

# International Colloquium on Energy Storage

**Jointly organized by :**



**SEII**  
European Society  
for Engineers &  
Industrialists

**AGORIA**  
Energy  
Technology Club

**With the collaboration  
and support of :**



**essenscia**  
where chemistry  
meets life sciences

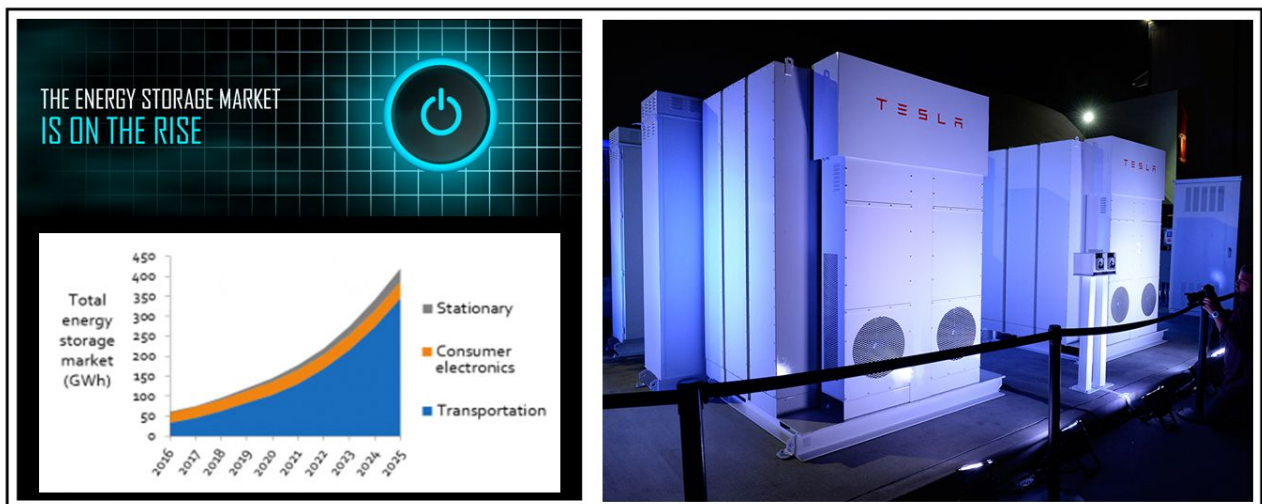
**AGORIA**

Embracing Technology ...  
... Embracing Ambition



*The Promise of Energy Storage : it will change our life !*

**Brussels – University Foundation – 8<sup>th</sup> November 2017**



**The energy storage market has the wind in its sails**, with the development of new and more efficient technologies, which show unique capabilities in coping with the time variability of electric power production and consumption, a feature that will **foster the recourse to renewables** in our energy mix. Different technologies, having specific capabilities, can be used to that effect. They are usually split up into five classes : chemical, electrical, electromechanical, mechanical and thermal.

This will, not only have a **deep impact** on the way energy – and particularly electricity – is produced, distributed ( future grids ) and consumed, but also bring about new economics for the whole sector and call for new specific regulatory policies. Nevertheless, within a decade, energy storage systems will become common equipment for both companies and individuals.

At this colloquium, you will gain a state-of-the-art insight in the most recent developments and prospects, thanks to specialists from academia, industry and law.

Please consult the **programme** of the colloquium and find out the necessary information about the **venue** and the **registration** conditions on the next pages.

# Programme

08 h 30

*Registration of participants begins*

09 h 15



Welcome address, by **Robert LECLÈRE**, President of SEII and Chief Executive Officer at SYNATOM

**Chairman** : Prof. Em. Dr. **Yvan BRUYNSERAEDE**,  
Department of Physics and Astronomy at KU Leuven



09 h 30



« *An overview of the various storage technologies for the grid* »,  
Prof. Dr. Ir. **Johan DRIESEN**, KU Leuven, Electrical Engineering Department - ESAT

10 h 15



« *Hydrogen and fuel cells : flexible device for energy storage* »,  
Dr. Ir. **Jean-Luc DELPLANCKE**, ULB, Polytechnical School, 4MAT

11 h 00



*Coffee break*

11 h 15



« *Redox flow batteries to tackle the energy transition : the choice of CMI Energy* »,  
Dr. Ir. **Sébastien BORGUET**, R&D Engineer, CMI Energy

12 h 00



« *Leveraging developments in xEV Li-ion batteries for stationary applications* »,  
Dr. **Daniel GLOESENER**, Global Technical Leader, Battery Technologies, SOLVAY

12 h 45



*Lunch*

14 h 00



« *Lithium-ion batteries in electric vehicles : facts and merits* »,  
Prof. Dr. **Mohammadhosein “Momo” SAFARI**, Associate Professor, University of Hasselt, Faculty of Industrial Engineering Sciences, Engineering Materials and Applications

14 h 45



« *Vision of ENGIE to realize storage of energy, using current state of technology* »,  
Ir. **Hans VANDERSYPPE**, Energy Solution Manager, Business Unit Generation, ENGIE

15 h 30



« *Energy Storage and Flexibility – EU and Belgian regulatory aspects* »,  
Mr. **David HAVERBEKE**, Regulatory Lawyer, Partner Energy & Utilities Practice, Fieldfisher (Belgium) LLP

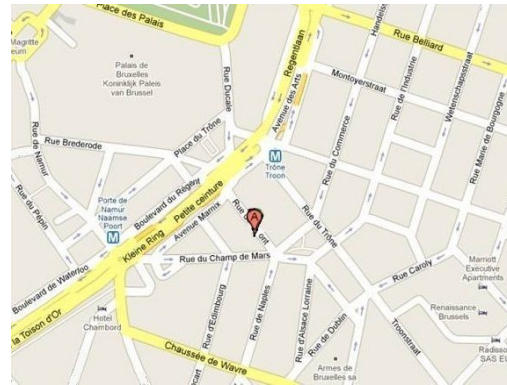
16 h 15



*Closing and networking drink*

## Practical information : venue and registration

- Date :** Wednesday 8<sup>th</sup> November 2017
- Venue :** University Foundation,  
Rue d'Egmontstraat, 11  
1000 Brussels – Belgium
- Metro :** Trône / Troon ( lines 2 & 6 )
- Bus lines :** 38 & 71 ( from Central Station )



**Registration fees ( including lunch & VAT ) :** Up to 3<sup>rd</sup> October 2017    From 4<sup>th</sup> November 2017 on

Students .....	25 € / participant .....	30 € / participant
Members of the <u>Energy Technology Club (ETC) of AGORIA</u> : usual conditions for events organized by the Club ( see below )		
Members of <u>SEII</u> , of <u>Academia</u> or of the <u>Club of the University Foundation</u> , and participants from a company affiliated to AGORIA ( except ETC ) or to ESSENSCIA : .....	90 € / participant .....	120 € / participant
Other participants .....	115 € / participant .....	145 € / participant

*Cancellation policy : Up to 31<sup>st</sup> October : 50 % - From 1<sup>st</sup> November on : 0 %*

**NB.** We shall send an invoice to all participants ( except to those of the ETC of AGORIA ) : please be sure to provide all the necessary information ( names, address, e-mail, VAT number if any ).

**Other information** ? Mailto [info@seii.org](mailto:info@seii.org)

### **In order to register :**

- Participants from a company that is **member of the Energy Technology Club** of AGORIA will register through the Club as usual.
- **Other participants** : through SEII's website [www.seii.org](http://www.seii.org) ( choose your language, click on 'inscription/registration', fill the registration form and click on the 'Send' button – you will receive a confirmation of your registration by email )

*If you are a student, a member of Academia or of the Club of the University Foundation, or if your company is affiliated to either AGORIA ( except Energy Technology Club ) or ESSENSCIA, please mention it in the 'Remarks' box*

**NB.** Your registration will be effective only when we will have received the registration fee on the bank account **IBAN : BE63 3101 3976 9208 – BIC : BBRUBEBB** of SEII, rue d'Egmontstraat, 11 – 1000 BRUSSELS, mentioning “ **Energy Storage 2017** ” and the participant's name(s). If your registration is paid by a company or institution, we need either a purchase order ( order form ) or an acknowledgment of receipt of the invoice.