



Politecnico di Milano and NHOA Group to strengthen their historic partnership Joint Research Center signed with the prestigious Milanese University

Paris, 1 September 2022 - NHOA Group (NHOA.PA, formerly Engie EPS) and Politecnico di Milano are pleased to announce the signing of an agreement for the establishment of a Joint Research Center (JRC) with the aim of developing innovation, research and training initiatives in the Energy sector to enable the global transition towards clean energy and sustainable mobility.

The scientific collaboration agreement consolidates the long-standing partnership between NHOA Group and Politecnico di Milano and stems from the mutual desire to develop joint training, research and innovation initiatives. The main objective is to address cutting-edge research topics in energy storage, e-mobility and distributed energy resources. The collaboration covers the following areas:

- Power Conversion Systems' innovative control and design to sustain weaker electrical grids
- New battery technologies' development focusing on EV second-life batteries
- Cutting-edge EV charging solutions coupled with storage of renewable energy
- Energy management systems and cloud computing unlocking distributed energy resources

"Sustainability, global transition, clean energy and sustainable mobility are not slogans. They are actual commitments and leading priorities in research, economic and political agendas. An obligation to Politecnico di Milano, the first technical university in Italy and one of the top institutions in Europe. Technology, innovation and knowledge sharing can make a difference. In this respect, academia has a significant role to play starting from experimental labs to trending studies to the nurturing of talents and STEM (Science, Technology, Engineering and Mathematics) disciplines. A challenge Politecnico is happy to share with companies in a common endeavor. The collaboration with NHOA Group gives birth to a Joint Research Center that not only stems from solid ground, but also reflects a long-lasting vision and a mutual approach that is paradigmatic in addressing complex and highly demanding global scenarios." commented **Ferruccio Resta, Rector of Politecnico di Milano**.

"The synergy between business and academic world is at the core of NHOA Group R&D, a department in which innovation and competitiveness take the lead. NHOA itself was born as a spinoff of Politecnico di Milano and has always considered it a polestar in the development of technologies enabling the global transition towards clean energy and sustainable mobility" declared **Carla Alberto Guglielminotti, CEO of NHOA Group**. *"With this strategic partnership, Politecnico di Milano and NHOA consolidate their common objectives: to develop advanced and complex research with a high experimental and innovative content, to share instruments, laboratories and research infrastructures to encourage cooperation between the academic world and businesses. Tech companies must always remember that finding young talents and helping them achieve their best results is what will make the world move forward through never-ending innovation, and this is why we so strongly believe in our Partnership with Politecnico di Milano"*.

Among the many initiatives, NHOA Energy, Atlante and Free2move eSolutions - the three Global Business Lines of NHOA Group - invest in the growth of next generations, supporting PhDs and young researchers. NHOA Energy also contributes to the Polytechnic Equal Opportunities (POP - Pari Opportunità Politecniche) program with the Girls@Polimi initiative, which provides for the donation of a full-cycle scholarship to encourage final year high school students to enroll in STEM disciplines.

"Since 2007 the collaboration with Politecnico di Milano has been pivotal in the affirmation of NHOA Group as a global player in Energy Storage, e-Mobility and EV Fast charging Infrastructure. Over the years we have carried out many successful projects together: in collaboration with the Department of Energy, we have built in 2017 "PROPHET" NHOA's proprietary Energy Management System, while with the Departments of Mechanics and Electronics we have recently focused on the development of an innovative converters and advanced digital control platforms. As historical collaborator of Politecnico di Milano, my greatest pride is seeing so many passionate, extraordinary PhD students join NHOA Group and take active part in shaping a more sustainable future for the generations to come", commented **Daniele Rosati, CTO of NHOA Energy and JRC Coordinator for NHOA Group**.

NHOA Group JRC activities will include 8 new PhD scholarships to support the different research initiatives and in 2023 the creation of a JRC lab in which students, researchers, and professors from Politecnico di Milano and NHOA Group R&D engineers will work together to develop new products for NHOA Energy, Atlante and Free2move eSolutions.



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POLITECNICO DI MILANO

The Politecnico di Milano is one of the best scientific-technological universities in the world. In the Qs World University Rankings 2022 Politecnico di Milano confirms its position in the world's top 150, ranking 139th in the world and first in Italy. In the QS World University Rankings by Subject 2022 Politecnico di Milano is among the top universities in the world in all three specific areas: 13rd in Engineering, 10th in Architecture and 5th in Design. Founded in 1863, Polimi is the largest school of Architecture, Design and Engineering in Italy, with three main campuses located in Milan, and campuses based in Lecco, Cremona, Mantua and Piacenza, and one in China, in Shanghai. The Politecnico di Milano is organized into 12 departments, responsible for planning of the research strategies, and 4 schools, responsible for the organization of education. Thanks to a strong internationalization policy, several study programmes are taught entirely in English, attracting an ever-increasing number of talented international students from more than 100 countries: in the academic year 2020/2021, 28% of the students enrolled in Master of Science Programmes were international. Research is carried out in more than 250 laboratories and big infrastructures. Strategic research mainly concerns the space, digital, H.P.C. & Quantum, fintech, society, life sciences, agritech, green deal and mobility sectors.

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NHOA

NHOA S.A. (formerly Engie EPS), global player in energy storage and e-mobility, active in the construction of the largest fast and ultra-fast charging infrastructure in Southern Europe, develops technologies enabling the transition towards clean energy and sustainable mobility, shaping the future of a next generation living in harmony with our planet.

Listed on Euronext Paris regulated market (NHOA.PA), NHOA forms part of the CAC® Mid & Small and CAC® All-Tradable financial indices.

NHOA, with offices in France, Spain, United States and Australia, maintains entirely in Italy research, development and production of its technologies.

For further information, go to www.nhoa.energy



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