

## WF 3 Dynamic Resilience for Power and Gas Systems in the Region

### Ph.D Anca POPESCU Institute of Power Studies and Designs, Advisor

After graduating from the Faculty of Energy at the Bucharest Polytechnic University, she started her activity at the Institute of power Studies and Designs, where she is still an advisor to the director of the engineering department.

In 1992-2009 she was the technical director of the Energy Systems Division and in the period 2009-2013 she was the director of the Research-Development Department.

As a project manager and scientific coordinator, she participated in the accomplishment of important works in the fields:

- World Energy Assessment, Energy and Challenge of Sustainability” achieved in 2000 under the auspices of UNDP, UNDESA, WEC
- Energy Planning activity in Romania
- New strategy concerning the power field development in Romania
- Development of Fuel Policy: Energy Supply and Demand Study for Romania
- National Communications in the United Nation Framework Convention on ClimateChange
- Security of electricity supply in the framework of sustainable development in Romania
- The impact of financial factors over the developing strategies of electric and heat industry,
- RENEL’s outlook concerning Romania’s energy system integration in UCPTE energysystem
- Moldova- Romania Power Interconnection Project Feasibility Study

### Costel CONSTANTIN TRANSELECTRICA DEN, Manager of System Planning

**Costel Constantin** received his B.Sc. and Ph.D. degrees in power engineering from the University ”Politehnica” of Bucharest in 2008 and 2014.

Since 2008 he is employed for Romanian Power Grid Company ”Transelectrica” SA, in National Dispatching Center, currently in the position of Manager for System Planning. His fields of interest include power system operation and control, dynamics and system stability, FACTS devices, cross-border capacity and electricity market.

**Mihai SĂNDULEAC**  
**UPB – Power Engineering Faculty, Professor**

Mihai Sănduleac (Member, IEEE) received the MSc. degree in electrical engineering and the Ph.D. in expert systems for power networks, from the Polytechnic Institute of Bucharest in 1985, respectively in 1998. He also received in 2021 the habilitation in power systems for Hybrid AC/DC Power Systems for future resilient Smart cities and communities with low carbon emissions, based on SCADA systems, FACTS/FACDS and microgrids. Mihai worked at the Energy Research and Modernizing Institute ICEMENERG Bucharest in various positions, also as head of Research in Power Systems Laboratory. Mihai had various activities in the electrical energy sector, including with companies such as Landis&Gyr for metering systems and Siemens for Power Transmission and Distribution.

He is currently Associate Professor in University POLITEHNICA of Bucharest, Department of Electrical Power Systems, teaching various courses such as Advanced Techniques in Power Systems, Digital systems and SCADA in Power Systems and Storage technologies used in Power systems. He participated in the FP6 project FENIX, acted as technological manager in H2020 Nobel Grid and in H2020 Stor-age4Grid projects, while being involved in several other European projects, such as SUCCESS, RE-SERVE, NRG5, WISEGRID and WEDISTRICT. He published various papers and co-authored books in the energy field.

Sănduleac is member of IEEE, CIGRE, World Energy Council WEC and ETIP-SNET organizations, is active in the Romanian Standardisation body ASRO. He received the 2011 IEEE-PES Romania Chapter Outstanding Engineer Award.

**Elisabeta GHIDIU**  
**TRANSGAZ, Head of Corporate Strategy and Management Department**

Mrs. Elisabeta GHIDIU is the Head Of Corporate Strategy and Management Department, at Transgaz SA, ensuring the management of the activities regarding the budgetary strategy and development of the company, internal management control system, communication, public relations and mass media, the company's activity on the capital market, investor relations and rating agencies, corporate governance, social responsibility activity, administrative work and representation of the company.

She is a doctor of economics - Management specialization, at Bucharest University of Economic Studies - Faculty of Management. She also has a master degree in public policy and european integration, at the National School of Political and Administrative Studies SNSPA, Faculty of Political Sciences.

**Ion PETRONIU**  
**CE Oltenia, Director Investment Directorate**

Ion Petroniu - has been active in the energy sector for 35 years, the starting point being Rovinari. Subsequently, he successively held the management positions of the Development Strategies Department at the level of the Oltenia Energy Complex, and for 4 years he was a member of the Board of Directors of this company.

**Bogdan BĂDOI**  
**MONSSON, Electrical Specialist**

A dynamic and results oriented professional, having 12 years of experience in electrical engineering, mostly in the renewable sector, from which in the last 7 years activated in the Monsson Group where I managed the technical/electrical departments. Monsson is part of a group of companies which act as independent services providers in the renewable energy sector, especially within wind and solar industries, and which provide their services worldwide.

Proactive, value & result-oriented person specialized in field of Power Electrical Engineering, I'm passionate about delivering performance and I enjoy working with any aspect of a renewable project, including communicating at all organizational levels.

**Zsuzsa BERESCHI**  
**Horváth, Senior Project Manager**

Zsuzsa Bereschi is Senior Project Manager at Horváth, responsible for Energy and Green Transformation, with more than 12 years' experience in consulting. Her focus areas are strategy development, from concept to implementation plan, business model adaptation in energy, oil & gas and petrochemicals and supporting the transition towards a green and sustainable economy.

**Marian DOBRIN**  
**ISPE Design and Consulting, Head Of Department**

Dr. Marian DOBRIN is currently the Head of Studies and Project Financing Department within ISPE Design and Consulting – Romania. Over his career of more than 28 years in the energy field, he was involved in major projects of Romanian energy sector.

Dr. Marian DOBRIN is expert for energy and environment related policy, energy efficiency, RES integration in heating/cooling and electricity production, optimization of heat and electricity production and use, financial analysis of investment projects.

Dr. Marian DOBRIN participated in RDI projects co-financed under different EU or national programs like FP7, IEE, RFCS, BS-ERA.NET, Horizon, etc.

**Daniel VLĂSCEANU**  
**Leonidas Energy, Managing Director**

Daniel Vlasceanu is, at the base, a lawyer specialized in energy and environment, with a focus on the renewable industry. Prior to the establishment of the law firm Vlasceanu, Nyerges and Associates, Daniel coordinated various legal services within the legal Department of OMV Petrom, the largest energy company in Central and South-Eastern Europe. Also within OMV Petrom, Daniel moved to the Business Development Department, where he coordinated, as a project manager, the commercial activity of several strategic projects of national importance.

Within Vlasceanu, Nyerges and Associates, Daniel coordinated the enabling activity of several energy operators in Romania and is currently involved in some of the largest renewable projects under development in Romania.

Daniel has a master's degree in business law (University of Bucharest), a master's degree in private international law (University of Vienna - Juridicum) and an MBA in energy from the Vienna University of Economics and Business.

Besides the law activity, Daniel coordinates the activity of Leonidas Energy, a developer specialized in the photovoltaic industry that currently has in analysis / secured / at different stages of development projects on 450 ha of land.