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FLASH BATTERY INVESTS MORE IN SUSTAINABILITY

The development of next-gen cells is making progress while taking into account issues such as the disposal and recovery of lithium ion batteries at the end of their life. Flash Battery is continuously researching into increasingly recyclable and, at the same time, high-performance materials, which guarantee maximum efficiency for lithium batteries, while taking into account sustainability and a low environmental impact.

Sant'Ilario d'Enza (RE), 2 February 2021 – The highest number of **new recruits at the Flash Battery company** in 2020 (16 more employees, bringing the total to over 60) were in **research and development** and design which, along with marketing and innovative international projects, have been strengthened further despite the consequences of the pandemic.

In light of these latest new recruits, Flash Battery – a leading company in the production of lithium batteries for industrial machines and electric vehicles – is further increasing its **investment in product process sustainability**.

“It is obvious”, stressed **Marco Righi, the CEO of Flash Battery**, “that **research** plays a **key role** for a company like ours, which has to compete on a young **market fully focused on innovation**. However, we want to bring in elements of sustainability in this area, which characterise our business and belong to the corporate social responsibility that is establishing its position as a distinctive feature, also offering significant results in terms of competitiveness”.

In this respect, Mr Righi is explicitly referring to the applied processes and materials used in the production of lithium batteries by a company which, only a few weeks ago, received the “**Premio dei Premi**” award from the President of the Italian Republic, **Sergio Mattarella**, for its **investment in research and innovation**.

“Our **batteries**”, explained Mr Righi, “are completely **cobalt-free**, which is one of the hardest materials to recycle and has one of the worst impacts on the environment including during production. The development of **next-gen cells** is becoming increasingly conscious of this aspect. Our choice here was clear in any case and involves using lithium chemistry (LFP) which is completely cobalt-free”.

“We have decided”, continued the CEO of Flash Battery, “to use the **safest and most stable technology you can find on the market**, achieving particularly significant results both in terms of battery life (over 4,000 charge cycles) and user safety (partly thanks to our control electronics and balancing system technology) as well as for recycling processes”.

The results from Flash Battery essentially show that the highest performances are compatible with production processes and the use of products with a low environmental impact, “but this is why”, noted Marco Righi, “we need **continuous investment in research into materials** and in skills clearly **focused on efficiency and sustainability**, as we understand that work into alternative and sustainable energies is a broad, complex path and not just limited to replacing a source of energy”.

“In **March 2021**”, continued the CEO of Flash Battery, “the new **European Regulation on batteries** is expected to come into force, regarding the sustainability and disposal of these products, which is why we are already a member of the **Cobat National Consortium**; for our part, however, we are



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convinced that **regulations should always be anticipated by choices and actions** which **prevent the possible critical issues** being covered by these regulations”.

“This is also why”, concluded Mr Righi, “we are all the more **pleased by the approval and results from businesses on the domestic and foreign markets**, as well as by the recognitions received in recent weeks both with the “Enterprises for Innovation” award (an event organised by Confindustria in collaboration with the Giuseppina Mai Foundation and supported by BNP Paribas and Warrant Hub – N.D.R.) and the inclusion of Flash Battery in the “champions of growth” ranking of Italian companies between 2016 and 2019 run by the German Institute for Quality and Finance”.

Flash Battery was founded in 2012 and, by 2020, it had a turnover of 14 million Euros and 60 members of staff. The company designs and produces lithium batteries for industrial machinery and electric vehicles, supplying manufacturers with moderate production volumes and significant customisation needs.

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