schemes 		
Follow-up of actions agreed at last WG meeting, 26 September 2023	<p>SUMMARY:</p> <ul style="list-style-type: none"> • Actions agreed of the last meeting are summarized in the documentation available. 		
EU Policy updates	<p>SUMMARY:</p> <ul style="list-style-type: none"> • Federica Bruni presents the timeline of the EMD reform and introduces the most relevant articles of the consolidated text regarding network tariffs, flexibility, submetering, energy sharing and consumers, pointing out some key provisions for DSOs • Geir Magne Abusdal mentions that regarding the Article 19c of Regulation (a mandate to the EU DSO Entity and ENTSOE to assess the flexibility needs), a call for experts is launched within Expert Group Distributed Flexibility. In case any members are interested to join this working group, they are welcome to contact Geir who will share more information. • Harri Salomaki mentions that while developing their network plans, Elenia (together with other DSOs – in total about 50 % of Finland) was 		

	<p>asked by NRA to provide assessment of flexibility needs by May. They will share their ideas/experiences later in the year</p> <ul style="list-style-type: none"> • Federica Bruni provides an overview of the Action Plan on Grids (GAP), including the 7 challenges pointed out by the Commission, outlining among the 14 actions those key actions for DSOs and the pact for engagement. • She presents other relevant policy files. <p>ACTIONS</p> <ul style="list-style-type: none"> • GEODE Secretariat will share with WG members the full texts of the EMD – both Regulation and Directive. • WG members are welcome to reach out to Federica Bruni for any questions that may arise. • Federica Bruni invites WG members to attend a webinar on the Electricity Market Design reform on 21 February to further discuss the final provisions. 	21th February	GEODE Secretariat & WG members
Network Codes updates	<p>SUMMARY:</p> <ul style="list-style-type: none"> • Members of the expert groups present Network Codes updates on: • <u>Network Code on Demand Response</u>, giving an overview of the EG DF achievements from September to date. • Hans Taus mentions that the deadline for DSO Entity & ENTSO-e to deliver the Network Code to ACER is 8th May 2024 (deadline extended from initial date). He mentions that DSO Entity & ENTSO-e will run an internal consultation in early March 2024 for 2 weeks, after which the draft should be completed. • Hans Taus also mentioned that there are significant amendments to the text after the public consultation that run at the end of 2023. • The current discussions are mainly with SmartEN and Eurelectric on the compensation schemes in case of a DSO/TSO setting temporary limit to bid flexibility in the market if the activation of a flexibility service might create issues in the grid. TSOs & DSOs are aligned against any sort of compensation to market parties. • A compromise on the local flexibility markets was reached – which is not necessarily good news for DSOs. This compromise is also not following the framework guidelines. 		

	<ul style="list-style-type: none"> - Hans Taus raised a question whether the Terms, Conditions and Methodologies TCMs to be developed as part of a NC implementation are legislation. See short briefing on this respect prepared by the Secretariat (1) - Mike Kay gives a short briefing on the status of amendments of the existing Network Codes and mentions some issues that DSOs should pay attention to. - Carmen Gimeno gives an overview of the status of Network Code Cybersecurity, which was shared with GEODE Secretariat by Armin Selhofer <p>ACTIONS:</p> <ul style="list-style-type: none"> • WG Members agree to continue sharing updates on the relevant workstreams as well as ask support to the group if needed. 		
<p>ACER Presentation - Report</p>	<p>SUMMARY</p> <ul style="list-style-type: none"> - Cristina Vazquez (ACER) presents their Report “Demand response and other distributed energy resources: what barriers are holding them back?”. - She mentioned a public consultation launched by ACER on this topic which was running till 2nd February. <p>ACTIONS</p> <ul style="list-style-type: none"> • GEODE Secretariat will share the ACER’s report with WG members. 	<p>Asap</p>	<p>GEODE Secretariat</p>
<p>Opendatasoft & GEODE & E.DSO - The State of European Energy Data Maturity Report</p>	<p>SUMMARY</p> <ul style="list-style-type: none"> • Due to a lack of time this topic was skipped and will be presented in one of the following meetings. <p>ACTIONS:</p> <ul style="list-style-type: none"> • GEODE Secretariat will share the report with WG members. 	<p>Asap</p>	<p>GEODE Secretariat</p>
<p>Presentation by Alberto Sanchez on Smart Grid key performance indicators.</p> <p>Roundtable discussion: DSOs & Digitalisation -</p>	<p>SUMMARY</p> <ul style="list-style-type: none"> • Alberto Sanchez gives a presentation on Smart grid key performance indicators from a DSO perspective. • He highlights the six common challenges identified by his company and identifies and 		

<p>How to achieve the optimal status?</p>	<p>defines 8 SGI. Among them a KPI 8 “customer engagement” is included</p> <ul style="list-style-type: none"> • He presents Gridify – a project that is run by Cuerva Energia since January 2024, which aims to develop a methodology to calculate different SGIs, in order to assess the digitalisation status of a distribution grid with a “simple” evaluation • He mentions that since this is a very new project, they would welcome any feedback or any experience from other GEODE members, which could help them developing this tool • The presentation was followed by a discussion on digitalization of grids. • Lisbeth Vingas mentioned that a company has at the beginning correctly identify the problem and how digitalisation can solve it and after that a proper solution can be identified. She also mentioned that in Norway, digitalization of DSOs is already well developed. She mentioned that in Norway a company dedicated to digitalization of DSOs has been established with the participation of DSOs as partners, in order to assure a good standardization and cooperation between different DSOs, which also helps them with network planning, data platform with data available for the different DSOs are stored etc. She mentioned that around 40 (of total 90) DSOs in Norway are involved, including the Norwegian TSO. No market parties are allowed to enter this company. • Harri Salomaki mentioned that in Finland the biggest issue they are facing currently regarding digitalization are legacy systems. He also mentioned that since now energy is a big topic in all European countries, we should use this opportunity in order to act now. • Pablo Lopez mentioned that it is very important to also include in the discussion the company and its decision makers – to make them aware of the technologies available, current trends etc. <p>ACTIONS</p> <ul style="list-style-type: none"> • WG members agreed to invite a representative from the Norwegian company on digitalization to present this use case. • WG members agreed that this could be an interesting topic for the following GEODE fact-sheet 	<p>Before the next meeting</p> <p>March 2024</p>	<p>GEODE Secretariat</p>
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	<ul style="list-style-type: none"> • WG members agreed to discuss this topic more in depth in the next meeting, in order to identify common concerns. • GEODE Secretariat will share Cuerva’s Gridify tool for GEODE Members’ comments. 	<p>Before the next meeting</p> <p>ASAP</p>	
<p>GEODE Study trip</p>	<p>SUMMARY</p> <ul style="list-style-type: none"> • Silvia Torres presents the Study trip draft proposal to Boston, US. • She gives an overview of the different universities, regulatory bodies, utilities and innovation projects that could be of interest to visit. • Carmen Gimeno points out that the Secretariat still needs to contact the organizations to consider the possibility of visiting the proposed places. • She presents two dates proposals considering other events in GEODE calendar 2024. <p>ACTIONS</p> <ul style="list-style-type: none"> • GEODE Secretariat will share the draft agenda and circulate a survey for members to express interest – as a pre-registration to assess the number of potential participants indicating preferences for dates. • In case any GEODE members have ideas of what to visit, any suggestions or any contacts that would help GEODE Secretariat organizing this Study Trip, they are very welcome to share these with the GEODE Secretariat. 	<p>Asap</p>	<p>GEODE Secretariat</p>
<p>Energy Sharing – GEODE key messages</p>	<p>SUMMARY</p> <ul style="list-style-type: none"> • Discussion on the key elements set in the meeting of 11 October 2023, including grid costs, virtual energy sharing, grid tariffs, harmonization of procedures, data exchange, energy sharing coordinators and permitting. • The Secretariat asked for volunteers from the WG to help prepare the fact-sheet. Members of the drafting team can be also other colleagues from GEODE’s members that are interested to work on this topic. • Ramon Gallart mentioned the importance of the GEODE papers and mentioned that this Working Group should start working on a fact-sheet. 		

	<ul style="list-style-type: none"> • Lisbeth Vingas mentioned that many countries do not have experience with energy sharing nor energy communities • Anna Smičková mentioned that GEODE is organizing a webinar on 1st March on Energy Sharing, which can help GEODE members to understand the concept better. <p>ACTIONS</p> <ul style="list-style-type: none"> • Working Group members agreed to reschedule the discussion on the fact-sheet after the GEODE webinar, which can help them understand better the concept of energy sharing. 	After 1 st March	GEODE members
Tech Corner - UK Power Networks – Using energy data to drive energy system decarbonisation	<p>SUMMARY</p> <ul style="list-style-type: none"> • Yiu-Shing Pang introduces UK Power Networks and the UK Electricity system. • He presents the challenges driven by DER and the UKPN strategy to transition to a DSO. • The presentation centered on how open data are being used and the different ways they use them - they use the data to help them with planning. He explained that data is crucial to efficient system operation and delivers. • Explained that open data means ease of access for all stakeholders and showed a local area energy plan (their most prioritized use case for Open Data), their network infrastructure and usage map, and their network operational data dashboard. • Presented some use cases, such as real-time power cut alerts to EV drivers and assessing the network for connection opportunities. • Finished the presentation by explaining other use cases, such as street works and environmental noise. <p>ACTIONS</p> <ul style="list-style-type: none"> • WG members are welcome to propose other projects to be presented at the next WG meetings. 		
AOB & Next WG meeting	<p>SUMMARY</p> <ul style="list-style-type: none"> • Members discuss how to improve the WG meetings planning. 		

	<ul style="list-style-type: none"> • The Secretariat asked WG members if they are interested in hosting a meeting with a visit to their facilities. • Members agree to try to schedule the meetings a year ahead, with 1 of the meetings will held in person in Brussels and another meeting will be hosted by a member, and the other two will take place online. • The Secretariat presents the next GEODE events, including the Webinar on energy sharing, the webinar on EMD and the Spring seminar. <p>ACTION</p> <ul style="list-style-type: none"> • WG members interested in volunteering to host the on-site meeting are welcome to contact the Secretariat. • GEODE Secretariat will share with WG members a doodle in order to find the suitable days for the next meeting. 		<p>GEODE Secretariat</p>
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(1) Terms, conditions and methodologies, CMs are **detailed and binding rules** that regulate a range of issues concerning electricity trade (e.g., market platforms) and the operation of electricity networks. TCMs are drafted by the transmission system operators (TSOs), and adopted by regulators. National TCMs are adopted by each national regulator. Regional and European TCMs are adopted unanimously by the national regulators in a region, or across Europe. If the latter disagree or decide to refer it, decision-making is moved to ACER. To adopt a TCM, ACER needs a favourable opinion from its internal Board of Regulators, where national regulators have one vote each, and where the Commission also participates (without voting rights).

Brussels, 1 February 2024