



PRESS RELEASE

Electro Power Systems presents its Energy Storage solutions to the Brazilian Government authorities

Brasilia, 29th May 2015 – Carlalberto Guglielminotti, CEO of Electro Power Systems - forerunner of smart oxygen and hydrogen-based integrated systems for clean energy storage recently listed on the French regulated market - travelled to Brasilia from 25 to 28 May, to present the technology and applications of [Electro Power Systems](#) in the energy storage field to the institutions.

The company met with **Rodrigo de Castro**, president of the **Mining and Energy Commission of the Chamber of Ministers**, **Lucas Ramalho Maciel**, special advisor to the **Ministry for Agricultural Development**, **Jorge Bittar** and **Paulo Kapp**, respectively the CEO and CTO of **Telebras**, with **Jose Gustavo Sampaio Gontijo**, senior official of the Ministry of Communications, in a series of friendly meetings that proved extremely fruitful.

Brazil, which spans a surface area equivalent to more than twice that of Western Europe, and has a population of more than 200 million people, has certain unique requirements in terms of energy procurement.

*“Currently, the production of electricity - explains [Carlalberto Guglielminotti](#), CEO of **Electro Power Systems** – is mainly focused on the hydro-electrical system, and on transmission and distribution networks that must cover extremely long distances to serve the most densely populated cities and towns. Although renewable energy sources are massively penetrated, there are still huge problems of black-out throughout the area, determined by the intrinsic intermittent nature of these sources.”*

*“In this sense - concludes **Carlalberto Guglielminotti** – our meetings with the Brazilian institutions demonstrated that the solutions in the field of **energy storage** proposed by **Electro Power Systems**, which are exclusively based on the use of **oxygen and hydrogen**, and are capable of **storing energy by using only that generated by the water cycle**, without releasing any emissions into the atmosphere and without using heavy metals and toxic materials, are perfectly suited to the requirements of the Brazilian standards and can successfully ensure that it progresses along the pathway of **energy transition** on which it has recently embarked.”*

Indeed, EPS storage applications, coupled with photovoltaic systems are capable of generating electricity 24/7 in exactly the same way as a traditional electric power station, but in the context of a distributed model and a reduced generation cost.

About Electro Power Systems

Founded in 2005 as spin-off of the Politecnico of Turin (Italy) and pioneer of hydrogen technologies, **Electro Power Systems (EPS)** is a forerunner of sustainable energy applications, and specialized in energy storage systems. The main areas of focus of the group are integrated solutions for energy and backup applications in the telecoms and data center industry, grid support in countries with heavy penetration of renewables sources, and off-grid power generation in emerging economies.



In a nutshell, clean energy storage solutions, at a lower cost, with no need for subsidies.

EPS is today listed on the French regulated market of Euronext, with *headquarters* in Paris, R&D and Manufacturing in Italy (Torino) and premises in the USA (California and Michigan).

In 2010 EPS started the development of the first oxygen and hydrogen battery worldwide, a system able to store massive amounts of energy at a cost lower than any other solution in the market. This innovative technology, covered by 123 patents worldwide, is able to store energy exploiting exclusively the water cycle, without any emission or toxic or heavy metals.

Since 2012 the product has been pre-commercialized and so far EPS has installed **579 systems, 31,7 MWh of energy stored** in 18 countries worldwide, including Europe, USA, Australia, Cina, Indonesia, India and South Africa.

The Group led by **Carlalberto Guglielminotti as CEO**, supported by **Luca Dal Fabbro, Giuseppe Artizzu** and **Ilaria Rosso**, counts – out of the 50 human resources – 31 people involved in research and development projects. The huge effort in R&D enabled the development of a unique technology, covered by patents in **48 countries worldwide**, granting to the group the possibility to be named “World Technology Pioneer” by the World Economic Forum, included in the 100 Cleantech Global by the Cleantech Group but also selected between the worldwide excellences by the Cleantech Forum in San Francisco and Rotterdam.

For more information www.electropowersystems.com

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