

Newsletter

August 2021

Dear Reader

We are pleased to present you the eight Solenco Power Newsletter from August 2021.

With the project's Newsletter you receive the latest information about the European Project SOLENCO and its main objective "The Solenco Powerbox", Manufacturing and Commercial roll-out.

Further, we will keep you up to date about the Project Activities and initiatives related to Solenco.

In the eight issue of Solenco Power's Newsletter, we will share more details about our technical publication in the 9th Global Conference on Global Warming GCGW2021.

For more information and news about Solenco, please visit our website:

<https://www.solencopower.com/>

We hope you will enjoy reading this eight issue.

Your feedback and comments are always welcome!

Message from the President

During this June – July 2021 period, we are pleased to announce that our technological paper "Solenco Powerbox: Revolutionizing the world of energy today" has been selected for presentation and publication in the 9th Global Conference on Global Warming-2021 (www.gcgw.org), which will be held virtually on August 1-4, 2021.

This international recognition is well appreciated.

Inside This Issue

- 1 **Message from the President**
- 2 **Technological paper**
- 3 **Upcoming Initiatives**

Title

Solar Energy, 24 hours, even in winter. On or off-grid. Based on Hydrogen Technology

Duration

April 2020 – March 2022

Main objectives

Manufacturing and Commercialisation of Solenco Powerbox



“Our goal is to provide each and every single real estate with a green and affordable solution allowing to minimize gas and electricity bills of their users, while driving sustainable world electrification by the mass uptake of wind and solar PV.”

Dr. Hugo Vandenberghe
Founder & CEO

Technological paper

Solenco Power and the Powerbox system are committed to the decarbonization of the energy sector, supporting jointly the European Commission goals against climate change.

The roll out of renewable energy is considered one of the key strategies to reduce carbon emissions. Renewable energy sources cannot be controlled. They can produce free and green energy in moments when there is no demand. In the opposite way, they cannot be activated in moments when energy is needed. This mismatch between production and consumption can therefore impact energy infrastructure (e.g. curtailing of wind production) and energy markets (e.g. impact on electricity prices).



Solenco Power with its Powerbox introduces a tool to store excess of renewable energy. Electricity that otherwise will be simply injected to the electrical grid.

Under the technological paper "Solenco Powerbox: Revolutionizing the world of energy today" we explore this challenge and developed a use case. For this purpose, Solenco's simulation tool is used to evaluate the evolution for a standard installation. The impact of a Powerbox based network is investigated.

<https://www.solencopower.com/2021/08/02/solenco-powerbox-revolutionizing-the-world-of-energy-today-gcgw-2021/>

Upcoming Initiatives

In the next Newsletter we will describe field experience of one of the Powerbox' installations.

