

BIOGRAPHIES

Leadership Team



Stefano Buono

Chief Executive Officer

A nuclear physicist and successful entrepreneur, Stefano started his career working for 10 years with Nobel laureate Carlo Rubbia at CERN and CRS4, in the field of Accelerator Driven Systems and nuclear waste transmutation. In 2002, he founded Advanced Accelerator Applications, listed on NASDAQ until its acquisition by Novartis for \$3.9 bn. He is the Chairman of various organisations, and the founder of Elysia Capital, his single family office. He is the author of numerous scientific publications, and received his Master's degree in Physics from the University of Turin.



Luciano Cinotti

Chief Scientific Officer

A nuclear engineer, he worked at Ansaldo for 30 years and is a leading expert in Fast Reactor technologies. A Euratom representative and the Chairman of the LFR (Lead Fast Reactors) Steering Committee of the Generation-IV International Forum from its inception until 2010, he is the author of most of the world's LFR-related patents.



Elisabeth Rizzotti

Chief Operating Officer / Managing Director Italy

A physicist, after a brief spell at CERN, she left physics to embrace the world of finance, working first for leading international consulting companies and then for several Italian commercial banks where for 30 years she developed her strong managerial expertise.



Michele Battistin

Chief Program Management Officer

A mechanical engineer. He started his career contributing to the Fast Energy Amplifier project of Carlo Rubbia. After five years in industrial gas and in strategic consulting he joined CERN again in 2001 where he coordinated the cooling systems projects for all LHC particle detectors and the cooling and ventilation projects of CERN accelerators and experiments.



Alberto De Min

Chief Business Officer / Managing Director UK operations

With a PhD in sub-nuclear physics and an EMBA in management and corporate finance he divided his professional career between academic research and finance. After fifteen years spent at CERN, at Università di Padova and Politecnico di Milano, he worked for banks and asset managers investing in liquid markets as well as venture capital. Co-founder of two technology start-ups and a family office in Switzerland.



Davide Domeneghini

Chief Information Officer

After managing software projects in Europe, Asia, and the USA, for 20 years, he specialized in systems administration, providing his consultancy to companies in the field of systems integration, data networks and IT security. In 2005 he joined Advanced Accelerator Applications where he became IT Director. Before joining *newcleo* as CIO, Davide was in charge of the structuring and management of IT in Elysia Capital and Planet Smart City, as IT Director and CTO.



Bruce Macfarlane

Chief Financial Officer

A physicist and chartered accountant who spent 20 years of his international career at BP, spread across Europe, Asia, and the Americas, culminating in a global CFO role overseeing USD 6 billion of expenditure. With the energy sector as his backbone, he spent a further 10 years working with private equity, family offices and other funds on financial investments into the billions.



Massimo Marino

Managing Director France

Physicist/computer scientist with 20+ years of experience. He has operated across sectors, having worked at CERN, the Lawrence Berkeley National Laboratory in California (USA), Apple, the World Economic Forum, and AAA/Novartis. In 2020, Massimo co-founded KAX, a medical, pharmaceutical, information security and data protection consultancy.



David Vannier

Chief Government Affairs Officer

Extensive international experience in government affairs. He worked as an economist on Wall Street prior to joining the World Bank in the US and Asia. He became Board Operations Officer at the International Monetary Fund in 2006, and went on to spend over 12 years reporting directly, as a cabinet member, to the last 3 Managing Directors of the IMF, in Washington, DC. David holds a master's degree from the Paul Nitze School of Advanced International Studies at Johns Hopkins University.



Laura Vergani

Chief Communications Officer

Communications professional with over 20 years of extensive international experience, she has worked in the UK for the last twenty years in large companies both private and listed. Laura has operated across sectors, including highly complex and regulated environments (banking, healthcare). She holds an MA in English and Russian literatures.

Scientific Committee



Giovanni Corsini

A graduate in chemical engineering, he joined the team led by Cinotti at Ansaldo Nucleare in 1990. Previously he worked on the European Fast Reactor team at Novatome (in Lyon, France) and was resident engineer in Germany and field engineer for a chemical plant on behalf of Foster Wheeler It.



Giuseppe De Antoni

A nuclear engineer, he worked for more than 40 years in the field of fast reactors, mainly on the construction of the SPX1 reactor (Superphénix), starting in the late 70s as a system engineer during the detailed design phase for the reactor, and later working on its commissioning, operation and dismantling.



Cosimo Garofalo

A nuclear engineer, he worked for more than 40 years in the field of fast reactors, mainly on the construction of the SPX1 reactor (Superphénix), starting in the late 70s as a system engineer during the detailed design phase for the reactor, and later working on its commissioning, operation and dismantling.



Norberto Meda

A graduate in physics, he began his professional career in neutronics and core design, working in particular on the core design of SPX1 as part of the NIRA/CEA team. He contributed to the shield design of the PEC reactor, to SPX1 service activities and to the design of the primary system of the LFR-AS-200 reactor.



Leonardo Presciuttini

A nuclear engineer, he worked as a member of the “équipe commune Novatome-NIRA” in Paris on the construction of SPX1 and on the development of SPX2. He has been involved in the realisation of the PEC reactor and in steam turbine design. His prior experience includes engineering manager at FBM-Hudson Italiana SpA and general manager at Mangiarotti SpA.



Luigi Vernetti

A mechanical designer, he has mainly been involved in studies and industrial activities for the construction and decommissioning of SPX1. He has contributed to the development of heat exchangers and cooling systems for other fast reactors and, more recently, of LWRs as well.

Board of Directors



Stefano Buono

Chairman

A nuclear physicist and successful entrepreneur, Stefano started his career working for 10 years with Nobel laureate Carlo Rubbia at CERN and CRS4, in the field of Accelerator Driven Systems and nuclear waste transmutation. In 2002, he founded Advanced Accelerator Applications, listed on NASDAQ until its acquisition by Novartis for \$3.9 bn. He is the Chairman of various organisations, and the founder of Elysia Capital, his single family office. He is the author of numerous scientific publications, and received his Master’s degree in Physics from the University of Turin.



Carlo Zuccaro

Non-Executive Director

Carlo has over 20 years’ experience in principal side asset management, and held roles as CEO and CFO as part of portfolio companies management. In 2018, he started the operations of Elysia Capital, a family office. Carlo received an MBA with Honours from the University of Chicago Booth Graduate School of Business and a Master with High Honours in Economics from Università Bocconi, Milan.



Julia Pyke

Independent Non-Executive Director

A lawyer by background, Julia has over 15 years’ experience advising on the construction and financing of infrastructure and energy projects around the world. She joined EDF Energy in 2017 after leading Herbert Smith Freehills LLP’s Power and Renewables team in the UK, US & Europe. She is currently Director of Financing and

Economic Regulation for Sizewell C in the UK. Julia is a Fellow of the Energy Institute and a member of CBI Energy & Climate Change Board.



Kathryn Kerle

Independent Non-Executive Director

A finance executive with over 40 years' international experience in banking and risk management, Kathryn began her career at The Chase Manhattan Bank, now part of JP Morgan Chase, then worked at Moody's Investors Service, a rating agency, and Royal Bank of Scotland. An experienced board director and committee chair, she is currently the Chair of the Audit and Risk Committee of Planet Smart City as well as the Chair of the Audit, Risk and Evaluation Committee of the Microbiology Society.



Adrienne Kelbie

Independent Non-Executive Director

A transformational leader, Adrienne brings over 20 years Board experience of organisational design, governance and regulated sectors. She led the UK's Office for Nuclear Regulation from 2016-2021, during which time many changes were introduced to strengthen its capability, and simplify its processes, leading to significant increases in stakeholder confidence. She is now an independent Non-Executive Director for three organisations, including Nuclear Waste Services, and a leadership coach and consultant primarily to the engineering sector. She holds four fellowships including a rare Honorary Fellowship of the Nuclear Institute.



Raffaele Petrone

Non-Executive Director

A businessman and entrepreneur with over 35 years' experience, Raffaele is Chairman of Petrone Group, a holding of 30 companies in three continents, actively trading worldwide and operating in the pharmaceutical, para-pharmaceutical and health care sectors since 1965. An experienced Board director, he is currently Chairman of the board of Pierrel and began his career by founding Fin Posillipo, a financial and commercial consulting firm that offers financial planning, credit management, accounting, and corporate consulting services. Today he serves as the company's CEO.



Ruben Levi

Non-Executive Director

An experienced nuclear physicist, Board director, investor, and corporate advisor. Ruben has a degree in Physics from the University of Turin and a Ph.D. in Nuclear Physics at Massachusetts Institute of Technology (MIT). A founder of DaI 1802 ECSAT, an investment company specializing in investing in high tech companies, tourism, healthcare, and sustainability. He is also a Trustee of the New Museum in New York, and is on the Board of Neos Airline, Italy's second largest airline company.
