

Michelangelo Celozzi

Engineer

EUROPEAN CURRICULUM VITAE FORMAT

PERSONAL INFORMATION

Name **MICHELANGELO CELOZZI**

Address

Telephone

E-mail

Nationality Italian

Date of birth

SHORT PROFILE

Engineer (MSC). Longstanding international experience in the **Mediterranean Energy Sector**. President and co-founder of **TEN - Trans Med Engineering Network**, CEO of **FCI Engineering**, **Member of the Scientific Council** of the **Center for Mediterranean Integration - CMI**, Co-Founder and Secretary General of the **Mediterranean Energy Academy**. Lecturer at the **Italian Centre for Higher Studies for**. Formerly **Executive Manager** at **ENEL** and **Terna**

WORK EXPERIENCE • Dates (from – to) Jan 2021 – now:

- **Executive President of TEN – TransMed Engineering Network – Ltd**

An SPV grouping four **Italian Engineering Companies** highly specialized in the electricity sector, covering the entire scope of expertise in Electrical Engineering.

- **Member of the Scientific Council of the CMI – Center of Mediterranean Integration - Marseille**

▮ **2018 – now:**

- **Chairman and CEO of FCI Engineering Ltd**
Engineering company supplying system engineering services in the Mediterranean energy sector
- **Founding Member and Secretary General of the MEA – Mediterranean Energy Academy**
International association of Universities and Companies for international cooperation, participated by all the Italian Universities operating in the energy sector.

▮ **2016 – now:**

- **Lecturer at the Italian Center for Higher Studies for Defense**
As Energy Expert, at the master's Course on "Global strategy and security".

Previous Experience

2005 – June 2018: Executive Manager at Terna S.p.A.

- ▮ **2012 – 2015: First Secretary General of Med TSO - The Association of the Mediterranean Electricity Transmission System Operators (TSOs), a cooperation platform for regional development, aimed at the integration of the Mediterranean Electricity Systems**
- ▮ **2014 – 2015: Proposal Manager and Project Manager of the Mediterranean Project of Med TSO, funded by the European Commission (budget 3 million €, 3 Years Project)**
- ▮ **2013: Proposal Manager and Project Manager of the First Master Plan of the Mediterranean Interconnections, funded by the EC in the framework of the Project “Paving the Way for the Mediterranean Solar Plan”.**
- ▮ **2005 – 2009: Albania Project Manager of Terna**
- ▮ **2006 – 2009: Project Manager of the Terna Technical Assistance to the Albanian TSO**
- ▮ **2008: Project Manager of the ENEL – TERNA Integrated Albanian Electrical Project (generation and transmission), involving an 800 MWe power plant (ENEL) and related submarine HVDC 1.000 MWe interconnection Italy – Albania (Terna)**
- ▮ **2007 – 2014: Tunisia Project Manager of Terna**
- ▮ **2007 – Proposal Manager of the Intergovernmental Agreement Italy – Tunisia concerning the Elmed Project (Electrical Connection Italy Tunisia, 1.000 MWe, submarine HVDC)**
- ▮ **2008 – Proposal Manager of the Cooperation Agreement (MoU)**

Terna – STEG for the implementation of the Elmed Project

□ **2009 – Incorporation Manager of Elmed Etudes**, the Joint Venture Terna-STEG for the Electrical Interconnection Italy Tunisia

□ **2009 – 2014 Executive Officer of Elmed Etudes (Tunis – Tunisia).**

- **Elmed Project Manager for preliminary design:** technology, cost analysis, desk top submarine study, terrestrial and submarine routes, grid connection schemes, interface AC-DC systems
- **Coordinator of Pre-FID preparatory works** (Business Plan, Information Memorandum implementation, Contracts and Disciplinary government licenses drafting)
- **Implementation Manager of the Business Model of the Interconnection**, in compliance with the European Rules, in cooperation with the **European Institute “Florence School of Regulation”**, and in liaison with the **European Commission – DG Ener**
- **Member of the Steering Committee of the International Prequalification Tender (shortlisting) for the Elmed Project, on behalf of the Tunisian Government**
- **Executive Manager of the Italian Government’s Assistance to the Elmed Project** and head of the related activities: **Analysis of the legal framework in Tunisia** and compliance with the European one and **Tunisian Electricity Grid Analysis** (static and dynamic) and evaluation of the RES penetration in different operating regimes (peak and off-peak hours)

□ **2010 – 2013: Mediterranean Cooperation Initiatives**

- **2010: Proposal Manager** (Consortium building, Consortium Agreement Signature, Offer Sharing) **for awarding the EC Project** (3 Year, 5 million € budget) **“Paving the way for the Mediterranean Solar Plan”** to the International Consortium (Terna, RTE, Sonelgaz, ENEA, Decon)
- **2010 – 2013 Executive Manager** of the Terna participation in the Project **“Paving the way for the Mediterranean Solar Plan”**
- **2012: Proposal Manager** of the **Libyan - Trans Saharan Maghreb Mashreq Electricity Connection**.
- **2012-2013 – Coordinator** of the **TERNA– Sonelgaz Feasibility Study of the Submarine Interconnection Algeria – Italy**

1997 – 2004 Executive Manager at Enel Group and related spin-off

□ **Business Project Manager** of the **Italian Electricity Market EUROPEAN**
(business model development)

CURRICULUM VITAE

□ **Project Manager** of the **SARCO Italy France Submarine INTERCONNECTION** (Sardinia – Corsica, 150 MWe, HVAC submarine interconnection).

□ **Proposal Manager** of the **ENEL transition procedures** from the monopoly regime to the competitive market (drafting of electricity

transport and dispatching contracts, unbundling procedures of the electricity service costs, analysis of the regulatory impact on the listing of ENEL on the stock market).

1984 – 1997: Researcher at ENEA (Italian Agency for New Technologies Energy and Sustainable Economic Development)

▮ **Project Manager and Head of Research Projects** concerning cogeneration, distributed electricity generation and industrial energy saving projects.

1983 – 1984: Italian Army Officer, Shooting Instructor at the Artillery School for Army Officers.

1981 – 1983: SCADA Systems Designer at CNEN Nuclear Research Centre of Casaccia

EDUCATION AND TRAINING

▮ 1974 -1981: **MSc Degree on Nuclear Engineering**, Specialization in Electrical Power Plant – University of Rome “La Sapienza”. Grade 110/110 Magna Cum Laude.

▮ 1968-1973: **Scientific High School Diploma**

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

▮ **Italian**

OTHER LANGUAGES

▮ **French, ENGLISH**

SOCIAL SKILLS AND COMPETENCES

▮ Attitude to **teamwork**, in **heterogeneous and multicultural contexts**, respectful of the different religious sensitivities and Mediterranean cultures

ORGANIZATIONAL SKILLS

▮ The **military education** received and the **work experience** has allowed him to grow in **social and professional relationships**, in terms of **personal** (leadership, , problem solving, discipline and

AND COMPETENCES
TECHNICAL SKILLS
AND COMPETENCES

organizational skills) and **professional skills** in the **energy and system engineering sectors**, acquiring organizational ability to manage **complex and multifunctional projects**, including the ability to manage **International cooperation and relations** at high-level, like **Mediterranean Governmental and Intergovernmental Institutions and European Institutions** (European Commission - DG ENER, DG DEVCO - DG for International Cooperation and Development, DG NEAR, EC Joint Research Centre).

OTHER SKILLS
AND COMPETENCES

|| Familiarity with the use of IT management systems and calculation resource, project management tools, for Project planning, scheduling and monitoring.

Competences not mentioned above.

ADDITIONAL INFORMATION

Recent Publications, Lectures and Reports 2016-2021

1. 2016 – 2021 Lecturer on “**Energy challenges in the complex tangle of international interest**”, at the **Center for Higher Studies for Defense of the Ministry of Defense**, in the framework of the Master in "Global strategy and security".
2. **Energy as key element of regional security** – Centre for Defense Higher Studies (CASD), February 2018.
3. **A Business Model for the Euro Mediterranean Electricity System Integration** – S. Basso e M. Celozzi – AEIT International Conference - July 2016
4. **MEA Project - “Mediterranean Energy Academy”** – Michelangelo Celozzi - Capri October 7th, 2016 (M. Celozzi).
5. **Electrical Infrastructures in the Mediterranean Market**– AEIT International Conference – Michelangelo Celozzi - October 8th, 2016
6. **Energy infrastructures for the regional stabilization process - Brookings Doha Center**, Qatar March 27th, 2017.
7. **Energy and Geopolitics in the Mediterranean** –Transforming resources and interdependencies in development strategies - **Giampaolo Cantini, Michelangelo Celozzi**, July 2017. Giampaolo Cantini (Italian Ambassador in Cairo) and Michelangelo Celozzi (AEIT Representative for the Mediterranean) - Lecture at the Master in Economic Intelligence – University of Rome “Tor Vergata” (**June 2017**)
8. Limes - **La partita del gas nel Mediterraneo orientale** - Giampaolo Cantini (Italian Ambassador in Cairo) and Michelangelo Celozzi (AEIT Rappresentative for the Mediterranean) (**July 2017**).
9. “**Eastern Mediterranean Power Systems Evolution: Challenges and Opportunities for Middle East Countries**” - by Amani AL- Azzam (Secretary General at the Jordan Ministry

of Energy and Mineral Resources,); Michelangelo Celozzi, Giancarlo Manzoni; Sorina Mortada, Andrea Mannocchi; Regional Cigre Conference, Jordan **April 2018**.

10. **Mediterranean Wars – Energy and Security Links** - Centre for Defense Higher Studies (CASD), Rome **March 2020**.

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Roma 7 marzo 2024

Ing. Michelangelo CELOZZI
(firma autografa omessa ai sensi dell'art. 3 del D.lgs. n. 39/1993)