



PRESS RELEASE

Leonardo and Ansaldo Energia to work together on "Intelligent Factory" project

- **Leonardo will provide advanced cyber security solutions for Ansaldo Energia's "Lighthouse Plant" project, one of the first four intelligent factories established by the Italian Ministry of Economic Development's Industry 4.0 plan**
- **The agreement strengthens the two companies' partnership in the field of cyber protection for strategic infrastructure**

Rome, 25 September 2019 – Leonardo has signed an agreement to provide digital security services for Ansaldo Energia's "Lighthouse Plant" project, one of the first four intelligent factories established by the Italian Ministry of Economic Development (MISE)'s Industry 4.0 plan. The project is backed by Italy's Intelligent Factory National Technological Cluster and financed by MISE as well as the regions in which the Intelligent Factories are based, Liguria in the case of Ansaldo Energia.

Leonardo was chosen for the project based on its experience, technology and capabilities in the cyber security domain: The Lighthouse Plant project is based on innovative new 'Industry 4.0' processes and technologies and will pay particular attention to security in the digital domain. Leonardo will deliver systems integration work and technology to ensure plant safety and will also provide advanced monitoring services out of its cyber Security Operations Centre (SOC) based in Chieti.

This latest agreement strengthens Leonardo and Ansaldo Energia's partnership in the field of digital resilience for strategic infrastructure and is an opportunity to apply cyber security techniques in realistic operational and functional Industry 4.0 contexts. Previously, in July 2018, the two companies signed a Memorandum of Understanding (MoU) to create a joint "Power Plant Cyber Security" proposal for the power generator market. For the Lighthouse Plant project, a holistic model of industrial cyber risk assessment will be developed, which will allow the two companies to support customers' increasingly stringent cyber security requirements, including those posed by the recent European Directive on the security of network and information systems (the NIS Directive).

Ansaldo Energia's plant, for the production of gas and steam turbines, is one of the first four intelligent factories, called "Lighthouse Plants", established by the MISE Industry 4.0 plan. This three year (2018-2020) industrial research and development plan aims to advance the use of digitally-augmented production processes. The Ansaldo Energia project was considered highly innovative due to its potential for developing and employing Industry 4.0-enabling technologies in both new production facilities as well as existing production processes.



Leonardo, a global high-tech company, is among the top ten companies in the world in Aerospace, Defense and Security and the leading Italian industrial company. Organized in five business divisions, Leonardo boasts a significant industrial presence in Italy, the United Kingdom, Poland and the USA, where it also operates through subsidiaries such as Leonardo DRS (defense electronics) and some joint ventures and investments: ATR, MBDA, Telespazio, Thales Alenia Space and Avio. Leonardo competes on the most important international markets by leveraging its areas of technological and product leadership (Helicopters; Aircraft; Aerostructures; Electronics; Cyber Security and Space). Listed on the Milan Stock Exchange (LDO), in 2018 Leonardo recorded consolidated revenues of 12.2 billion euros and invested 1.4 billion euros in Research and Development. The Group has been part of the Dow Jones Sustainability Indices (DJSI) since 2010 and became Industry leader of Aerospace & Defence sector of DJSI in 2019.

The Ansaldo Energia Group is an international player in the field of electricity generation, a player capable of providing the industry with an integrated model, from turnkey plants, to components (gas turbines, steam turbines, generators, microturbines), to support service, including activities in the field of nuclear energy. Ansaldo Energia is a 59.9% subsidiary of CDP Equity, of the Cassa Depositi e Prestiti Group, a national promotion institution that has been supporting the Italian economy since 1850, and 40% of Shanghai Electric, a world leader in the production of machinery for generation and mechanical equipment.

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