



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

## 15<sup>th</sup> Meeting

Time: 7 July 2021, 14:30 Istanbul Time

Venue: Online

### 1. Agenda:

7 July 2021		
Sequence	Topic	Lead / Contribution
1	Welcoming and opening	<b>EPRA</b>
2	Progress on Layer 2 implementation	<b>EPRA-DTU</b>
3	Presentation for progress on business development work package	<b>USN</b>
4	Progress on monitoring and control system and the protocol	<b>KTH</b>
5	Mockup Designing	<b>Stimasoft/ASE DTU/EPRA</b>
6	Discussion <ul style="list-style-type: none"> <li>• Next Step</li> <li>• Next Meetings</li> <li>• Workshops</li> </ul>	<b>All</b>
7	Wrap up, photo, and closing	<b>EPRA</b>

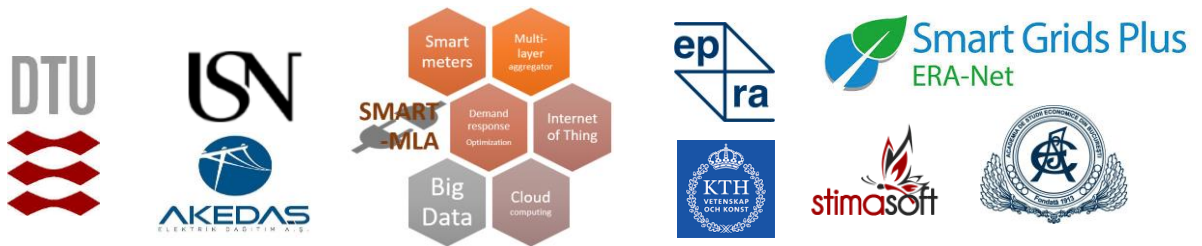


## 2. List of participants

First name	Last name	Institution	Country
Saeed	Teimourzadeh	EPRA	Turkey
Ayda	Shaker		
Alican	Kayikci	AKEDAS DSO	
Lasse	Berntzen	USN	Norway
Boban	Vesin		
Qian	Meng	DTU	Denmark
Qiuwei	Wu		
Xiaolong	Jin	KTH	Sweden
Yusen	Wang		
Ming	Xiao	Stimasoft	Romania
Filip	Fedeles		
Adela	Bara	BUES	
Simona Vasilica	Oprea		

## 3. Discussed items and decisions

- **Note1:** The fifteenth consortium meeting of SMART MLA held on 7 July 2021 through online media due to COVID 19 crisis.
- **Note2:** Outline, scope and status of the project, the fulfilled targets, and timeline was reviewed by the project manager.
- **Note3:** There was a discussion regarding the extension of the project. EPRA recently received an email from ERA-Net knowledge community. We confirmed that we got three-month confirmation from Turkish local funding association and official closing of the project will be 31 January 2022.
- **Note4:** There was a discussion regarding the deliverables of SMART MLA, particularly on the book chapter publication. The number of published articles and conference paper are fine. One book chapter has also been published by collaboration of EPRA and DTU. The only remaining scientific deliverable is international patent application. This should be finalized during our future meetings with scientific committee.
- **Note5:** A test and validation plan for SMART MLA and a maintenance plan for the prototype should be provided as software and ICT deliverables.
- **Note6:** Promotion deliverables, particularly workshops and brokerage events, are lagging behind the project schedule and should be addressed in the remaining months of the project. EPRA and USN will make a bilateral meeting to discuss this issue.
- **Note7:** The maintenance plant for SMART MLA prototype would be prepared by StimaSoft with coordination of BUES.



- **Note8:** One of workshop events is planning to be with Smart Grid Association in Norway.
- **Note9:** The implementation of layer 2 is ongoing. Based on the several meetings between EPRA, DTU, BUES, and StimaSoft, Now the codes, engines and mockups are reading. In addition, the mockups for aggregator and DSO and separated and now we have three types of login for SMART MLA platform.
- **Note10:** The progresses on Layer 2 implementation are presented to the consortium for their feedback.
- **Note11:** We need to start implementation of layer 3 and DTU will send the code for layer 3. Technical meetings between EPRA, DTU and BUES will be held for layer 3 implementation.
- **Note12:** KTH presented their progress on monitoring and control system. Now the prototype and the actuator is capable of acquiring data from the database. Next step is to integrate the prototype with the SMART MLA database. KTH, BUES, EPRA, and StimaSoftw will have technical meetings to finalize the implementation.
- **Note13:** USN presented their progress on blockchain and business model. They have already two papers published. They are also working on some other papers for blockchain and business model. Technical reports on the blockchain and business model is required for the reporting purposes. A short meeting will be held with USN to discuss the aforementioned points.
- **Note14:** 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.
- **Note15:** Next meeting will be late September. EPRA will coordinate the proper time schedule.



#### 4. To do List

Task	Responsible Partner	Deadline
Sending the presentation to EPRA to update the shared folder	All	30 Aug. 2021
Updating the shared folder	EPRA	30 Aug. 2021
Sending the material to StimaSoft for updating the website	EPRA	26 Aug. 2021
Update of the project website with thirteenth meeting materials	Stimasoft	30 Aug. 2021
Discussion for <b>Note4</b>	All	Next Meeting
Technical meeting for <b>Note5</b> and <b>Note7</b>	EPRA, BUES, StimaSoft	Mid Sep. 2021
Calendar invitation for technical meeting for <b>Note5</b>	EPRA	Early Sep. 2021
Meetings for <b>Note6</b>	EPRA - USN	Late Aug. 2021
Technical Meetings for finalizing Layer 2	EPRA, BUES, KTH, StimaSoft	Aug and Sep 2021
Meeting for <b>Note13</b>	EPRA - USN	Mid Sep 2021
Meeting for <b>Note14</b>	EPRA - KTH	Mid Sep 2021
Sending invitation for next meeting	EPRA	Late Sep 2021