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Ionut Purica

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English

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### **My personal information**

Personal information

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Date of birth:20 Nov 1954

Gender:Male

Nationality:Romanian

Contact details

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[puricai@yahoo.com](mailto:puricai@yahoo.com)

Home Address

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Work experience

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**Member, Sen.Researcher; Exec.Dir; Ext.Term Cons.; President; Advisor to the Minister**

Advisory Council for Sustainable Development of the Prime Minister, IPE Romanian Aad. FCCEA; World Bank; Nucl.Ag.Ro.; Min.Research

1 Dec 2004 – 15 Apr 2022 Bucharest Romania

Research on energy and environmental (climate change) sustainable development actions and indicators' forecasting with a view to harmonize Romania UN and EU strategies in these fields. Modelling finance and economic impact of measures to reduce GHG emissions till 2020 for the National Forecasting Commission. Advanced research in nonlinear systems. Teaching to masters of science. Also, member of the Prime Minister's Advisory Council on Energy strategies (2006) and Parliament Expert (2007). **Design of the fund for nuclear waste deposit investment finance. Also, member in the steering committee of the Global Threats Study Network DoD project lead by Virginia Tech, USA.** Development of integrated approach for ecological city build up in terms of energy, water, transport, building insulation and overall city dynamics with application on a small city in Romnaia. Member of the team that wrote the WEC Energy and Climate change Report, Nuclear Power after Fukushima Report and of the Study Group of WEC on Energy Scenarios till 2050, also the Sustainable Development Strategy of Romania. Professor at Hyperion University Bucharest.

**Senior CC specialist within the World Bank RAS on Climate Change for the Ministry of Environment and Climate Change.**

Coordination of nuclear field activities as President -State Secretary of the Nuclear Agency of Romania.  
**Implementation of IAEA MESSAGE model in Romania**

Energy technology and SMR research monitoring, also exec.director of the Center for Energy and Environment under the Romanian Academy and president of the Romanian Association for Energy and Economy. Member of the EU Commission Advisory Group for Energy, Member of the Prime Minister Advisory Council for Sustainable Development (present).

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**Adv.Min.Env.; Adv.Min.Ec. Consultant; Director trans.struct.**

Min.Env.; Min.Ec. MARSH, USAID-USEA, MVV, ITOCHU, Emission Control

1 Jan 2000 – 30 Nov 2004 Bucharest Romania

In charge of emission reduction strategy and energy related activities also related to critical infrastructures and nuclear risks

**Responsibilities in climate change and energy and loan management and planning including administrative, structural and financial tasks related to IFI and EU funding.** Also training on risk analysis and climate change in energy systems for masters of science.

Technical assistance activity on Energy (Oil&Gas, Power, Heat, Regulatory, Privatization, etc.) projects financed by the EU programs in the Romanian economy

Study on the DH strategy of Romania for the Ministry of Public Administration and Interior

Study, for USEA, on the way vertically integrated power monopolies had been unbundled in East Europe and USA Report presented to the Balkan country ministers and power companies

Technical Assistance to EPS (Serbian power company). Close collaboration with EAR, EPS enabling thorough overview of the entire situation of Serbia's power industry rehabilitation.

Structuring projects resulting in GHG emission reduction. Build-up of institutional framework for the implementation of the KP mechanisms in Romania and cooperation with IETA (International Emission Trading Association) in Geneva for comments on EU documents in the field (e.g. ET Directive).

Consultancy for transit Caspian oil pipelines EU INOGATE Expert with the group who made the Economic Strategy of Romania; and expert advisory activity with the Parliament of Romania on energy law and with the Ministry of Economics and the one of Public Administration on DH strategy and

**project structuring and finance**; also various consultancy in risk analysis for energy companies e.g. ITOCHU, MARSH, OPCOM, Transelectrica. Teaching courses on risk analysis and decision theory in the Polytechnic University of Bucharest Advanced Studies.

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### **Project Officer; Associate Researcher**

The World Bank Group; ICTP Trieste

1 Jan 1996 – 31 Dec 1999 Bucharest Washington D.C. Trieste Romania

Senior Energy Specialist in the Team which redesigned the Transmission and Distribution Power Project of the World Bank in Albania. Also doing energy system evaluation in Kosovo, including DH, for the UNMIK. Senior Energy and Infrastructure Specialist in the IFC team in charge with transactions on IPPs (CHP plants in Romania) and privatization of the Water Company of Bucharest. Project Officer. In the team of Energy and Railways projects (363+411M\$) and with Procurement (WB and FIDIC). Analysis and evaluation of energy sector reform/privatization and development strategies, including regulatory framework setup, and identification of new projects in the energy sector in joint work with the IFC, toward the creation of private power distribution and municipal CHP generation companies. **Balance Sheet Cash Flow and investment analysis for the assessment of Loan payment risk.** Associate researcher at ICTP Trieste.

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### **Dir.Int'l Cooperation**

RENEL Ro.Power Co.

1 May 1992 – 31 Dec 1995 Bucharest Romania

In charge of the assistance programs for the whole company. Tasks; to identify the projects in the power industry (power and heat) and to develop and secure their financing from local and foreign sources with a view to minimize risks. Risk assessment on Combined Heat and Power Plants, as a basis for the strategy and policy of the company. Teaching courses on risk related issues in energy and environment in the Polytechnic University of Bucharest. **Coordinating in Romania the EURIO EU program for the implementation of MARKAL and EFOM models for energy strategy and data networking.** Coordinator of the Utility Partnership Programs (USEA-USAID).

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### **Int'l researcher**

ENEA

1 Apr 1989 – 30 Apr 1992 Rome Italy

Determining the optimal energetic, environmental and socio-economic strategies, for Energy and Environmental technologies, based on risk and impact studies. Work with the Italian International Panel on Climate Change group for the preparation of Rio'92.

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### **Senior Engineer**

IMGB- nuclear Equipment Factory

1 Sep 1979 – 31 Mar 1989 Bucharest Romania

**Senior engineer, manager of the joint AECL(Canada)-IMGB (Heavy Machine Works of Bucharest) group for the quality engineering of the CANDU fuel channel components manufacturing for the Nuclear Power Plant in Cernavoda. Organization, development and implementation of the QA system in IMGB as per ASME and CSA Z299.0-4 standards, methods. Development of neutron activation analysis and radiography methods in cooperation with IUCN Dubna. Member of the team that manufactured the CAOZ (emergency core cooling vessel) for VVER-440, and Heavy Water columns. Member of INTERATOMENERGO team for the safety codes of VVER-440 units.**

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Add work experience

Education and training

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#### **Doctor in Economics**

INCE romanian Academy

1 Oct 2002 – 30 Sep 2007 Calea 13 Septembrie nr.13 Bucharest

[www.acad.ro](http://www.acad.ro)

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#### **Doctor Inginer Energetica nucleara**

National Center for Physics - IFA

1 Oct 1982 – 30 Sep 1987 Str. Atomistilor nr.407, 077125 Magurele, Ilfov Romania

[www.ifa-mg.ro](http://www.ifa-mg.ro)

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#### **Inginer dipl.(nuclear)**

Universitatea Politehnica Bucuresti

15 Sep 1974 – 1 Jun 1979 Splaiul Independentei nr.313, 060042 Bucharest Romania

<https://upb.ro>

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Add education and training experiences

Language skills

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**Mother tongue(s)**

**Romanian** Mother tongue

**Other language(s)**

**English**

**Listening**

**C2 - Proficient user**

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**Reading**

**C2 - Proficient user**

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**Spoken interaction**

**C2 - Proficient user**

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**Spoken production**

**C2 - Proficient user**

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**Writing**

**C2 - Proficient user**

**French**

**Listening**

**C2 - Proficient user**

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**Reading**

**C2 - Proficient user**

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**Spoken interaction**

**C2 - Proficient user**

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**Spoken production**

**C2 - Proficient user**

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**Writing**

**C2 - Proficient user**

**Italian**

**Listening**

**C2 - Proficient user**

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**Reading**

**C2 - Proficient user**

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**Spoken interaction**

**C2 - Proficient user**

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**Spoken production**

**C2 - Proficient user**

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**Writing**

**C2 - Proficient user**

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Digital skills

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MS word  
MS Power Point

MS Excel  
Internet  
Skype  
LinkedIn  
@Risk  
iThink  
Message  
Markal

**Extensive negotiations skills and experience. Excellent communication skills. Excellent organizational capabilities. Team worker and leadership abilities. Management experience in the industry and in administration. International experience in the World Bank Group, EU-Commission advisory group for energy and WEC-London.**

**Driving license: B**

**JOB: member in Consiliul Consultativ pentru Dezvoltare Durabila Gov. of Romania;  
Professor univ.**