



## Paolo Fracas

Genport srl

<http://www.genport.it>

### Bilateral Meetings

- Friday (02:00 pm - 07.00 pm) Please add the cooperation profile

#### Description

GENPORT is the Italian progressive spin-off of Politecnico di Milano, developer and manufacturer of an advanced, lightweight technology for portable and small stationary power generation and storage in medical, defense, emergency, telecommunication and industrial applications. GENPORT combines Proton Exchange Membrane Fuel Cell (PEMFC) and Ion Lithium technologies, in order to provide advance power solution to any off-grid external equipment, with superior performance, reliability and satisfy such requirements as long life, design flexibility, high energy density, compact configuration, high cycling, high rate discharge, reducing to zero both noise and emissions and operating in extreme environmental conditions. Our team has focused all the efforts to realize cost effective clean and safe power sources. Our portable and stationary solutions are designed to store and generate electric energy anytime, anywhere. GENPORT combines Hydrogen-powered Fuel Cells and Lithium Ion Batteries with an Energy Optimization Engine to: - provide a constant, reliable source of power; - maximize power density; - reduce to zero both noise and emissions; - operate even in extreme environmental conditions; - equivalent Initial CAPEX to acid lead batteries and diesel generators

#### Organization Type

SMEs

[Download document](#)

#### Areas of Activities

**Energy production, renewable energies**

#### Technological Offer

### Lithium Ion Battery Storage for Residential

We offer GENIOL®, a modular lithium ion rechargeable Battery Energy Storage System (BESS) designed to be a longer-lasting replacement of lead acid batteries. It can be used as backup power for Base Transceiver Station (BTS) as well as a configurable energy storage unit suitable for Renewable Systems (RES). Its high energy density, long life, broad operating temperature range and multiple independent safety features improve performances and reduce total cost of ownership (TCO) for telecom, industrial

and residential applications.

#### **Applications**

- **LTE Wireless and Wi-MAX grid outage backup**
- **Residential, Hospital, Commercial Smart Energy Storage**
- **Off-grid Agriculture Power Sources**
- **Military, Emergency Energy Storage Deployment**
- **Smart grid stabilization**
- **Distributed Energy Storage Application**

**We are looking for specialize RES Engineering and Construction Companies to entitle as our qualified sales and technology partners.**

**We will provide a full access to training for sales, installation and maintenance.**

**Keywords: Battery Energy Battery Storage Fuel Cell Lithium Ion Battery  
Cooperation Offered**

- 1. Technical co-operation**
- 2. Sales / Distribution**