

Cosmin Ghita

CEO of Nuclearelectrica



Starting September 2017, Mr. Cosmin Ghita is the CEO of Nuclearelectrica (SNN), the only nuclear energy producer in Romania, which covers approx. 20% of the of the national energy consumption needs. Starting 2019 he is the only Romanian member of the World Association of Nuclear Operators (WANO) Main Governing Board.

As nuclear energy is clean energy, Mr. Ghita's role as Nuclearelectrica's CEO is to implement strategy investment projects that support Romania's energy transition process, its decarbonization targets and energy security. Through its investment projects, Nuclearelectrica will double its capacity after 2031 and the contribution in Romania's total CO2-free energy production will increase to 66% by 2030.

Mr. Ghita started his career within Chevron's, Washington, DC office contributing to Chevron's initiatives in Romania and Eastern Europe. During 2015-2017, Mr. Cosmin Ghita was partner in Amerocap, a New York-based energy and natural resource private investment firm, where he supported projects in Romania, Ukraine and Great Britain. Later on, he was appointed Advisor to the Prime Minister of Romania overseeing energy affairs.

Mr. Ghita was also involved in the establishment of Aspire Academy, a leadership and business summer program led by Harvard and Ivy League Professors in Romania.

Cosmin Ghita is a graduate of Bates College, Maine, US, with a major in International Political Economy, and also sits on the Board of Trustees of the American International School of Bucharest.

His fields of expertise include economic strategies, international affairs, energy markets, large investment project development and risk analysis, structuring of market capitalization strategies, international relations and affairs, public-private partnerships, both in the state and private sectors.

About Nuclearelectrica, Romania

"Nuclearelectrica" S.A. is the only nuclear energy producer company in Romania. The company operates under the authority of the Romanian Ministry of Energy, the state holding 82.49% of shares and other shareholders, 17.50%, after the listing of the company on the stock exchange in 2013.

Nuclearelectrica owns Cernavoda Nuclear Power Plant Branch which operates two CANDU nuclear units, two of the most performant units among more than 400 nuclear power plants in the world, and a nuclear fuel factory - Pitesti Fuel Manufacturing Plant which manufactures the fuel bundles. Also, the company is in the process of achieving an integrated fuel cycle by acquiring an uranium concentrate processing line to support the company's long-term investment projects.

Nuclearelectrica has a major role at the national level, contributing over 20% of nuclear energy to the total energy production and 33% to the total CO₂-free energy production in Romania, avoiding the release of 10 million tons of CO₂/year.

Also, as nuclear energy is clean energy, Nuclearelectrica has an essential role in the energy transition process, in achieving decarbonization targets and ensuring the energy transition to a carbon-free economy. Through its investment projects, Nuclearelectrica aims to double its capacity after 2030 and its contribution to Romania's total CO₂-free energy production. To achieve this, the company's investment projects are focused on developing new nuclear capacities – conventional CANDU units and small modular reactors (SMR) sites as a innovative approach to tackle the needs of long-term decarbonization.

Though its investment projects, worth approximately 9 billion Euros, Nuclearelectrica becomes a pillar for Romanian's decarbonization targets simultaneously with the generation of a multiple micro- and macroeconomic effects.

At the United Nations Conference on Climate Change (COP26) held in November 2021, Romania's S.N. Nuclearelectrica S.A., signed a teaming agreement with NuScale Power to advance the deployment of the first NuScale's small modular reactor (SMR) in Romania and in Europe. Following the partnership, Romania has the potential to become a catalyst for SMRs in the region, as well as a base for supporting operatorship of this new technology in other countries.

The teaming agreement between NuScale Power, whose SMR is the first and only small modular reactor to receive design approval from the U.S. Nuclear Regulatory Commission, and Nuclearelectrica, the Romanian nuclear energy producer, comes at a pivotal time as senior government policymakers from around the world discuss the urgency of accelerating the clean energy transition.

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