



NUCLEARELECTRICA

Current report in accordance with ASF Regulation no. 5/2018 regarding issuers of financial instruments and market operations

Report date: 08.07.2021

Name of the issuing entity: Societatea Nationala NUCLEARELECTRICA S.A.

Registered office: 65, Polona street, District 1, Bucharest

Phone/fax number: 021-203.82.00 / 021 – 316.94.00

Sole Registration Code with the Trade Register Office: 10874881

Order number: J40/7403/1998

Subscribed and paid share capital: RON 3.016.438.940

Regulated market on which the issued securities are traded: Bucharest Stock Exchange

**To: Bucharest Stock Exchange
Financial Supervisory Authority**

Important event to be reported: SNN launches the new mission, vision and values of the company

In the context of the role that nuclear energy has in achieving the decarbonization targets and ensuring the transition to a carbon-free economy, in conjunction with its strategic investment projects, SNN has established its new mission, vision and values:

- **SNN's Mission: We generate clean energy at standards of excellence**
- **SNN's Vision : We build a sustainable future for tomorrow's generation**
- **SNN's values: Professional excellence, Care for employees, Safety and stability, Empathy and responsibility, Sustainable development**

SNN's mission, vision and values represent SNN team's commitment for sustainable development, innovation and energy security. Equally, they reflect SNN's values derived from the individual and collective values of the employees and represent a guide for the younger generations that we set out to grow.

„We are currently at the stage where the history and our role so far make us responsible for looking carefully to the future. SNN's mission, vision and values come from SNN's history and performance, they lead to the performance of the future and are the company's professional DNA. They represent our human nature, values, operation and investments. Their role is to capitalize on the acquired expertise and to use it in the strategic projects: refurbishment of Unit 1, Units 3 and 4 Project, potential implementation of small modular reactors, clean hydrogen production. We are aware of the importance of our role in developing communities and protecting the environment. We assume the company's role in a very long term context where we offer resilience, energy security, clean energy and economic growth. 2200 people act in one direction with motivation and passion for nuclear energy to provide our children with a clean environment.”-Cosmin Ghita

Societatea Nationala NUCLEARELECTRICA S.A.

65 Polona Street, District 1, 010494, Bucharest, Romania; Tel +4021 203 82 00, Fax +4021 316 94 00;

Trade Registry number: J40/7403/1998, Sole registration code: 10874881,

Paid and subscribed capital: 3.016.438.940 lei.

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In 2030, nuclear energy will provide approximately 35% of the necessary consumption by operating 4 CANDU nuclear units, will avoid the release of 20.000.000 million tons of CO₂/year, will indirectly create around 19.000 jobs in the internal supply chain, will contribute to the development of education and research in the nuclear field and related areas. Through its investment projects, Refurbishment of Unit 1, Units 3 and 4 Project, Tritium removal facility, Cobalt 60 production, worth approximately 9 billion Euros, SNN becomes a pillar of the decarbonisation along with a multiple effect of micro and macroeconomic development. SNN makes these projects by raising a new generation of nuclearists, by retaining and training young people in Romania and by capitalizing on their potential.

Cosmin Ghita
CEO

Valentina Dinu

Head of Communication and Investor Relations Department

The report of the socio-economic impact of the nuclear industry in Romania

A total of 170 million tonnes of CO₂ avoided since the commissioning of Units 1 and 2 is equivalent to:

- the amount of CO₂ produced by all cars in Romania for 8 and a half years

10 million tonnes of CO₂ avoided annually by the operation of **Units 1 and 2** is equivalent to:

- the same amount of CO₂ produced by all cars in Muntenia and central Romania in one year

- the CO₂ amount generated as result of the use of energy, for one year, in all individual houses in Romania built after 1980

The contribution of the nuclear energy in total energy production, at national level: **18%**

The contribution of the nuclear energy in total energy production without CO₂ emissions, at national level: **33%**

2.300 directly generated jobs

9.000 jobs generated by the industry

5,7 billion EUR contribution to GDP at nuclear industry level in Romania:

This amount can ensure:

- the operation of all middle schools in Romania for 2 and a half years or

- the operation of all highschools, colleges and schools of arts and crafts in Romania for 4 years or

- drinking water supply to 1/3 of the villages in Romania with a total of approximately 3,6 million inhabitants or

- the construction of 77 hospitals with 400 seats each or

- the operation of all hospitals in Romania for one year

10 million lei and over 2 million Romanians impacted annually in projects for the benefit of the community

3 strategic investment projects worth 9 billion EUR up to 2030:

- **Refurbishment of Unit 1**

- Capacity extension with 2 more **CANDU** nuclear units: **Units 3 and 4 project**

- **Tritium removal facility**

After 2030, when Units 3 and 4 will enter into commercial operation, **the socio-economic impact of SNN will increase as follows:**

- **20 million tonnes of CO₂ will be avoided annually**

- The contribution of the nuclear energy in total energy production, at national level: **36%**

- The contribution of the nuclear energy in total energy production without CO₂ emissions, at national level: **66%**

- **19.000 jobs** by initiating new nuclear projects in Romania

Innovation with an exponential socio-economic impact by assessing the potential of small modular reactors and clean hydrogen production