



SN Nuclearelectrica SA
COMMITMENT TO ENSURE
ENVIRONMENTAL PROTECTION



NUCLEARELECTRICA



1. OUR PRIORITIES TO REDUCE THE CARBON FOOTPRINT

BACKGROUND

By operating Units 1 and 2 within Cernavodă NPP, SN Nuclearelectrica (SNN) produces clean energy annually, CO₂-free emissions, avoiding annually 10 million tons CO₂ emissions (In January 2023, since commissioning of Units 1 and 2 of Cernavodă NPP, we have avoided 205 million tons of CO₂)

We supply 33% of Romania's clean energy

We invest in projects to reduce our environmental footprint even more

We constantly act to protect the environment with an exhaustive environmental management system, measurement, external environmental audits, and reporting

TARGETS

To double the percentage of clean energy produced in 2031, through investment projects with a reduced CO₂ footprint, from 66% to 33%, at present

To avoid 24 million tons of CO₂ every year by operation of 4 CANDU units (each with approximately 700 Mwe) and of a SMR power plant (462 Mwe)

To implement out the Tritium Removal Plant Project before the shutdown of Unit 1 for refurbishment in order to minimize the environmental impact

To maintain and constantly develop the environmental management system, including implementation of ISO 9001

To continue and develop new programmes and internal measures to render energy consumption more efficient and digitized, implicitly the CO₂ emissions - Scope 3

2. OUR COMMITMENT TO ENVIRONMENTAL PROTECTION

SN Nuclearelectrica SA, by its administrative and executive management, undertakes by corporate governance, strategies, policies, procedures, objectives, organizational and individual indicators, to develop and ensure the integration of the Environment Management System in all its operations, to monitor its implementation, to assess and adopt measures for continuous improvement.

- a) Ensuring the compliance with laws, regulations, standards and principles related to a nuclear operator and the environmental management system;
- b) Internal provision of all resources of human, financial, material nature for the purpose of correctly and consistently implementing the regulations and measures;
- c) Ensuring the adequate training of staff and of contract personnel for the purpose of observing and applying the environmental regulations;
- d) Internal and external environmental protection audit;
- e) Development, assimilation and update of the set of procedures related to the environmental management system which should include: protection, monitoring and control of radioactivity, radioactive and non-radioactive waste management, hazardous chemicals management, water management, biodiversity, stakeholders' involvement;
- f) Keeping the measured values at the level of the operation and production activities of the company below the legal limit established by authorities;
- g) Establishing targets for the reduction of resource consumption, decrease in the volume of waste and pollution reduction;
- h) Monitoring and assessment of the proposed targets;
- i) Development of assets management and management of climate risks on assets, operations and environment;
- j) Development of certain major investment projects and implicitly, ensuring after the year 2031, an installed capacity of 3262 MW of clean energy in order to achieve the decarbonization targets and reduce the carbon footprint;
- k) Developing business partnerships having a major component of environmental protection;
- l) Development of current investment projects with significant role in reducing the environmental impact;
- m) Communication of our commitment to our business partners, collaborators, communities and consulting them for the purpose of preparation of the materiality matrix.

Cosmin Ghita
CEO

Teodor Minodor Chirica
Chairman of the Board of Directors



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