

# Italian “energy” in the world

51  
years

*New challenges for the Ecolibrì hybrid system, which also reaches the private sector*

A story of courage and winning bets, a leap into innovation and into the future: this has been Ecolibrì's entrepreneurial path, established as a business in 2016, but whose project dates back a few years earlier, being a spin-off of the historic Ace (Assemblaggi Cablaggi Elettronici) which just last year celebrated 50 years of business activity.

The Ecolibrì project is the result of a 3.5 kW vertical wind energy storage microgenerator for self-production of energy. “Ace's experience has been important for the development of Ecolibrì. The decision to produce stand-alone renewable energy has matured to meet the increasingly massive energy demand of developing countries that do not have a capillary energy distribution network. The demand came in particular from the agricultural sectors, in the services for companies and public infrastructures, airport or naval sites and from the tourism sector” explains Donatella Scarpa, the dynamic MD leading figure of Ecolibrì.

A fundamental characteristic of the wind turbines lies in the irrelevant environmental impact thanks to their quietness and the

unique shape that does not make them invasive. “Our technology is one that can really make a difference in non-electrified countries. After landing in Moldova, we focused on the countries of the sub-Saharan area. For example, our hybrid systems were chosen by the Swaziland authorities as a case history at the Summit on Energy for Africa, last July 2017, to be proposed to all members of the states belonging to the Sade” says Donatella Scarpa.

Another country that has always been interested in Ecolibrì microgenerators is Mozambique, where a contract of Ecolibrì technology distribution was stipulated a few years ago on the national territory. But that is not all. “The big news this year is the partnership that we have signed with the 5-star resort Coral Lodge, in the Veranda nature reserve, located in front of the Unesco site Ilha de Mozambique which, with its 10 villas of 100 square meters overlooking the ocean and equipped with every comfort is a real luxury paradise for tourists - continues Scarpa -. To make the resort sustainable and eco-sustainable, we have been entrusted with the study for the implementation of energy-efficient solu-

tions, extensively satisfied with the installation of our entire range of products: hybrid system of wind turbines, solar panels, solar boilers, a solar air conditioning system, and decorative lighting for outdoors but also technical as street lamps, always with solar power charge. We would like that the experience with the Coral Lodge became an exemplary case history to demonstrate how

our technologies can be easily integrated into breathtaking landscapes and tourist facilities, for truly eco-sustainable tourism”. In addition, in support of the community of the nearby village of Cabaceira Pequena, in agreement with the national agency Funae, and completely free of charge, Ecolibrì will install a system of self-production of energy for the local school, as well as so-

lar-powered pumps for the historical well built by Vasco de Gama in the 1600's.

“We are working hard even in South Africa. We are planning to create 1-megawatt mini-grids made up of our new 20 kW wind turbine model, thanks to which energy will be produced quickly for industrial sites and communities”, says Scarpa.

Ecolibrì has expanded its range

of distribution including solutions such as boilers, air conditioning systems, lighting systems, gate openers and a phone charger that charges up to six devices, all with solar charging. In 2017, Ace recorded a 30% increase in turnover. “The prospects are excellent and reward our way of working that expresses Italian know-how” concludes the MD. So... let's go with the wind! 🌬️



FROM LEFT ILARIA BAGATIN, ROBERTO AND DONATELLA SCARPA