

Florence Parly appointed to *newcleo*'s Board of Directors

LONDON, UK 29 March 2023 – *newcleo*, the clean and safe nuclear technology company developing innovative Generation IV reactors using nuclear waste as fuel, announces the appointment of Former French Minister of the Armed Forces Florence Parly to its Board of Directors.

Having served in various senior leadership roles in the French Government and with extensive management experience in major French industrial and transport corporations for over two decades, Florence Parly brings a wealth of expertise and competence to *newcleo*'s Board. Her intimate knowledge of international decision-making processes, her understanding of how science can serve society, and her support for energy solutions that protect the environment will add very significant value to our Board of Directors.

Florence Parly's appointment comes as Julia Pyke resigns, due to her appointment as joint leader of Sizewell C.

Stefano Buono, *newcleo* Chairman and CEO, commented:

"We are honoured to welcome former Minister Florence Parly to our Board. She will be a true asset to our company as we continue to build a new competitive standard in nuclear energy, to meet the rising global demand for clean, safe and reliable power."

"Florence will bring a sophisticated and international perspective, and will help us grow and further develop our unique lead-cool fast nuclear reactors. We are looking forward to working together and benefit from her expert guidance."

*"I would also like to extend my sincere thanks to Julia for the many valuable contributions she made to *newcleo* during her tenure, and wish her all the best in her new role."*

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To find out more about *newcleo* and its project, visit [newcleo.com](https://www.newcleo.com)

Notes to editors

Appointee:

Florence Parly is a French politician who most recently served as Minister of the Armed Forces from 2017 to 2022.

Previously, from 2014 to 2017, Minister Parly was Director General of the SNCF Voyageurs, which covers SNCF's passenger train activities. From 2006 to 2014, she was Deputy Director General of Air France, after serving on the Burgundy Regional Council (including as its Vice-President) and as Head of Economic Development for the Ile-de-France region (2004 to 2006). From 2003 to 2005, she oversaw Economic and Employment policies for the French Socialist Party.

From 2000 to 2002, Minister Parly served as Secrétaire d'État (Junior Minister) for the Budget, after having served in the Prime Minister's Office as Advisor on the Budget (1997-2000). From 1993 to 1997, she served at the Direction du Budget, where she was responsible for various lines of work including infrastructure, housing and social security. From 1991 to 1993, she served in the Cabinets of the Ministers of Home Affairs, Public Service and Infrastructure.

Minister Parly started her career in 1987 as civil administrator at the Direction du Budget, where she was responsible for social accounting, and oversaw the creation of various welfare programs.

Minister Parly has previously served on the Boards of Altran, BPI France, Ingenico, Servair and Zodiac Aerospace. She is a graduate of IEP Paris (Sciences-Po), and of the Ecole Nationale d'Administration (l'ENA; Fernand-Braudel Promotion).

About newcleo

Privately funded and headquartered in London, *newcleo* was launched in 2021 – and since raised a total of EUR 400m – to be an innovator in the field of nuclear energy. Its mission is to generate safe, clean, economic and practically inexhaustible energy for the world, through a radically innovative combination of existing, accessible technologies.

With visionary co-founders, *newcleo* capitalises on thirty years of R&D activity in metal-cooled fast reactors and liquid-lead cooling systems, and our senior management and advisory team can boast hundreds of years in cumulative hands-on experience.

newcleo's technology, mostly comprising a novel approach to already qualified solutions, addresses equally well the three challenges affecting the nuclear industry to date: waste, safety and cost.

- **Waste:** fast reactors are capable of efficient “burning” (i.e., fission) of depleted uranium, plutonium and Minor Actinides. When operated with MOX fuel generated from reprocessed nuclear waste, *newcleo*'s reactors not only ensure sustainability by closing the fuel cycle, but can also boost energy independence.
- **Safety:** lead-cooled reactors operate at atmospheric pressure. The properties of lead (thermal capacity and conductivity, boiling point, chemically inert, low neutron activation, shielding properties) together with *newcleo*'s passive safety systems ensure very high levels of safety
- **Cost:** *newcleo*'s reactor design has been optimised over the last 20 years leading to the concept of an ultra-compact and transportable 200MWe module with improvements in energy density compared to other technologies. Costs are kept low by means of simplicity, compactness, modularity, atmospheric pressure operation and elevated output temperature.

newcleo is also working to significantly invest in MOX fuel manufacturing in developed countries, extracting energy from the current nuclear industry by-products.

newcleo is ready to develop a new, sustainable, and completely safe way of generating nuclear energy that will help humanity reach zero emissions, and mitigate of global warming.

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