Bologna, Italy - 30 April 2021



# Company profile Business Model

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# AGENDA

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- Business Model
- Energy Markets
- Global Service Network
- Project References



# **Business Scope**

- New Energy Investments and Developments
- Investment Consultancy and management
- Project Proposals
- Project EPC Services
- Foreign Trade and Cooperation
- Master Planning Design Services



# **Business Approach**

- Establish partnership with international advanced new energy companies
- Possess mature technology and actual operation projects
- Possess a number of sustainable development projects on pipe line
- To acquire approved technology and IP patent in combination with project investment and construction finance
- Establish cooperation (joint venture) company to achieve cost effective and best value of EPC package for the project.



## **Our Service Portfolio - Overview**







#### **Project Development**

- As a turnkey project developer, we are be able to offer project development up to completion as turn key solution.
- We develop own projects or acquire project rights.
- Our business model is BOT (Build Operate and Transfer) and IPP with attractive and bankable terms & conditions.
- We also provide EPC services.









- As the general contractor, we deliver all the services towards the completion of turn-key Chemical plants, PV plants, wind farms, Cogeneration – CHP, biogas-biomethane plants and WTE including procurement or production of all necessary equipment and parts, as well as the installation.
- We have a strong network of equipment suppliers and service providers in place and work with experienced local or international EPC and/or BOS partners.







#### Interconnection

• We take care of the connection to the grid, including tests, provisional acceptance and final acceptance certificate.



Assets Management and Operation & Maintenance

 We can provide asset management and O&M services to the plant together with our service partners around the world.







#### **Distributed Energy and Market Parity**

 We developed a new approach to power by offering distributed energy and market parity services including dispatching energy on and off grid if needed.



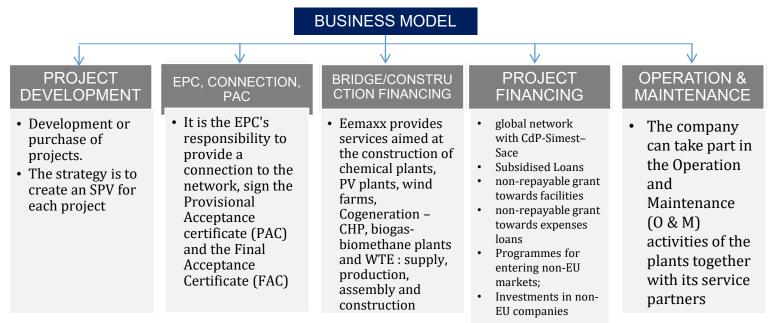
Six Energy Location: Emilia Romagna, Italy Location Type: Roof Top Project Scale: 2,3 MWp



Location: Campania, Italy Project Type: Roof Top Project Scale: 1,8 MWp



#### **Business Model**









### **Our Track Record**

Over the past three years, Eemaxx has completed projects in:

- Italy : 48 MW solar plants on the ground
- Italy : 30 MW solar plants on the roof
- Italy : 320 MW wind farms
- Italy : 6 MW biomass cogeneration plant wood chips

On-going projects in:

#### **Central Europe**

- Italy: 35 MW solar plants as SEU
- Italy: 50 MW solar plants as PPA
- Italy: 225 MW solar plants on the ground in industrial areas, waste plants , landfill and stone quarry
- Italy: KREN ENERGY DISTRICT: 9,9MW Cogeneration CHP + solar plant Biomethane plant Wood chip Factory
- Italy: 3 biofuel plants
- Italy: 129 MW wind farms
- Italy: 577 MW hydro power station
- Italy: 8 street lights contracts energy management projects
- Greece: 6 MW biogas straw
- Greece: 270 MW solar plant
- The Netherland: 2 x Biogas manure 30M m3

#### South-eastern Europe

- Serbia: 2 x 5 MW Cogeneration CHP plants
- Serbia: 300 MW wind farms
- Serbia: 174 MW wind farms



#### **Current Projects**

- Serbia: 100 MW solar plants on the ground
- Bosnia: 8 Cogeneration CHP plants wood chips
- Bosnia: 175 MW solar plants on the ground
- Croatia: 5 MW Cogeneration CHP plant
- Bulgaria: 100 MW solar plant on the ground
- Romania: 90 MW solar plant on the ground

#### **Central ASIA**

- Uzbekistan: 100 MW solar plant on the ground
- Kazakhstan: projects development with JSC "Electric power and energy saving development institute"

#### Middle east

- Jordan: 60 MW solar plant;
- Iraq: 100 MW solar plants;

#### Africa

- Côte-d'Ivoire: 70 MW Biomass cogeneration plant
- Ghana: Chlor-Alkali Project
- Guinea Bissau: 100 MW solar plants on the ground
- Guinee Conakry: 100 MW solar plants on the ground
- Libya: 50 MW solar plants on the ground
- Senegal: 100 SOLAR POWER PLANTS on the roofs of drinking water supply systems with storage in agricultural area
- Senegal: Waste to energy plant 1500/tpd
- Senegal: 150 MW wind farms



## **Current Projects**

- Senegal: 150 MW solar plant
- Sudan: 200 MW solar plant

ASEAN

- Brunei: 30 MW pv plants on the ground
- Indonesia: 2 biomass plants





Six Energy Location: Emilia Romagna, Italy Location Type: Roof Top Project Scale: 2,3 MWp



Location: Campania, Italy Project Type: Roof Top Project Scale: 1,8 MWp



Location: Cuneo, Italy Project Type: Roof Top Project Scale: 1.8 MWp



Location: San Floro, Calabria, Italy Project Type: Ground Mounted Project Scale : 24 MWp



Italy «Defence» Portfolio Location: Various Regions, Italy Project Type: Roof Top Project Scale: 20,6 MWp total





Italy «retail park» Location: Bologna, Italy Project Type: Roof Top Project Scale: 6,2 MWp total



Italy «industrial factory» Location: Bari, Italy Project Type: Roof Top Project Scale: 499,2 kWp

## **Substation**



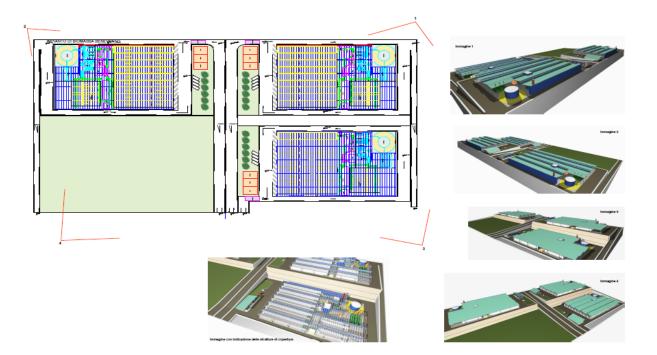
Location: San Floro, Calabria, Italy Project Type: Ground Mounted Project Scale : 24 MWp







## **Cogeneration - CHP**



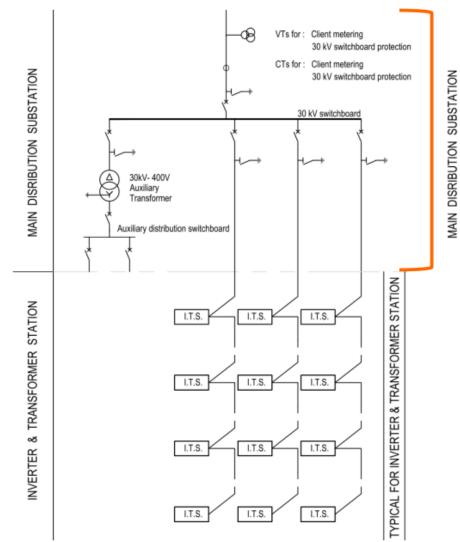
Location: Benevento, Campania, Italy Project Type: Biomass plant Project Scale : 2x1 MWp + 2 MWp

## **Cogeneration - CHP**



Location: Benevento, Campania, Italy Project Type: Biomass plant Technology Gasification module including wood line, drier, ash treatment

**Electric plants** 





**EEMAX** 

## **PV and Storage**





Capacity: PV 40 kW + BESS 320 kWh + Diesel 415 kVA Electricity saved each year: 84,096 kWh Estimated annual savings: US\$ 56,000



## Intelligent micro-grid system







Capacity : 30 kW / 100 kWh Type: PV + Storage + Diesel

Capacity : 100 kW / 200 kWh Type: PV + Storage + Diesel





## **40 MWE Waste to Energy plant**



Location: Conakry, Guinea Project Type: WTE Project Scale : 40MWp

## **Biomass cogeneration plants**







Location: RIBNIK - Bosnia-Erzegovina Project Type: 1 logistic center 1 Gasification unit 1 Torrifaction factor Project Scale: €18 M INVESTMENT

## HAN PIESAK

- 1 Gasification unit
- 1 Torrifaction factory

#### €15 M INVESTMENT



## **Pellet factories**

## **KOZARSKA DUBICA**

1 Pellet factory

#### **€4 M INVESTMENT**

## DOBOJ

- 1 logistic center
- 1 Pellet factory

#### **€5 M INVESTMENT**



Location: SRBAC - Bosnia-Erzegovina Project Type: 1 Pellet factory Project Scale: €4 M INVESTMENT



FOCA1 Pellet factory

**€4 M INVESTMENT** 

**EEWAX** 



# OUR TRACK RECORD



Sold 2013

36 MW

#### Developed



Operating



Sold 2017

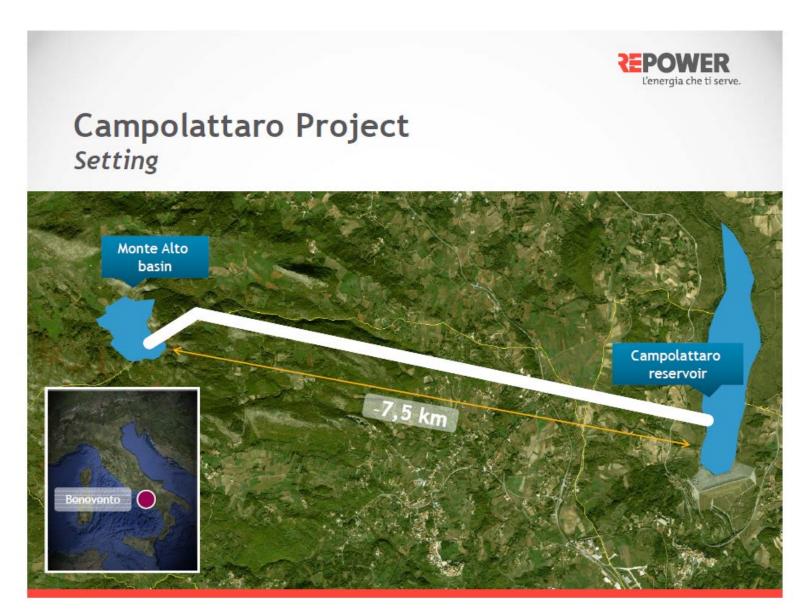
11 MW

#### Developed



2017 Belgium 19 MW In operation Developed Financed Built Operating





#### **EEWAX**



## Campolattaro Project Some figures

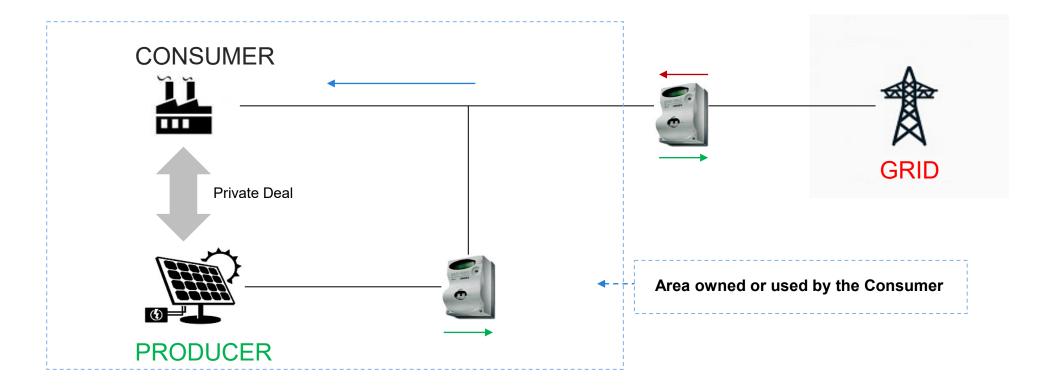
#### The project

Hydraulic capacity of Monte Alto basin	7.000.000 m3
Maximum generation flow rate	126 m3/s
Maximum pumping flow rate	102 m3/s
Average net generation drop	500 m
Maximum generation power	572 MW
Maximum pumping power	628 MW
Total length of galleries (including penstocks)	12.200 m
Earth moving	~2 Mm3



Efficient System for Users or SEU (Sistemi Efficienti di Utenza) consist of **configurations** for photovoltaic systems or high-yield cogeneration solutions, with a maximum power of 20 MWe. They are managed by a sole producer, who is not the end user, with **a direct, private connection** to the consumption unit, and can be installed in **an area owned or used by the customer.** 

EEMAX



#### **EEMAX**

#### **CONTACTS**

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## Eemaxx - WSB Group Thank you for your attention!

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