

# ENERGY STORAGE

Global Conference

BRUSSELS, 11 – 13 October 2022

## Energy Storage Site Visit in Ruien

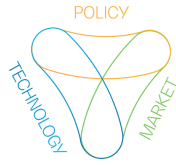
Thursday, 13 October 2022

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Pre-registration is required on

[www.esgc.org](http://www.esgc.org)



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## Introduction

The *Ruien Energy Storage NV* energy storage project is a 25 MW / 100 MWh battery storage system supporting the clean energy transition in the country. The system will help regulate fluctuations in the grid, such as changes in wind energy production. It will also improve revenues by maintaining energy frequency and reliability. The system is the largest in Belgium to-date and is expected to be commissioned later this year.

The energy storage system is supplied by Wärtsilä under an extended equipment delivery and a long-term service agreement.

The facility includes Wärtsilä's GridSolv Quantum fully-integrated and modular energy storage system, as well as the GEMS Digital Energy Platform, Wärtsilä's sophisticated energy management system. GEMS will ensure optimal performance for specified use cases that will maintain reliability of electricity supply, including reserve power, frequency control response, capacity dispatch and voltage support.

Energy storage projects like this will play an increasingly important role in balancing Belgium's grid as the country prepares to phase out nuclear power by 2025 and continues offshore wind energy deployments.

### **Project partners on-site:**

Ruien Energy Storage NV (RES)

Nippon Koei Energy Europe B.V - Project owner of RES and EPC Coordinator

Aquila Capital - Project owner (joint venture with Nippon Koei Energy Europe)

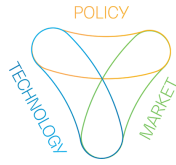
SPIE Belgium - Balance of plant (BOP) and installation contractor

Wärtsilä - Technology supplier

Yuso - Route to market provider

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## Preliminary Programme\*

Thursday, 13 October 2022

**Location:** Ruien, Belgium

14:00	<b>Departure from Hotel Le Plaza to Ruien</b>
15:30	<b>Estimated** arrival at energy storage project site in Ruien</b> <ul style="list-style-type: none"><li>• <b>Opening remarks</b></li><li>• <b>Site tour</b></li><li>• <b>Networking and refreshments</b></li><li>• <b>Closing remarks</b></li></ul>
17:00	<b>Departure from Ruien to Brussels Airport (Zaventem)</b> <ul style="list-style-type: none"><li>• <b>Networking on board</b></li></ul>
19:00	<b>First stop: Brussels Airport (Zaventem), estimated** arrival time</b>
19:30 / 19:45	<b>Destination: Hotel Le Plaza, in Brussels, estimated** arrival time</b>

Interest to attend the site visit in Ruien must be indicated upon registration for the Energy Storage Global Conference 2022 at [www.esgc.org](http://www.esgc.org). Due to limited capacity, please wait for an email confirmation from the event organisers.

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\*Please note that this preliminary programme is subject to change..

\*\*Estimated arrival times take into account potential traffic during rush hour.

