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DCNS Energies intends to collaborate with state of Andhra Pradesh of India for future industrialisation of Ocean Thermal Energy Conversion (OTEC) plan for Andaman and Nicobar islands.

At the occasion of Aero India Exhibition at Bangalore (India) DCNS Energies along with DCNS India proposed a Letter of Intent (LOI) to Andhra Pradesh Economic Development Board (APEDB) CEO Shri J. Krishna Kishore in presence of Hon'ble Civil Aviation Minister Shri P. A. Gajapathi Raju during Global CEO Conclave attended by Dr. G. S. Reddy - Scientific Advisor to Defence Minister, Shri A. K. Gupta - Secretary Defence Production and other dignitaries from Ministry of Defence and Government of Andhra Pradesh. This LOI is meant to collaborate on the industrialisation of future Ocean Thermal Energy Conversion (OTEC) plant for Andaman & Nicobar Islands of India and its related systems. In the frame of this agreement, DCNS and APEDB will put together their complementary expertise to implement such a project in India and ensure the industrialisation of the same at Andhra Pradesh in line with Indian Government's policy of 'Make in India'.

Ocean Thermal Energy Conversion (OTEC)

Ocean Thermal Energy Conversion uses the difference of temperature that naturally exists in tropical waters between the surface water (about 25°C) and deep water (5°C at a depth of 1,000 meters) to create electricity. It is a non-intermittent baseload energy source that could represent medium-term green alternative to so-called "fossil" fuels (gas, diesel, coal), which are still used massively on isolated tropical sites (islands) that have no connection to continental electrical networks.

OTEC for Andaman and Nicobar Islands of India

The islands of Andaman and Nicobar, situated east of mainland India, are well positioned for the development of OTEC with a temperature difference above 20 degrees throughout the year. Such project can completely phase out diesel generator based sources of energies in these islands and pave way for a clean and sustainable future. OTEC plant design, production and maintenance during life span of 25-30 years can produce a large number of job opportunities along with subsequent investments and advances in know-how and technical skills of local industry.

Andhra Pradesh Economic Development Board (APEDB)

Andhra Pradesh is one of the state on East Coast of India and boasts of 974 Km of coast line, advanced shipbuilding means, industrial facilities, ports and high resources of engineers and trained workforce. The Economic Development Board (APEDB) on other hand has been conceived to accelerate the inclusive economic growth of Andhra Pradesh. The board acts as a catalyst to facilitate economic growth, investment climate, reforms, and competitiveness in Andhra Pradesh

About DCNS Energies

DCNS Energies is a world leader for Marine Renewable Energy (MRE) and supplier of turnkey energy-production systems. Present throughout the product lifecycle, DCNS Energies controls the entire value chain, from design to manufacturing, installation, connection and maintenance, while respecting the environment both at sea and in coastal areas. Its expertise is rooted in particular in the historic skills of DCNS, a specialist in the production of complex systems for the maritime environment.

The development of DCNS Energies is currently structured around three Marine Renewable Energy technologies: tidal turbines, floating wind turbines and Ocean Thermal Energy Conversion. These wide-ranging forms of expertise promote opportunities for business development in a fast-growing global market.

DCNS Energies, which already holds a significant portfolio of projects, is both a player on the global market and in a sustainable local industrial development on all its sites of energy production at sea.

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