

## RTF 4 Innovation Insights - Technologies

### Cătălin STANCU Horváth, Senior Expert

**Cătălin Stancu** is a Senior Expert at Horváth, having over 25 years of experience in top executive and non-executive management roles in important Romanian companies operating in the energy sector. He has coordinated complex transformation projects, given his expertise in strategy, defining the operational model, digitalization, process optimization, product development and greenfield energy generating projects.

Some of his achievements include leading multiple M&A projects including projects overseeing the privatization of local utilities suppliers and defining as well as implementing digital transformation projects together with integrated performance management systems.

### Prof. Adrian CURAJ UEFISCDI, UNESCO Chair on Science and Innovation Policies

Adrian Curaj (born October 14, 1958) is a Romanian electrical engineer.

In 1983, Mr. Curaj graduated from the Faculty of Electronics and Telecommunications at Politehnica University of Bucharest. He holds a Ph.D. in Automatic Systems from the Politehnica University of Bucharest and a Master of Business Administration from ASEBUSS Bucharest and University of Washington in Seattle. He was granted a certificate in Business Administration - Global Management Program, from the Institute of Business and Public Administration of Bucharest, in partnership with Kennesaw State University.

He was the president of the National Authority for Scientific Research, with the rank of State Secretary, in 2009-2010. He was the advisor to Prime Minister Călin Popescu-Tăriceanu in the field of Science and Innovation, during 2007-2008.

Mr. Curaj has been working as a consultant with World Bank, UNESCO, UNIDO, ETF and EC for studies in Tertiary Education, Science and Innovation, and Foresight. He has been involved as project leader or expert in many research projects, most of them in research management, higher education management and foresight, areas where he also published scientific articles and books. Two of the inventions he is co-author received gold medals at the Geneva Invention Salon 2009 and 2013.

In 2000, Curaj was awarded the National Order of Merit as Officer for contributions to the development of science and innovation. In 2009 and 2013 he won gold medals at the International Exhibition of Inventions of Geneva and in 2014 he was included by Foreign Policy Romania in the Top 100 people who move the country forward – the innovation section. In 2010, Mr. Curaj became director of the Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI).

He is a professor at the University Politehnica of Bucharest, where he teaches in the research management department, and directs the university's Center for Strategic Management and Quality Assurance in Higher Education. He is also Head of The Department of UNESCO for Policies in Science and Innovation at the National University of Political Studies and Public Administration (SNSPA).

Adrian Curaj is the artisan and promoter of the "Laser Valley - Land of Lights" project, which involves the development of a smart city and a dynamic, innovative and entrepreneurial community around the ELI Nuclear Physics (ELI-NP) in Măgurele (Romania). In fact, Mr. Curaj was named in 2016 as a High Representative of the Prime Minister for the development of ecosystem based on science, innovation and entrepreneurship associated with the pan-European infrastructure of ELI-NP.

**Elena CARCADEA**  
**Head of Energy Department, National Research and Development Institute for  
Cryogenic and Isotopic Technologies**

**Professional experience**

march 2017-present

**CNHPC Director** ICSI Rm. Vâlcea, National Center for Hydrogen and Fuel Cells

**Main activities and responsibilities:**

- Coordinator of National Center for Hydrogen and Fuel Cells
- Management of research project developed in the NCHFC Management of human resources
- Defining research and development strategy of the centre
- Assure the financing funds for the activity – look for various call for projects and develop proposals

**Education and Training**

2002 - 2008

- Doctor in Mathematics - University of Pitești, Faculty of Mathematics-Informatics

January - October 2004

- Training in CFD modeling, Leeds University  
Modeling of fluid dynamics through porous media Learning the commercial CFD software, Fluent.

1998 - 1999

- Eco-Management Post-university degree, Technical University from Cluj Napoca, Romania in consortium with Minnesota University, SUA  
Eco-Management Sciences

October 1992- June 1997

- Bachelor degree, Pitesti University, Computer science and Mathematics Faculty  
Mathematics and Computer Science

**Elena MANTA**  
**SIEMENS Romania, Customer Service Manager**

Elena Manta is currently Customer Service Manager at Siemens, supporting Siemens AG in the development of the e-Mobility services business.

Graduated from UPB, Faculty of Electro-Energetics in 1995, Elena Manta started her activity at the Electricity Networks Branch in Constanta as a design engineer in the Electrical Stations Design team. Throughout her career she has held various roles in leading industrial companies such as Energobit, Siemens, Romelectro.

With a career of more than 25 years in the energy industry in Romania, Elena Manta is an experienced professional, over time being involved and coordinating numerous successful projects in the companies where she worked. Among the projects she has contributed to, we mention the development in Romania of the Siemens Global Center for customer support.

**Gimi Aurelian RIMBU**  
**ICPE CA, Head of Department for Environment, Energy and Climate Change**

Graduated the "Politehnica" University of Bucharest as Chemical Engineer by 1998 and the PhD program in Chemical Engineering by 2004. Started his professional career in 1998 as research assistant at the Institute for R&D in Electrical Engineering (SC ICPE SA Bucharest) and later at the National Institute for R&D in Electrical Engineering ICPE-CA in Bucharest (2004), going through all professional stages, finally becoming Senior Research Scientist 1<sup>st</sup> grade by 2011. He is elected Member of the Institute's Scientific Advisory Board since 2014 and appointed as the Head of Department for Environment, Energy and Climate Change since 2019.

His scientific activity is mainly focused on the applicative research. During his professional work, he has done extensive research in developing products and applications in the energy related technologies like batteries (e.g. Redox Flow and Li-ion), fuel cells (e.g. PEM and Direct Methanol), biotechnologies (e.g. Microbial Fuel Cells for wastewater treatment and energy harvesting) and also hydrogen production by electrolysis and hydrogen storage technologies. During his career he used to run successful research programs at different prestigious universities like: University of Bucharest (2005); Newcastle University (UK) (2003-2004 and 2006) and the University of the West of England - Bristol Bio-Energy Centre (UK) (2016-2017). He managed as project director, in national and international calls, a total budget over 10 million Euros, and gained over 20-year multidisciplinary scientific expertise as scientist and also extensive experience in the project planning, project implementation and R&D business development.

## **Burkhard von KIENITZ** **E. ON, CEO Processes**

### **Curriculum Vitae**

|                   |   |
|-------------------|---|
| Since 11/2016     | E.ON SE, Essen, Vice President COO Processes                                  |
| 06/2011 - 10/2016 | E.ON SE, Düsseldorf, Vice President Business Excellence                       |
| 05/2008 - 05/2011 | E.ON Energie AG, Munich, Country Manager Romania                              |
| 01/2006 - 04/2008 | E.ON Servicii România S.R.L., General Director                                |
| 09/1999 - 12/2005 | Avacon AG, Helmstedt, Head of Corporate Development                           |
| 02/1995 - 09/1999 | Landesgas AG, Sarstedt, Director for Sales and Energy Procurement (ppa)       |
| 05/1991 - 02/1995 | Treuhandanstalt, Berlin, Referent Privatization of East-Germany gas utilities |

### **Academic Qualification**

- Kammergericht Berlin: state examination, Attorney at law
- University of Göttingen & University of Bonn: Graduation in Legal Science
- IMD International Lausanne: General Management Development; Accelerating Business Performance

## **Ovidiu DEMETRESCU** **OCD Capital & Resource, Partner**

With an experience of over 18 years in the Insurance and Financial Services Industry, Ovidiu participated in several start-ups and directly managed two successful start-ups Segdwick Romania and London Brokers. He was a part of the start-up team of AIG Romania and provided support as one of the founding members of other companies in financial services and consulting. The last start up project involved is London Brokers where Ovidiu has combined his experience and expertise into bringing on the market the most professional insurance broking outfit.

His engineering experience (3+) in the early years of the career at Cernavoda Nuclear Power plant and the IMSAT general contractor have proved to be an asset in the future professional development of Ovidiu, laying the grounds for sound analytical and people skills required in the risk management and insurance industry. He has participated in numerous projects in various fields of Energy Industry (Oil & Gas, Power Generation and Transmission).

With the outstanding combination of engineering experience, risk management and insurance knowledge from both underwriting and a broking perspective, Ovidiu is one of the most desirable assets when contracting complex project risk management and insurance tasks for both Romanian and international operators.

### **Education:**

Harvard Business School – Executive education course – May 2009

Colegiul National de Aparare - Introduction In National Security - 2008-2009

University of South Carolina, Columbia, SC, USA , 1994 - Master of Business Administration (MBA) with concentration in Finance and International Business

International Management Center (IMC), Budapest, Hungary - 1993 Certificate in Management (first year of MBA program)

Polytechnic Institute, Bucharest, Romania -1988, Master of Science, Electrical Engineering

Ovidiu is Lector at the Romanian Insurance Academy since 2003

Active speaker at numerous conferences and workshops in risk management and insurance.

**Daniel MAREȘ**  
**Honeywell Romania, Sr. Sales Account Manager**

**Daniel Mares**, ESS Sales & business development Central Europe, Honeywell Process Solutions

Daniel is responsible for the business development and all related sales activities for the Energy Storage Solutions of Honeywell covering the Central Europe region.

Daniel joined Honeywell Romania in 2017 and has held the role of senior account manager at Honeywell Process Solutions. Prior to joining Honeywell, Daniel worked in the industrial industry having several sales roles including sales engineer, segment manager and sales manager. He holds a bachelor's degree in Inorganic Chemistry from the University of Bucharest.

**Wolfgang Klink**  
**Siemens Energy S.R.L, Director Decarbonized Solutions**

Wolfgang Klink is Director Decarbonized Solutions and Business Owner – Heat ReCycle Solutions at Siemens Energy S.R.L. in Bucharest, Romania. He works already more than 24 years for Siemens Energy in different functions and responsibilities. From 1997 to 2007 Mr. Klink worked as Proposal Manager and later Head of Proposal Engineering for turnkey utility steam power plant, all kind of industrial power plants, e.g. steam power plants, combined cycle power plants, biomass power plants. From 2007 to 2017 Mr. Klink managed different engineering departments like engineering of industrial steam turbine generator sets, ORC systems. From 2018 Mr. Klink works in the field of Decarbonized Solutions with main focus on decarbonization of the heat sector. One activity is Heat ReCycle Solutions focusing on small Combined Cycle Power Plants with Organic Rankine Cycle (ORC) technology instead of Steam Rankine Cycle (SCR). Since 2022 Mr. Klink is heading the Decarbonized Solution activities in Bucharest with main focus on decarbonization of the heat sector which includes Waste Heat Recovery and Industrial Heat Pumps.

**Anna Maria VASILE**  
**Association "Prahova with Hydrogen-Centre of Excellence PH2-CE, President**

Mrs. Anna Maria VASILE is the public administrator of Prahova County council. She was the executive director of the Environmental Protection Agency Prahova and an environmental commissioner at Prahova Environmental Guard. She was also executive director at the interinstitutional Relations Department of the Mayor's City Hall of Sector 4, Bucharest.

Mrs. Vasile is a PhD student in economics and has a bachelor's degree in Economics.

**Rareș HURGHÎȘ**  
**FEL Romania, Public Relations Manager**

Rareș Hurghiș, Ph.D., is a professional with a strong background in the energy industry, with over 8 years of expertise in strategy, business development, strategic projects, gained in two of the largest energy players in Romania. He has experience in energy distribution and supply, customer & energy solutions, and renewables.

Owns a Ph.D. in economics from Babeș-Bolyai University of Cluj-Napoca.

Since 2020, Rareș is member in FEL Romania Board, in charge with the Public Affairs.