

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

10th Meeting

Time: 29 June 2020, 5 PM Istanbul Time

Venue: Online

1. Agenda:

27 April 2020		
Sequence	Topic	Lead / Contribution
1	Welcoming and opening	EPRA
2	Knowledge community meeting	EPRA
3	Progress on Layer 2 and 3	DTU
4	Amendments on Layer 1 and Integration of Layer 2	ASE/DTU/EPRA
5	Progress on monitoring and control system and the protocol	KTH
6	Presentation for progress on business development and smart contract	USN
7	Discussion on load data	EPRA-AKEDAS
8	Wrap up, photo, and closing	EPRA

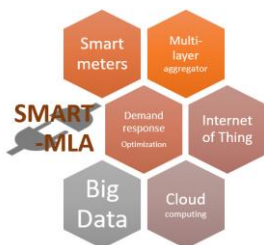


2. List of participants

First name	Last name	Institution	Country
Saeed	Teimourzadeh	EPRA	Turkey
Osman Bulent	Tor		
Murat	Kisakurek	AKEDAS DSO	
Elif Naz	Kurşuncu		
Alican	Kayikci		
Lasse	Berntzen	USN	Norway
Thomas	Brekke		
Xiaolong	Jin	DTU	Denmark
Feifan	Shen		
Yusen	Wang	KTH	Sweden
Adela	Bara	BUES	Romania
Simona Vasilica	Oprea		

3. Discussed items and decisions

- The ninth consortium meeting of SMART MLA held on 27 May 2020 through online media due to COVID 19 crisis.
- Outline, scope and current status of the project, the fulfilled targets, and timeline was reviewed by the project manager.
- The ERA-Net's ahead meetings for peer-to-peer feedbacks on the projects are discussed and consortium partners are asked to contribute in the ERA-Net meetings in case they are interested.
- The local agencies in different countries contacted the project representors in each country regarding extension of the project if needed. Some consortium members consented with extension; but some others, advised on using the current project plan without extension. The decision on extension will be made at consortium level and the corresponding letter will be sent to all members to use, if necessary.
- The activities performed by EPRA, ASE, and StimaSoft for amending layer 1 integration was presented. The revised version of demo web-service was also expressed.
- An update on layer 2 and 3 script development was reported DTU. The script for linking MATLAB and GMAS is now developed and delivered to EPRA. EPRA will start to work on its integration. DTU was asked to address the comments on layer 3 model which will be addressed in the next meeting.
- For integration of layer 2, several technical meetings should be held between DTU, ASE, and EPRA. EPRA will coordinate the meetings.
- DTU handed the layer 2 code. EPRA will make the layer 2 script ready for integration.



- KTH discussed their progress on control and monitoring systems. The main concern was how to simulate the control and monitoring system. KTH was asked to: 1) devise outline for simulation studies through IEEE benchmarks, 2) investigate the protocols for monitoring and control and expressed the selected protocol; 3) start simulation procedure.
- USN presented their progress on smart contracts, blockchain, and business model development. The meetings with ELUB and Tibber is ongoing.
- USN shared an API for settlement mechanism design. All member are invited to review and represent their feedbacks.
- 24 August 2020 is the next online meeting. EPRA will send invitation to all.

4. To do List

Task	Responsible Partner	Deadline
Sending the presentation to EPRA to update the shared folder	All	3 July 2020
Updating the shared folder	EPRA	3 July 2020
Sending the material to StimaSoft for updating the website	EPRA	3 July 2020
Update of the project website with tenth meeting materials	Stimasoft	4 July 2020
Preparing a test procedure template for testing the layer	Stimasoft	Next online meeting
Sending Extension letter to the local agency	EPRA	Late July 2020
Feedback on API for settlement sent by USN	ALL	Mid July 2020
Preparing Layer 2 integration script	EPRA	Mid July 2020
Sending invitation for Layer 2 Integration activities	EPRA	Mid July 2020
Layer 2 Integration Meeting	DTU, ASE, EPRA	Mid July 2020
Preparing data for forecasting algorithm	EPRA, AKEDAS	Next online meeting
Update on business model and block chain mechanism	USN	Next online meeting
Sending invitation for 24 August 2020 meeting	EPRA	Early July 2020