



FPT INDUSTRIAL AND EDISON NEXT CREATE THE FIRST BIOMONITORING STATION WITH BEES AT THE TURIN STURA SITE

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FPT Industrial, the Iveco Group brand dedicated to the design and manufacture of low-environmental-impact mobility solutions, and **Edison Next**, the **Edison Group** company which guides companies and regions through the decarbonization process, have announced the creation of the first **biomonitoring station** using **bees** in FPT Industrial's Turin Stura site. FPT Industrial is continuing its commitment to **sustainability**, which translates into a **constant reduction in the impact of its products and processes on the surrounding environment**, as well as numerous **projects in support of local communities**. Edison Next is continuously engaged in developing energy transition pathways which protect the environment, as well as through efficient use of resources, including safeguarding of ecosystems and biodiversity.

Bees are considered to be **"air quality sentries"**, because they represent a **reliable biological indicator** of the state of health of the wider environment, and play a strategic role in safeguarding biodiversity. They are, indeed, creatures which are highly sensitive to environmental changes caused by pollutants and, alongside their products (honey, wax, pollen, propolis, royal jelly) act as a **complete biosensor**, able to provide a significant quantity of information on the state of health of the environment. Bees also play an important role in the preservation of the flora through pollination.



The biomonitoring station in Stura is home to **six hives** of Italian bees, *Apis mellifera ligustica*, a subspecies of the western honey bee. The lime (linden), wildflower and acacia honeys produced by the work of these hives are of excellent quality, so much so that they have recently received **quality recognition at the 15th regional "Ferrere Miele" competition**.



Edison Next manages the **energy and environmental services** for FPT Industrial, and in particular at this site: from production and distribution of heat energy and electricity and the production of steam and water for heating and cooling, right through to production waste and wastewater management.

At the site, Edison Next has contributed to the creation of the **new ePowertrain plant** using innovative energy solutions; inaugurated last October, it is entirely dedicated to the production of FPT Industrial's electric range. The new plant marks a further important step in the Brand's decarbonization pathway and in its strategy for achieving **net-zero CO₂ emissions** for its products and for all its industrial activities.

The new production plant is the **first totally carbon-neutral plant in the Iveco Group**, and generates renewable energy through the solar panels installed on the facade as well as innovative technologies such as the “**mini Wind Tower**” and the “**Smartflower**”, installed by Edison Next. Within the site you will also find the new Iveco Group **Sustainability Garden**, an area of 6,000 sqm planted with over 100 drought-resistant native species which all offer excellent CO₂ absorbing properties.



FPT Industrial also monitors the environmental impact of its production sites through application of the **BRE – Biodiversity Risk Evaluation** methodology. Developed in 2018, it provides information on the biodiversity around the plant, measures the risks associated with the industrial activities, and defines a framework of interventions to limit the factors which could have a negative influence on maintaining that biodiversity. At FPT Industrial's Turin site, the BRE has been applied since 2021 through observation of the surrounding protected nature areas, such as the Parco del Meisino park, at the confluence of the Po river and its tributary the Stura di Lanzo.



Biomonitoring stations are one of many elements of FPT Industrial's strategy designed to implement concrete actions to **counter pollution, protect the environment and safeguard natural resources**, through ever-more sustainable products and processes.

***FPT Industrial** is a brand of Iveco Group (IVG: MI), dedicated to the design, production, and sale of powertrains and solutions for on- and off-road vehicles, as well as marine and power generation applications. Over 8,000 people across eleven production sites and eleven R&D centers work for FPT Industrial all around the world. Active in nearly 100 different countries, its global sales and its Customer Service department supports all Brand customers. The extensive product offering includes six engine ranges with power outputs from 42 hp to over 1,000 hp, transmissions with torque up to 500 Nm, and front and rear axles from 2.45 to 32 tonne GAW (Gross Axle Weight). FPT Industrial offers the most complete line-up of natural gas engines for industrial applications on the market, with power outputs ranging from 50 to 520 hp. A dedicated ePowertrain division is accelerating the path towards net zero-emissions mobility, with electric drivelines, battery packs, and battery management systems. This extensive offering, and its strong focus on R&D, makes FPT Industrial a world leader in industrial powertrains and solutions. For more information, visit www.fptindustrial.com.*

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***Edison Next** assists customers and regions in their ecological transition through a platform of innovative and efficient solutions for decarbonization and optimizing consumption, in which technology and digitization play a key role, maximizing competitiveness and performance. Edison Next is also an active player in the circular economy and environmental services industry, and is committed to developing the biomethane and hydrogen market. Edison Next has the assets and expertise to provide integrated solutions via an end-to-end approach: from energy and environmental consultancy and the definition of decarbonization goals, through to the creation of a roadmap with identified solutions, and the design and implementation of the interventions with monitoring of the results. Technological innovation, research and development are essential both to grasp the new opportunities in the energy field and to overcome the current climate change and economic challenges. For this reason, Edison Next is strongly engaged in the area of environmental protection, energy optimization and the development of green gases. Edison Next has a presence in Italy, Spain and Poland with over 3,500 employees working at more than 65 industrial sites and 2,100 structures (public and private) in 280 different cities.*

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