

# Europass Curriculum Vitae

## Personal information

First name(s) / Surname(s) **Minodor Teodor, Chirica. Ph. D**  
Address(es)  
Telephone(s)  
Fax(es) **n/a**  
E-mail [tchirica@nuclearelectrica.ro](mailto:tchirica@nuclearelectrica.ro)  
Nationality **Romanian**  
Date of birth **10.09.1946**  
Gender **Male**

Desired employment /  
Occupational field **n/a**

## Work experience

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Dates	October 16, 2017 onwards
Occupation or position held	<b>Senior Adviser to the CEO</b>
Main activities and responsibilities	Adviser to the CEO for large projects, international affairs, focusing on EU affairs
Name and address of employer	<b>Nuclearelectrica SA</b> , 65 Polona St., postcode: 010494, Sector 2, Bucharest
Type of business or sector	Nuclear Power – electricity production and new projects development

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Dates	Noiembrie 2013 – Octombrie 2017
Occupation or position held	<b>Director General</b>
Main activities and responsibilities	Development of Cernavoda NPP Units 3 and 4 Project, the supervision and monitoring of the existing structures at the Project site, providing technical assistance to Nuclearelectrica SN during the negotiations with the Selected Investor and part of the "Due diligence " related activities.
Name and address of employer	<b>SC EnergoNuclear SA</b> , Vasile Lascar St., 5-7, 3rd floor, postcode: 020491, sector 2, Bucharest
Type of business or sector	Nuclear Power –new projects development

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Dates	September – November 2013
Occupation or position held	<b>Senior Adviser to the CEO</b>
Main activities and responsibilities	Advising the CEO on Cernavoda NPP Units 3 and 4 Project development
Name and address of employer	<b>Nuclearelectrica SA</b> , 65 Polona St., postcode: 010494, Sector 2, Bucharest
Type of business or sector	Nuclear Power Utility

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Dates	June 2009 – August 2013
Occupation or position held	<b>Managing Director</b>
Main activities and responsibilities	Responsible to the Board of Directors of ANRO and to the Director of the European Business, having the main responsibilities to develop business at Romanian and regional level, and to lead AMEC contribution to Cernavoda NPP Unit 3 and 4 Project.
Name and address of employer	<b>AMEC NUCLEAR RO (ANRO)</b> , 59 Grigore Alexandrescu St., Postcode 010623, Sector 1, Bucharest
Type of business or sector	Nuclear Power/ Consultancy and Engineering

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Dates	January 2009 – June 2009
Occupation or position held	<b>Senior Adviser to the CEO</b>
Main activities and responsibilities	Advising the CEO on Cernavoda NPP Units 3 and 4 Project development
Name and address of employer	<b>Nuclearelectrica SA</b> , 65 Polona St., postcode: 010494, Sector 2, Bucharest
Type of business or sector	Nuclear Power Utility

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Dates	November 2007 – February 2009
Occupation or position held	<b>Member of the Board</b>

Main activities and responsibilities	Management and administration of funds for decommissioning nuclear installations and disposal of radioactive waste
Name and address of employer	<b>National Agency for Radioactive Waste-ANDR</b> , D.I. Mendeleev St., 21-25, Sector 1, Bucharest
Type of business or sector	Nuclear Power – radioactive waste management and disposal
Dates	March 2005 – January 2009
Occupation or position held	<b>CEO and Member of the Board</b>
Main activities and responsibilities	CEO of Societatea Nationala "Nuclearelectrica SA, responsible to the Board of Directors of the company regarding the operation of two CANDU type reactors and the Nuclear Fuel Plant. Effort devoted to the completion Cernavoda NPP Unit 2 (700 MW) and its commercial from October 2007, as well as for the safe and efficient operation of Unit 1 and the Nuclear Fuel Plant. Major commitment to the further development of nuclear energy in Romania, related to Cernavoda NPP Units 3 & 4 Project, to be set-up as an Independent Power Producer attracting private investors. Conclusion of the Investment Agreement for Cernavoda 3 and 4, 2008 between Nuclearelectrica. ArcelorMittal, CEZ, GDF (today ENGIE), ENEL, Iberdrola and RWE. <b>The activity required the direct cooperation with representatives of the Romanian Government and Parliament, the European Commission and the European Parliament, as well as with the Permanent Representation of Romania to the EU.</b>
Name and address of employer	<b>Nuclearelectrica SA</b> , 65 Polona St., postcode: 010494, Sector 2, Bucharest
Type of business or sector	Nuclear Power Utility
Dates	August 1998 - March 2005
Occupation or position held	<b>Director</b> , Division of Business Development, Trade and Communication
Main activities and responsibilities	Responsible to the Director General for company policy related to: the international cooperation with international organizations (FORATOM, ENS, EC, IAEA, COG, WANO, WNA), sister companies and NGOs; management of the energy trading contracts, import-export activities; corporate risk-management and insurance; negotiation loan agreements for Cernavoda Unit 2 Projects with commercial banks and EURATOM; communication to the public, decision makers and local authorities concerning nuclear power; organizing public debates and public information campaigns; official spokesman of the company.
Name and address of employer	<b>Nuclearelectrica SA</b> , 65 Polona St., postcode: 010494, Sector 2, Bucharest
Type of business or sector	Nuclear Power Utility
Dates	1993 - 1998
Occupation or position held	<b>Manager, International Affairs (1995 - 1998); Project Director (1993 – 1994)</b> with the Nuclear Power Group (GEN) of RENEL:
Main activities and responsibilities	<u>1995-1998</u> : Responsible to the Director of GEN commercial activities, risk management and insurance, marketing for power sales, communication and official speaker of GEN, as well as international relations ( IAEA, COG, WANO), sister companies and NGOs; <u>1993-1994</u> : Responsible to the Director of GEN, as Head Office Project Director, for completion and commissioning of Cernavoda Unit 1 and rehabilitation of Nuclear Fuel Plant, managing interfaces with the external contractors: AECL Canada and ANSALDO Italy, responsible for the cooperation of GEN with international organizations.
Type of business or sector	Integrated Electricity Utility
Dates	1992 – 1993
Occupation or position held	<b>Program Engineer</b>
Main activities and responsibilities	Information exchange, Operation experience and Radioactive waste management
Name and address of employer	<b>CANDU Owners Group</b> , 480 University Avenue, Suite 200, Toronto, ON M5G 1V2 Canada
Type of business or sector	Support for the Canadian and Overseas CANDU Reactors
Dates	1969 – 1992
Occupation or position held	<b>From Junior Engineer to Project Director for the NPP Site</b>
Name and address of employer	1969 – 1977; 1990 – 1992 Institute for Power Studies and Design (ISPE) and 1977 – 1990 Institute for Nuclear Power Reactors (IRNE) – Design Department
Type of business or sector	Energy Consulting/ Engineering

## Education and training

Dates **18.07.2006**

Title of qualification awarded **Ph.D. in Power Engineering (nuclear science)**  
Principal subjects/occupational skills covered Contribution to Radioactive Waste Management within the Nuclear Power Program in Romania. Organization, Management and Economic Aspects of Decommissioning of a CANDU 6 Nuclear Power Plant in Romania  
Name and type of organisation providing education and training **Universtatea Politehnica din Bucuresti (Polytechnical University of Bucharest)**  
Level in national or international classification **Ph.D. in Nuclear Science**

Dates 1973  
Title of qualification awarded **Diploma – Post University Course**  
Principal subjects/occupational skills covered Nuclear Reactors and Nuclear Technology  
Name and type of organisation providing education and training (Former) State Committee for Nuclear Energy & Polytechnical University, Bucharest  
Level in national or international classification **Post-University degree (equivalent with Master of Science) in Nuclear Engineering and Technology**

Dates **1964 – 1969**  
Title of qualification awarded **Thermo Power Engineer**  
Principal subjects/occupational skills covered Mathematics, Physics, Strengths of Materials  
Hydraulics, Thermo-hydraulics, Electricity Applications, I & C,  
Steam Boilers and Turbines, Conventional Power Plant, Cogeneration  
Reactor Physics; Nuclear Power Plants;  
Process Management: Economical, Organizational, Planning  
Name and type of organisation providing education and training **Universtatea Politehnica din Bucuresti – Facultatea de Energetica (Polytechnical University of Bucharest – Faculty of Energy Science)**  
Level in national or international classification **Bachelor of Science in Engineering**

### Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English, French**

Self-assessment

*European level (\*)*

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
B2	Independent user	B1	Independent user	A2	Basic user	A2	Basic user	A2	Basic user

(\*) *Common European Framework of Reference for Languages*

Social skills and competences

- **Teamwork and intercultural qualities:** I have experience working in companies with state and private capital (multinationals), working and cooperating with international organizations: International Nuclear Energy Agency (IAEA), CANDU Owners Group (COG), World Operators Association Nuclear (WANO), FORATOM, WNA, national and international associations: Roman Atomic Forum (ROMATOM), European Atomic Forum (FORATOM), professional associations: Romanian Association "Nuclear Energy" (AREN), European Nuclear Society (ENS), think- tanks in the geopolitical and energy field: Romanian Energy Center (ROEC) etc
- **Experience of working in a multi-cultural environment** acquired during the period worked in COG, Canada, from the activity of approx. 20 years in the European Atomic Forum, as well as in AMEC
- **Media and communication qualities:** I have the experience of communication, directly and through the media, representing the company and the NGOs of which I am a part of the decision makers, parliamentarians, authorizing authorities, local authorities, NGOs and the general population;
- **Facility to work with politicians,** at national level (Government, Parliament and other state institutions) and European (European Parliament, European Commission)

- Organisational skills and competences
- **Experience to lead** small groups (5 - 25 people) to large companies (over 2,000 people), including budget management, programs, risk management and human resources;
  - **Experience in leading teams** for technologies evaluation, infrastructure, environmental conditions, as well as financing for large nuclear power projects, acquired during the activities related to the completion and commissioning of Units 1 and 2 from Cernavoda, development of new projects (Cernavoda 3 and 4), as well as for the evaluation and selection of new nuclear sites;
  - **Experience in defining, selecting and negotiating credits** in the amount accumulated of approx. 700 thousand Euro;
  - **Experience in selecting staff and consultants**, as well as in negotiating with suppliers and contractors.
- Technical skills and competences
- List of specializations in which I am considered qualified:
    - Management/ Administration of professional and industrial lobby associations in the energy field
    - Management / Administration of different size companies in energy and nuclear sector
    - Communication to General Public and Authorities
    - Organization of Public Information Campaigns & Public Debates
  - Technical experience from my previous activity as an engineer and different national and international technical training has given me the necessary background to understand and evaluate technical decisions to be made for large nuclear projects;
  - Co-author of handbooks: "Heavy Water Reactors - Status and Projected Development" TRS-407, IAEA, 2002 and "Advanced Applications of Water Cooled Nuclear Power Plants", TECDOC 1584, IAEA, 2008; co-author of the volume "Radioactive waste - Myths and truths", Modelism Publishing House (2003), about 100 60 articles and scientific communications, in the country and abroad
- Computer skills and competences
- Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™).
- Other skills and competences - Hobbies
- History, Arts, Literature, Travelling
- Driving licence Category B

**Professional affiliation**  
(positions not reimbursed)

- **President of the Executive Board (ExB) of the European Atomic Forum (FORATOM)**, based in Brussels, for a two-year term, starting with January 1, 2018 and Past President for the next two years
- Vice President of the FORATOM (June 2017 – December 2017), member of the FORATOM ExB (from 2006) and Treasurer (from 2008), representing the Romanian nuclear industry to the General Assembly starting with 2001;
- **Honorary President** from March 2017, member of the Board of Directors (2005 - March 2017) and Secretary General (2000 - 2005) of the **Romanian Atomic Forum - ROMATOM**
- ROEC Special Adviser since the beginning of 2015
- **President of the European Nuclear Council in 2008** (club of decision makers from commercial companies with activities of electricity production by nuclear means)
- Member of the Board of Governors WANO - Atlanta Center (2005 - 2008)
- Vice-President of the Romanian National Committee of the World Energy Council (2007 - 2008)
- President of the Romanian Nuclear Energy Association (1994 - 1998)

Dr. Ing. Teodor Chirica

