

EUROPEAN CURRICULUM VITAE



PERSONAL INFORMATION

Present professional address

Telephone

Fax

E-mail

Nationality

Date of birth

WORK EXPERIENCE (update May 2023)

- Dates (from – to)
- Name and address of employer
- Type of business or sector

April 2015 – present

RSE SpA – Via Rubattino 54 – 20134 Milano - Italy

R&D, development and studies in the field of the environmental and economic sustainability of the development of the energy system; assessment of the potential of different energy sources in the country (solar, wind, hydro, geothermal, biomass, fossil); assessment of the needs, performances and impact of large storage facilities (pumped hydro, geological, P-t-X); evaluation of the interaction between the energy system and the environment (i.e. effects of the energy system on the environment – e.g. CO₂ emissions, air pollution, LCA etc.; impact of the environment of the energy system – e.g. climate change, extreme events, etc.); supervision and management of specialized laboratories with special reference to the compliance to safety and quality standards (i.e. measuring equipment and chains).

- Occupation or position held

Director – Sustainability and Energy Sources Department

- Dates (from – to)
- Name and address of employer
- Type of business or sector

January 2006 – March 2015

RSE SpA (formerly CESI RICERCA SpA and subsequently ERSE SpA) – Via Rubattino 54 – 20134 Milano - Italy

R&D, development and demonstrations related to the energy technologies and systems. Management of the traditional electricity system using innovative techniques (diagnostic, monitoring, sensors, online calibration live line working techniques etc); development and management of innovation in the electricity system (smart grids, ICT, power electronics, high temperature superconductors, low sag line conductors, innovative protections etc.); management of advanced European-level laboratories: Ultra High Voltage test hall (4800 kV impulse, 1.6 MV power frequency, 700 kV DC generator), pollution hall, inverter testing laboratory, superconductivity laboratory, smart grid test facility etc.)

- Occupation or position held

Director – Transmission and Distribution Technologies Department

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held

1984-2005

CESI – Via Rubattino 54 – 20134 Milano - Italy

Testing, Consultancy, Certification, R&D electrical system

I held several positions with increasing responsibilities. In 2004 I was nominated Director of the Tests and Components Business Unit;

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organisation
 - Title of qualification awarded
 - Level in national classification

SELECTED PROJECTS

1977-1983

University of Genoa – Italy
Doctor's Degree in Electrical Engineering
110/110 cum laude

- **2022-TO DATE: CETPARTNERSHIP**, leading expert of the Transition Initiative TRI1 dealing with integrated energy system: leading the TRI1 office, managing the stakeholders, co-creating the relevant call texts, promoting the calls among interested parties, leading the formative evaluation of projects financed, organizing the related part of the knowledge management and impact (this is a similar activity as that carried out in the BRIDGE initiative).
 - **2019-TO DATE: ERANET SMART ENERGY SYSTEMS**, member of the Support Team dedicated to formative evaluation of the financed projects, knowledge sharing and impact enhancement.
 - **2017- TO DATE: SET-PLAN IMPLEMENTATION WORKING GROUP IWG4**, co-chairmanship of the European member states working group in charge of the development and implementation of the SET Plan action 4 Implementation Plan of energy systems. the document (issued: <https://setis.ec.europa.eu/system/files/2022-02/SET%20Plan%20ENERGY%20SYSTEMS%20Implementation%20plan.pdf>) aims at setting up joint projects and programs among European member states to address the security and resilience of the energy system.
 - **2016 - 2020: INTENSYS4EU**, Coordination and support action in H2020 having the aim to assist the development of the ETIP SNET on integrated energy system. In this framework I coordinate the WP2, in charge of the development of the Vision 2050 document (issued: <https://www.etip-snet.eu/etip-snet-vision-2050/>), the coordination with different stakeholders (e.g. other ETIPs, BRIDGE, Mission Innovation, IEA, IRENA etc), the animation of the regional workshops and the related management of the knowledge transfer.
 - **2011-2017: CHAIRING THE IEA TCP AND CEM INITIATIVE ISGAN**: I contributed to the setting up, development and management of one of the major international smart grids initiatives: i.e. being the co-author of the smart grids technology action plan of the Major Economies Forum (MEF), participating in the founding committee, interim drafting committee and interim executive committee of the IEA Implementing Agreement ISGAN (International Smart Grids Action Network) where I was elected chairman in occasion of the first ExCo meeting in Seoul – June 2011. I have chaired the Executive Committee of ISGAN from its first meeting and lead the initiative towards its request for extension, submitted to the IEA EUWP in September 2016 and passed with maximum scores.
 - **2014-PRESENT: ELECTRICITY SYSTEM INNOVATION ROADMAP FOR EUROPE**: In the framework of important European projects (namely GRID+STORAGE, ERA-NET Smart Grids Plus Support, etc.) I coordinate the work of research teams dedicated to the monitoring of on-going research, innovation, demonstration and deployment activities based on European, national and regional funding in the field of the electrical system and the related knowledge sharing and management. We have set up a knowledge sharing platform (www.gridinnovation-on-line.eu) gathering outstanding results in the field of transmission and distribution research and innovation and monitored the development of more than 400 projects in the T&D fields at European level.
 - **2009- PRESENT: SMART GRIDS IN THE INTERNATIONAL CONTEXT**: I have been the vice-chairman of ENARD (Electricity Networks Analysis Research and Development) and the official Italian representative in several European and international organisations and initiatives such as the EEGI (European Electricity Grids Initiative), the EERA (European Energy Research Alliance – Joint Program on Smart Grids), the ETIP SNET (Energy Technologies and Innovation Platform – Smart Networks for Energy Transition).
- I have authored or co-authored about 90 papers published at national or international level, reporting the main scientific and technical achievements obtained during the working activity. List available on request
- **CO-CHAIR OF THE IMPLEMENTATION WORKING GROUP OF THE EUROPEAN SET-PLAN INITIATIVE (ACTION N.4: INCREASE THE RESILIENCE AND SECURITY OF THE ENERGY SYSTEM)**
 - **CHAIR OF THE NATIONAL STAKEHOLDER COORDINATION GROUP OF THE ETIP SNET (EUROPEAN**

PUBLICATIONS

MEMBERSHIP OF PROFESSIONAL SOCIETIES

TECHNOLOGY AND INNOVATION PLATFORM ON SMART NETWORKS FOR AN ENERGY TRANSITION)

- VICE CHAIR AND ITALIAN NATIONAL REPRESENTATIVE IN THE COMMITTEE FOR ENERGY RESEARCH AND TECHNOLOGY OF THE IEA (INTERNATIONAL ENERGY AGENCY)
- VICE CHAIR “INTEGRATED ELECTRICITY SYSTEM” OF THE END USE WORKING PARTY OF THE IEA (I.E. THE COMMITTEE IN THE IEA SUPERVISING N.14 TECHNOLOGY COLLABORATION PROGRAMS) AND ITALIAN DELEGATE
- PAST CHAIRMAN OF THE EXECUTIVE COMMITTEE OF THE CLEAN ENERGY MINISTERIAL INITIATIVE AND IEA TECHNOLOGY COLLABORATION PROGRAM **ISGAN** (International Smart Grids Action Network)
- FORMER ALTERNATE ITALIAN MEMBER IN THE EXECUTIVE COMMITTEE OF THE IEA Implementing Agreement HTS (High Temperature Superconductivity)
- FORMER ITALIAN REPRESENTATIVE IN THE EUROPEAN INDUSTRIAL INITIATIVE TEAM (EEGI) ON SMART GRIDS (now ETIP SNET– European Technology Innovation Platform on Smart Networks for Energy Transitions). **CHAIR OF THE NATIONAL STAKEHOLDER COORDINATION GROUP**
- SENIOR MEMBER OF IEEE (Institute of Electrical and Electronics Engineers USA)
- INDIVIDUAL MEMBER OF CIGRE (International Council on High Voltage Networks)
- MEMBER OF THE BOARD OF THE ITALIAN CHAPTER OF CIGRE
- FELLOW MEMBER OF AEIT (Italian Electrotechnical Association) since 1982
- VICE-CHAIR OF THE EXECUTIVE BOARD of the Milan Section of AEIT and DELEGATE FROM THE MILAN SECTION to the central Board of the Association
- PAST MEMBER OF THE BOARD OF FAST (Italian Federation of Science and Technology Associations); MEMBER OF THE EXECUTIVE COMMITTEE OF FAST
- CHAIRMAN OF THE TC 313 (“Smart Energy Systems”) OF CEI (Italian Electrotechnical Commission)
- MEMBER OF ALDAI (The Association of Industrial Managers of Lombardy) and of FEDERMANAGER (the Italian Association of Managers)
- FORMER REGISTERED ENGINEER in the Orders of Engineers of Milan Italy (registration n. 18233) from 1993 to 2105