

## InoBat Auto partners with Manz to deliver world-first AI battery centre and pilot line



### *Partnership to boost European drive for electrification*

**[1 October 2020, London / Bratislava]** European battery producer, [InoBat Auto](#) (“InoBat”) has today announced a strategic partnership with one of the world’s leading high-tech equipment manufacturing companies, [Manz](#), who will supply production equipment and install a world-first 100MWh AI-driven R&D battery centre and production line in Slovakia close to the heart of the European auto manufacturing region.

The partnership with publicly traded Manz will ensure and accelerate the manufacturing and construction of a EUR 100m 100 MWh R&D centre and production line due to begin later this year, with production of the first Li-ion pouch battery cells set to start in 2021. The R&D centre and production line will be followed by a 10GWh Gigafactory in 2024 which will serve the European electric vehicle market with innovative and optimised batteries at scale.

InoBat is developing intelligent batteries customised to the specifications of a diversifying electric vehicle market and through the use of AI and HTP technology from their new hub in Slovakia, InoBat will discover and produce new battery technologies faster and more efficiently than its competitors.

Due to its advanced technology-led approach to battery design and making, InoBat will also be able to commercialise battery cells 10 times faster than standard research methods, affording the flexibility to adapt customise batteries to any vehicle specification, a necessary requirement in the fast-moving automotive industry.

This European partnership is set to bolster Europe's drive for e-mobility as InoBat looks to develop a fully integrated value chain which will increase the global competitiveness of the European market and provide a long-term sustainable solution to the automotive industry.

**Marian Bocek, CEO and Co-Founder of InoBat** , commented: *"InoBat is one of the global leaders in battery innovation, and through strategic partnerships with companies like Manz, we move another step closer to producing the most advanced batteries directly in the heart of Europe."*

*"We are excited to work with Manz on our R&D centre in Voderady, Slovakia – a truly European partnership which will not only enhance Europe's bid for technological sovereignty but also reaffirm our ambition for a fully European supply chain. This will be vital to accelerating the electrification of transport."*

**Jürgen Knie, COO of Manz AG and long-standing Managing Director of Manz Slovakia** added: *"At Manz, we strongly believe in supplying the best production equipment for the global battery market. We pride ourselves on partnering with like-minded companies like InoBat who share the same drive for innovation, and want to help them turn their vision into a reality for a groundbreaking R&D battery centre and production line in Europe on the door step of so many auto manufacturers."*

-Ends-

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**Notes to Editors**

**About InoBat Auto**

InoBat discovers and produces intelligent battery solutions customised to the individual specification of the end-user for an increasingly diverse market of electric vehicles in automotive, aviation, commercial and industrial sectors.

Based in Slovakia, in the heart of Europe, InoBat is building the first-of-its-kind fully integrated 100MWh R&D centre and pilot line by 2022 and a 10GWh Gigafactory. InoBat uses a unique combination of high throughput platform (HTP) and AI to design cell chemistries, validate research and continuously improve to safety, quality and performance of the latest battery innovations.

InoBat's 'discovery to delivery' approach fast tracks cell innovation from the laboratory to the shop floor, to produce high performance, technology-driven intelligent batteries at scale for the benefit of our customers.

[www.inobatauto.eu](http://www.inobatauto.eu)

#### **About Manz AG**

Manz AG, based in Reutlingen, Germany, is a high-tech equipment manufacturer. The Company specialises in the technology sectors of automation, metrology, laser processing, vacuum coating, wet chemistry, printing and coating, and roll-to-roll processes. Manz deploys and develops these technologies in three strategic fields: the Electronics, Solar and Energy Storage business segments.

[www.manz.com/en/](http://www.manz.com/en/)

#### **About High Throughput Technology (HTP)**

InoBat's key technological advantage is the proprietary mixture of HTP and artificial intelligence (AI) research, which allows InoBat to carry out R&D to efficiently optimise battery requirements at a small scale. These optimizations can then be quickly and efficiently replicated on a larger scale – in this case scaling up its findings from a level of grams to kilograms. This allows InoBat to efficiently create customisable solutions which fit a manufacturer's specification – rather than the current 'catalogue' approach currently offered by its competition and do so at great speed. No other cell maker has the HTP and AI ability to move up and down these capacities as quickly or seamlessly, allowing InoBat to provide its customers with their 'best' answer, at up to 10x a reduction in cost or time.