



## ***MULTI-LAYER AGGREGATOR SOLUTIONS TO FACILITATE OPTIMUM DEMAND RESPONSE AND GRID FLEXIBILITY (SMART-MLA)***

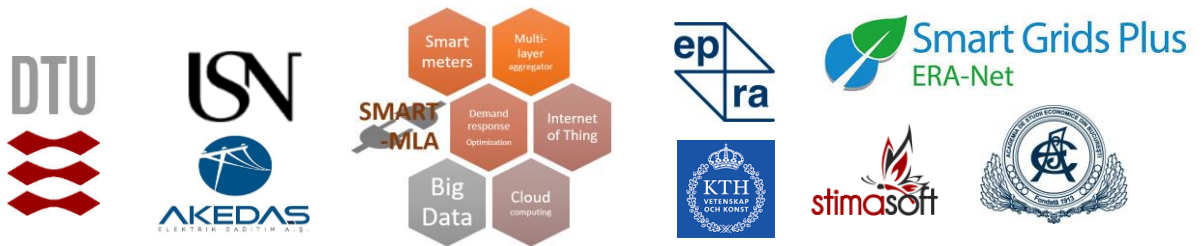
Thirteenth meeting on SMART\_MLA  
 Time: 25 March 2021, 11 AM Istanbul Time  
 Venue: Online

### **1. List of participants**

<b>First name</b>	<b>Last name</b>	<b>Institution</b>	<b>Country</b>
Saeed	Teimourzadeh	EPRA	Turkey
Ayda	Shaker		
Alican	Kayikci	AKEDAS DSO	
Lasse	Berntzen	USN	Norway
Thomas	Brekke		
Marius Rohde	Johannessen		
Qiuwei	Wu	DTU	Denmark
Xiaolong	Jin		
Yusen	Wang	KTH	Sweden
Ming	Xiao		
Filip	Fedeles	Stimasoft	Romania
Adela	Bara	BUES	
Simona Vasilica	Oprea		

### **2. Discussed items and decisions**

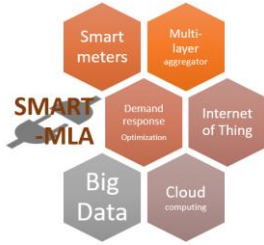
- **Note1:** The fourteenth consortium meeting of SMART MLA held on 25 March 2021 through online media due to COVID 19 crisis.
- **Note2:** Outline, scope and current status of the project, the fulfilled targets, and timeline was reviewed by the project manager.
- **Note3:** There was a discussion regarding the extension received by StimaSoft. StimaSoft confirmed that they get the extension similar to ASE and will remain within the consortium up to end of the project.
- **Note4:** EPRA presented the progress done so far for implementation of Layer 2. User interface outline, connection between Python, MATLAB, and GMAS are ready.
- **Note5:** A technical meeting would be hold among ASE, DTU, EPRA, StimaSoft and AKEDAS for implementation of web-service, fog node, and API. EPRA will send the invitation and meeting link.
- **Note6:** EPRA will provide a PC for Fog node implementation.



- **Note7:** USN presented their progress on customer awareness, business model development, Block chain technology, and controlling the appliances through Wi-Fi.
- **Note8:** The Block chain is functional and we need to decide what to register from Layer 2 and Layer 3. In the upcoming meetings we will decide on this matter. In addition, USN is drafting a paper on the battery and vehicle to grid technologies.
- **Note9:** The legislation for flexibility provision within different countries could be studied as an output of task 4.a, i.e. Customer awareness & involvement (customer preferences, spreading, contract issues, regulations, legislations, market availability, standards, transnational aspects).
- **Note10:** On the business model side, USN approach 4 main areas for flexibility provision, i.e. industry, household, property management, and marketplace. In this regard, USN approach different companies such as Futurehome (technology side), Nodes (market side), Trender Energi (technology). Holding a workshop and demonstrating SMART MLA tool to the abovementioned companies is among the objectives of business model development work package. However, due to COVID-19 situation, we suspended the meetings. We will try to hold online meetings.
- **Note11:** USN is in a close collaboration with local DSO for smart grid project. Acquiring the gathered data by the local DSO could be very valuable for SMART MLA.
- **Note12:** KTH presented their progress on monitoring and control task. Smart plugs are replaced with ESP8266 to control the appliances. The functionality of developed control and monitoring tool are tested by temperature-humidity sensor. An illustrative document (or video) is needed for the test performed by KTH.
- **Note13:** A technical meeting is required among EPRA, KTH, ASE, and AKEDAS for linking the monitoring tool with Layer 2. EPRA will send the invitation and meeting link.
- **Note14:** Next meeting will be late April or early May. EPRA will coordinate the proper time schedule.

### 3. To do List

Task	Responsible Partner	Deadline
Sending the presentation to EPRA to update the shared folder	All	30 March 2021
Updating the shared folder	EPRA	31 March 2021
Sending the material to StimaSoft for updating the website	EPRA	31 March 2021
Update of the project website with thirteenth meeting materials	Stimasoft	2 April 2021



Technical meeting for <b>Note5</b>	ASE, DTU, EPRA, StimaSoft and AKEDAS	1Q of April 2021
Calendar invitation for technical meeting for <b>Note5</b>	EPRA	Early April 2021
Investigation on <b>Note9</b>	USN	Next meeting
Data related to <b>Note11</b>	USN	Next meeting
Technical meeting for <b>Note13</b>	EPRA, KTH, ASE, and AKEDAS	2Q of April 2021
Calendar invitation for technical meeting for <b>Note13</b>	EPRA	Early April 2021
Procuring the materials related to <b>Note12</b>	KTH	2Q of April 2021
Sending invitation for next meeting	EPRA	Early April 2021