



## **EDISON AND SAIPEM JOIN TOGETHER IN A SPECIAL PURPOSE VEHICLE TO IMPLEMENT THE PUGLIA GREEN HYDROGEN VALLEY PROJECT**

*A significant step forward on the development path for the realisation of the Puglia Green Hydrogen Valley, one of the first initiatives for the production and transport of green hydrogen on a large scale in Italy, which strengthens the existing partnership between Edison, Saipem and Alboran Hydrogen*

Milan, 8 September 2022 – Following the agreements signed in September 2021, Edison and Saipem acquire 50% and 10% respectively of Alboran Hydrogen Brindisi Srl for the implementation of the Puglia Green Hydrogen Valley project. Furthermore, Saipem also holds an exclusive right for the project implementation.

The Puglia Green Hydrogen Valley project involves the construction of three green hydrogen production plants in Brindisi, Taranto and Cerignola (FG), for a combined electrolysis capacity of 220 MW, powered by approximately 400 MW of photovoltaic solar energy. Once fully operational, the three plants will produce up to 300 million normal cubic metres of green hydrogen per year, which will be used to power local industry and sustainable mobility, also by means of injection into the local gas grid.

The Brindisi plant, which is at an advanced development stage, involves the construction of a green hydrogen production plant providing for an electrolyser capacity of 60 MW powered by a dedicated photovoltaic field. Among others, the project was put forward for the IPCEI (Important Projects of Common European Interest) European funding call.

The project involves important regional entities including the Acquedotto Pugliese, the Ferrovie Apulo Lucane, the technological and production Districts of Puglia, the Politecnico di Bari, and the Universities of Bari, Foggia and Salento, maximising the synergies with the territory and supporting the development of skills for the creation of a local supply chain.

Hydrogen is one of the key energy vectors to achieve the decarbonisation targets set by the national and European strategies to 2030 and 2050. The Puglia Green Hydrogen Valley Project aims to accelerate the penetration of green hydrogen in the national energy mix. The project has a significant local importance, considering that Puglia's industrial sector consumes more energy than the average and accounts for around 6% of national industrial energy consumption.

Giovanni Brianza, CEO of Edison Next, the Edison Group company supporting businesses and territories in the ecological transition and decarbonisation, declares: *"With this project, Edison is confirming its commitment to the development of the green hydrogen value chain, leveraging on synergies with other Edison's businesses. This technology represents also a key factor in the*



*strategic plan of Edison. In particular, the company aims to use green hydrogen to replace fossil fuels in energy-intensive industrial processes and to make heavy transport sustainable”.*

Mattia D’Amato, Alboran Director Strategy Development and Innovation, declares: “For Alboran this project highlights the perfect fit between its own green hydrogen choices and the national and European strategies moving in this direction. The involvement of other major partners in the initiative means it will be possible to harness the full potential of the project model proposed for Puglia”.

Fabrizio Botta, Saipem Chief Commercial Officer, affirms: “This initiative is strategic within the framework of our Technological Plan, which provides for the development of "Low Carbon" solutions enabling innovative business models and confirms that we are, therefore, the ideal partner to support our customers in the energy transition and towards Net Zero”.

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### **Edison**

*Edison is Europe’s oldest energy company, with a history of more than 135 years of firsts. It is one of Italy’s leading operators in the sector, with activities in the procurement, production and sale of electricity and natural gas as well as in energy and environmental services. The company is at the forefront of the energy transition challenge, developing renewable and low-carbon generation, energy efficiency services and sustainable mobility. Edison’s electricity generation facilities are highly flexible and efficient, comprising 200 plants including hydroelectric, wind, solar and highly efficient combined cycle gas. The Group’s total net installed capacity is 7 GW. It currently operates in Italy and Europe, employing more than 5,500 people.*

### **Edison Next**

*Edison Next supports customers and territories along their decarbonization journey and ecological transition, leveraging on a platform of innovative, efficient solutions to optimise consumption and decarbonisation. Technology and digital tools play a key role, in order to maximize competitiveness and performance. Edison Next also operates in the circular economy and environmental services sector and is committed to support the development of biomethane and hydrogen markets. Edison Next has competences and assets to supply integrated solutions through an end-to-end approach: from energy and environmental consulting and the definition of decarbonisation targets, through to the identification of a roadmap and the relevant solutions, the design and implementation of solutions and the monitoring of results. Edison Next is strongly committed to environmental protection, energy optimisation and the development of green gases. Edison Next operates in Italy, Spain and Poland employing more than 3,500 people, managing 65 industrial sites, 2,100 public and private structures and 280 cities.*

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### **Alboran Hydrogen**

*Alboran Hydrogen is a subsidiary of the EN.IT Group, an international operator in the renewable energy sector with proven experience and a track record in the development and implementation of projects for the production of renewable energy in Italy and abroad. The Group has led and successfully completed the entire development of over 1 GW of plants in Italy and over 500 MW abroad, and actively operates in 12 countries through subsidiaries across the various regions. EN.IT currently has a pipeline of 5 GW of renewable projects at various stages of development. Alboran Hydrogen in particular is a leading company in the development of renewable energy production plants and strives to find the best solutions for the development of the green hydrogen supply chain. It is committed to the generation of green hydrogen and its deployment in mobility and industry, laying the foundations for a carbon-neutral society.*

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### **Saipem**

*Saipem is an advanced technological and engineering platform for the design, construction and operation of safe and sustainable complex infrastructure and plants. Saipem has always been oriented towards technological innovation and is currently committed, alongside its clients, on the frontline of energy transition with increasingly digitalised tools, technologies and processes that were devised from the outset with environmental sustainability in mind. It is listed on the Milan stock exchange and operates in 70 countries around the world with 32 thousand employees from 130 different nationalities.*

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