



FPT INDUSTRIAL AND REEFILLA: PARTNERS FOR SUSTAINABILITY. A NEW PROJECT GIVES A SECOND LIFE TO ELECTRIC VEHICLE BATTERIES

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FPT Industrial, the leading multinational provider of low environmental impact drive solutions, including batteries for electric light commercial vehicles, buses and minibuses, and **Reefilla**, an innovative Turin-based startup offering the first predictive mobile charging service, have launched a **pilot project aimed at giving a second life to batteries from electric commercial vehicles, in particular the eBS37 model installed in the IVECO eDAILY and minibus.**

FPT Industrial and Reefilla have joined forces in a **full circle process to reuse electric vehicle batteries once their service life has expired.** The proposed solution also assures full sustainability and compliance with new European regulations.



Manufactured by FPT Industrial in its **ePowertrain plant in Turin**, where e-axles for light and heavy commercial vehicles, minibuses and high-performance cars are also manufactured, some of the eBS37 batteries will be delivered to Reefilla when they are no longer suitable for powering electric traction. The startup will **recover the batteries' modules and over 50% of their internal components.** The components will then be installed in **Reefilla's Fillee mobile power banks, for use in recharging its clients' electric vehicles.** By using parts from the high-

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performance eBS37 batteries, Reefilla counts on significantly increasing the charge capacity of its Fillee power banks.



In the picture: IVECO eDAILY wrapped to present GATE, the new company founded by Iveco Group to revolutionise the green commercial transport industry with digital solutions and a pay-per-use formula for the long-term rental of electric commercial vehicles

Set up in Turin in April 2021 as part of the I3P startup incubator and advanced by the Motor Valley Accelerator, **Reefilla has developed an eco-system of recharging products and services for electric mobility. It currently has operations in Turin and Milan**, where it offers **predictive mobile charging services for commercial fleets and private users**. The Fillee power banks, equipped with re-used battery parts, are delivered to clients' vehicles by a fleet of electric vans, thus offering a top-up of green power through photovoltaic recharging centers. This means that the clients' vehicles are always fully charged, wherever they are and before they ask.

FPT Industrial is launching the pilot project after just six months, **creating a full circle, responsible life cycle that manages batteries from production to reuse** and actively contributes to the **carbon-neutral supply chain of electric mobility**. The partnership with Reefilla is a perfect example of the **innovative approach** adopted by FPT Industrial to solve the problem of end-of-life electric traction batteries. FPT indeed sees the "second life" of these batteries as being both an opportunity to **extract further value from them** and a chance to make the best possible contribution to the **circular economy**.



FPT Industrial's **Customer Service** has operated according to the **5R approach** – Repair, Remanufacture, Reuse, Recover and Recycle – for some time, providing customers with a **product management methodology and a series of services** that ensure environmental and financial sustainability for the entire life cycle of the product and all its components.

As a brand which has **the sustainability of projects, processes and products** in its blood, FPT Industrial has developed this pilot project with Reefilla from a consolidated **Open Innovation** approach that creates value through partnerships with **high-tech startups**. This agile and successful strategy allows FPT Industrial to accelerate its **technological innovation journey along a sustainable path**, lining up alongside innovative new businesses within its industrial ecosystem.

“In addition to its important consequences in terms of a second life for batteries and sustainability for the entire process,” says **Andrea Cugini**, Head of FPT Industrial's ePowertrain Business Line, *“this pilot project with Reefilla demonstrates that multinationals and startups not only can, but indeed must work together to exchange ideas and implement innovative solutions.”*

“Innovating means imagining the future in terms of new paradigms; we are delighted to have encountered the same ambition and goals in a big player like FPT industrial,” says **Marco Bevilacqua**, Co-Founder & CEO of Reefilla. *“Bringing Italian industrial excellence into a startup has been anything but simple, but it has been greatly accelerated by a team dedicated to change and with the imagination to realize it - the same values on which Reefilla is founded.”*

Following a positive conclusion to the pilot project, the two companies intend to proceed with broader technical and commercial negotiations in order to further reinforce the synergies between their respective business areas.

***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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Reefilla is an innovative startup, launched in April 2021 to offer new charging solutions for electric vehicles for both private and commercial clients, so as to render the adoption of electric mobility simpler, more accessible and, above all, more sustainable. Reefilla has adopted a novel approach to the issue of recharging by creating an eco-system of advanced recharging devices and an intelligent, cloud-based service platform. The aim is to make power available to the vehicle where and when it is needed, and without the client having to ask for it. This service is called "Charge Delivery" - a new system that makes it possible for users to simply forget about having to recharge their vehicles. Reefilla was selected as one of the 8 participants in the first batch of the Modena Motor Valley Acceleration program, incubated by the I3P Startup Academy in Turin; it has received numerous awards, including the Start Cup Piemonte Valle d'Aosta 2021 and IoMobility Awards 2021. Website: <https://reefilla.com>

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