

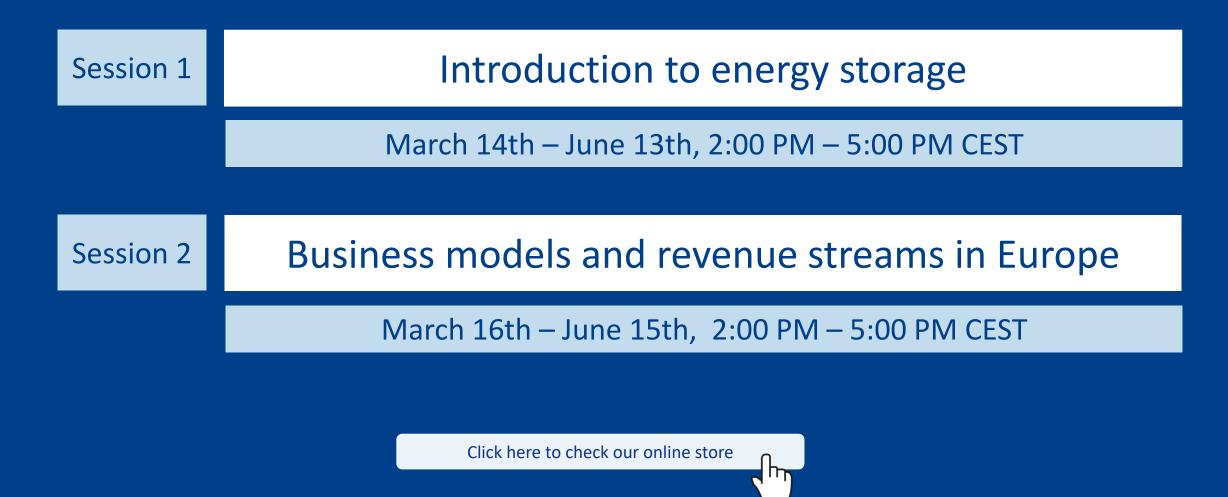
ENERGY STORAGE ONLINE SESSIONS MARCH & JUNE 2023

www.cleanhorizon.com





Energy Storage Online Sessions – March & June 2023



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OUR TEAM OF EXPERTS





Corentin Baschet MS.c. Head of Market analysis

Corentin graduated in engineering at Ecole des Ponts et Chaussées in Paris and studied his master in sustainable energies at the Imperial College in London.

At Clean Horizon, Corentin is the head of market analysis activities, thus overseeing one of the two business units in the company. As such, he acts as project manager on key market analysis projects. In parallel he maintains a hands-on approach of key development markets for the ESS market, such as African and ASEAN countries.



Michael Salomon CEO Founder and Senior Consultant

Michael obtained his engineer's degree at Mines ParisTech in France and his Ph.D. at Stanford in the USA.

In 2009, he founded Clean Horizon in Paris France which he has led and grown since then. Since its creation, Clean Horizon has confirmed its status as the world's sole energy storage "one-stop shop" consultancy, acting both as market analyst and a technical consultant. Michael now also serves as President of Clean Horizon Americas, based in Miami Florida.

A keen observer of the energy storage industry across all continents and an experienced consultant, Michael contributes to most of the market analyses prepared by Clean Horizon.

OUR TEAM OF EXPERTS





Naim El Chami, MSc. Senior Hydrogen and Energy Storage

Analyst – Head of Training

Naim completed two Engineer's degrees at CentraleSupélec (France) and Saint Joseph's University (Lebanon). He obtained his Digital Economics and Network Industries Master's degree from Paris Dauphine University and Paris-Saclay University (France).

At Clean Horizon, Naim has been in charge of conducting multiple energy storage studies on geographies as different as the United States, Latin America, Europe and the Middle East. He is spearheading knowledge management activities in the company as the one-stop person both for market analysis - due to his involvement in Clean Horizon's CHESS storage project database - and regulatory watch. He supports the hydrogen team from the regulatory and market knowledge angles.



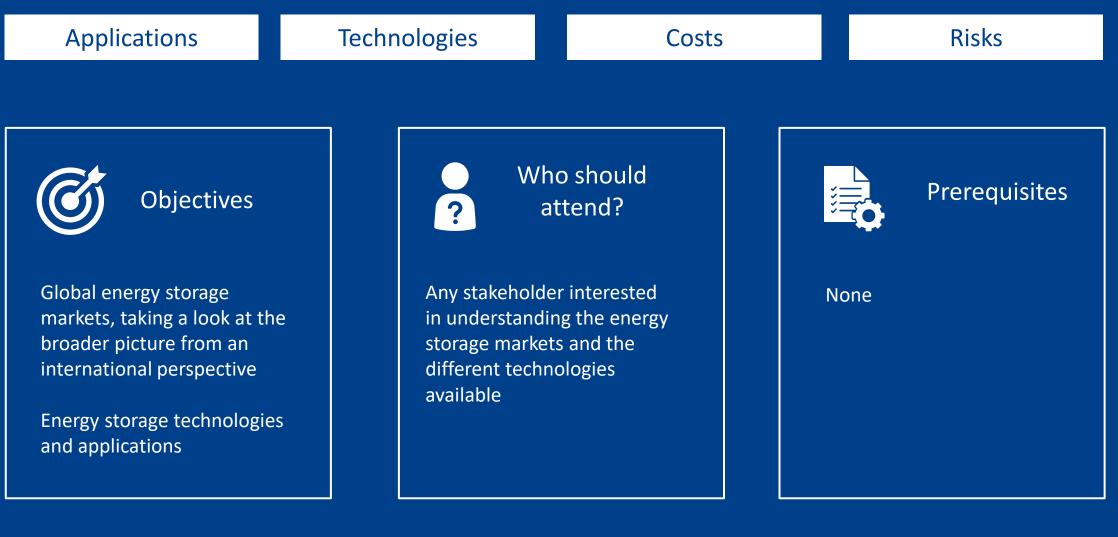
Rachel Locquet, MSc. Hydrogen and Energy Storage Analyst

Rachel completed her Engineer's degree at Institut d'Optique (France) and pursued with a double degree at Imperial College London (United Kingdom) where she completed her Sustainable Energy Futures Msc. Her Masters thesis enabled her to use her mathematical modelling skills to suggest an optimum electrification strategy to a region of Sri Lanka using the GAMS modelling tool.

At Clean Horizon, Rachel specializes in the optimization of hydrogen production and storage systems dispatch: she uses her modelling skills and electricity market knowledge to create complex, market-based business models to optimize the design of renewable + hydrogen plants.



Introduction to energy storage





Webinar training – Session 1

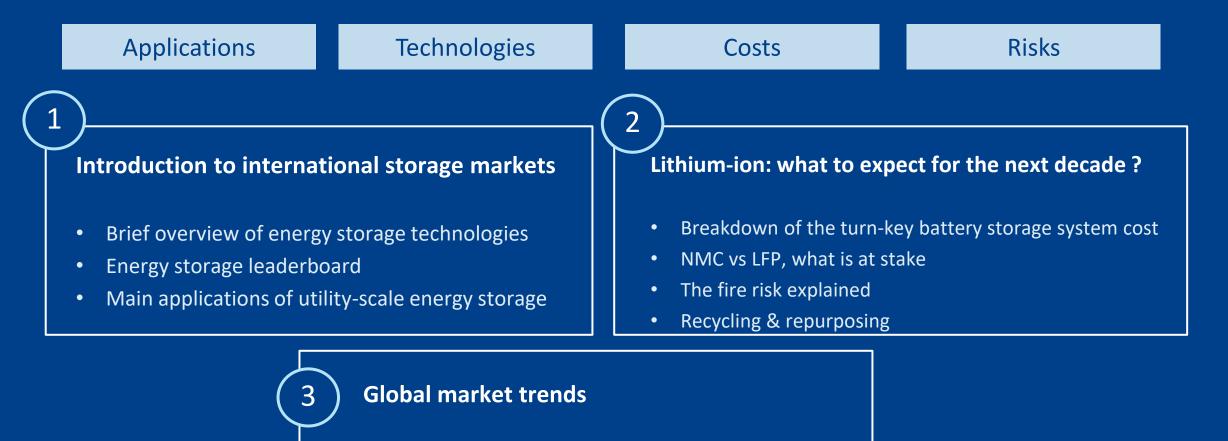
Introduction to energy storage

Applications	Technologies	Costs	Risks
When:			
March 14th, 2023, 2:00 PM to 5:00 PM CEST			
June 13th, 2023, 2:00 PM to 5:00 PM CEST			
<u>What's included:</u>		<u>Price:</u>	
 3-hour live webina Q&A Training slides	• GROU	 400 EUR net of VAT per participant GROUP DISCOUNT (3 - 5 participants from the same company): benefit from a total price of 1 000 EUR net of VAT per session 	

Detailed agenda – Session 1



Introduction to energy storage



- Choosing between AC- and DC- coupling
- Aggregation: a must-have for storage

Webinar training – Session 2

Business models and revenue streams for energy storage in Europe in 2023



Objectives

This session is a great introduction to:

Understanding of the market structure in Europe and its benefits for energy storage Understanding of the market developments for storage to provide a variety of services across the electricity supply chain (generation, transmission, distribution)



Who should attend?

Investors, developers, independent power producers willing to have a good level of understanding of the different revenue streams available for storage system in Europe.

This session is also a good opportunity for stakeholders worldwide to understand how the European market structure enables storage development through revenue stacking to maximize benefits.



Prerequisites

None

Webinar training – Session 2

Business models and revenue streams for energy storage in Europe in 2023

When:

March 16th, 2023, 2:00 PM to 5:00 PM CEST

June 15th, 2023, 2:00 PM to 5:00 PM CEST

What's included:

- 3-hour live webinar
- Q&A
- Training slides

Price:

- 400 EUR net of VAT per participant
- **GROUP DISCOUNT** (3 5 participants from the same company): benefit from a total price of 1 000 EUR net of VAT per session

Detailed agenda – Session 2

Business models and revenue streams for energy storage in Europe in 2023

Introduction to European storage markets

• Overview of installed capacity per country

Capacity markets

- Why do we need capacity payments
- The strike price model VS the availability model
- Example of the French long-term capacity auction

Frequency Containment Reserve

• The FCR cooperation

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• FCR price : where will the decline end ?

Detailed agenda – Session 2

Business models and revenue streams for energy storage in Europe in 2023

Fast frequency control services

- The growing need for fast frequency control
- Example of the Dynamic Containment, Great Britain's most lucrative ancillary service

Secondary reserve markets

- The PICASSO cooperation project
- How to generate revenue with storage assets on the aFRR
- Example of Belgium: energy storage takes advantage of Elia's new aFRR format

Conclusion

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- Mapping of the major opportunities for storage in Europe
- A quantitative forecast of the storage landscape in 2025

Registration Process



ONLINE REGISTRATION on <u>https://www.cleanhorizon.com/online-store</u>:

Interested in signing up for both sessions (when applicable)?

You can benefit from an additional discount if you sign up to the 2-in-1 session package!!! Please select our 2-in1 training webinar in our online store.

Interested in enrolling multiple participants?

You can benefit from a group discount (3 - 5 participants from the same company): benefit from a total price of 1 000 EUR net of VAT per session !

You will need to create your online client account to proceed with payment through PayPal. Once your payment is done, you will receive a confirmation of your registration by email (please check on your spam box).

CANNOT REGISTER ONLINE?

In order to receive a proforma invoice and pay through bank transfer, please send an email to accounting@cleanhorizon.com to including:

- The company name, its billing address, its VAT number and any other mention (such as purchase order) needed by your finance department,
- The title of the training webinar for which you want to book attendance
- The first name and family names of the attendee(s)

FOR MORE INFO, please feel free to contact us at training@cleanhorizon.com



If you have any questions, please reach out to:

training@cleanhorizon.com

12 rue de la Chaussée d'Antin 75009 Paris, France contact@cleanhorizon.com Tél : +33 (0)1 78 76 57 04

1200 BRICKELL AVE, SUITE 1960 MIAMI, FL33131, USA reports@cleanhorizon.com

www.cleanhorizon.com