



SEII
European Society for
Engineers and Industrialists

.AGORIA

Embracing Technology ...
... Embracing Ambition



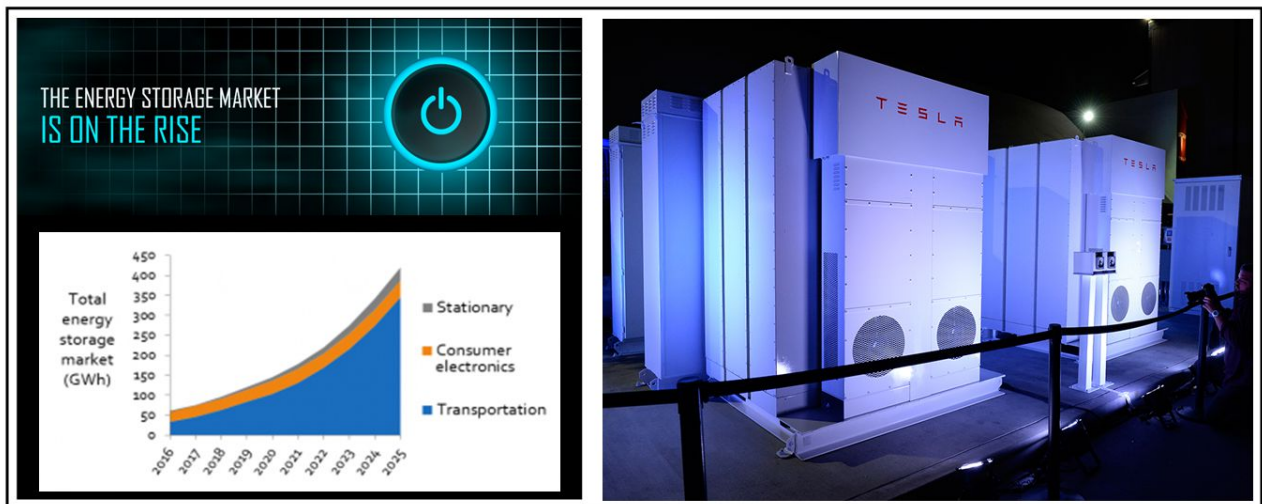
essencia

where chemistry meets life sciences

International Colloquium on Energy Storage

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

Brussels –8th November 2017 – University Foundation



The energy storage market is on the rise, with the development of new and more efficient technologies, which show unique capabilities in coping with some critical characteristics of electricity, as for instance hourly variations in demand and price, and with the increase in the share of renewables – and their intrinsic variability – 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 – 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* », by Prof. Dr. Ir. **Johan DRIESE**N, KU Leuven, Electrical Engineering Department - ESAT

10 h 20



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

11 h 10



Coffee break

11 h 40



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

12 h 30



Lunch

13 h 50



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

14 h 40



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

15 h 30



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

16 h 20



Closing and networking drink

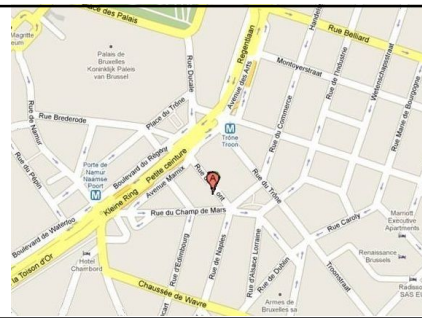
Practical information

Date : Wednesday 8th 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 fee (including lunch & VAT) : Up to 24th October 2017 From 25th October 2017 on

Students	25 € / participant	30 € / participant
Members of SEII, of a University or of a company affiliated to AGORIA or to ESSENSCIA	90 € / participant	120 € / participant
Other participants	115 € / participant	145 € / participant

Cancellation policy : Before 21st October : 100 % - After 21st October up to 31st October : 50 % - From 1st November on : 0 %

NB. An invoice will be sent to all participants : please be sure to provide all the necessary information (names, addresses, e-mails, VAT number if any).

Other information ? Mailto info@seii.org

Registration

First way : through SEII's website www.seii.org (choose your language, click on 'inscription/registration', fill in the registration form and click on the 'Send' button – you will receive a confirmation of your registration by email)

NB. If you are a student or a member of a university, or if your company is affiliated to either AGORIA or ESSENSCIA, please mention it in the 'Remarks' box

Second way : fill in the registration form below, scan it and send it **by email** to info@seii.org

I shall take part in the « *International Colloquium on Energy Storage* », organized by SEII, with the support of AGORIA and ESSENSCIA, on the 8th November 2017.

Title : _____ Name : _____

First name : _____

Function : _____

Organization : _____

Street : _____ Nr : _____ PO Box : _____

Zip code : _____ City : _____ Country : _____

Telephone : _____ Mobile : _____

E-mail : _____ VAT : _____

I will transfer the sum of _____ € to 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).

Signature :