

How to build Smart Energy Regions

Speakers

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Baden-Württemberg

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Katrin Schütz

State Secretary, Ministry of Economic Affairs, Labour and Housing, Baden-Württemberg

Katrin Schütz is the State Secretary for the Ministry of Economy, Labour and Housing in Baden-Württemberg. From 2006 to May 2016, she was a member of the State Parliament of Baden-Württemberg, the Financial and Economic Committee and the Science Committee, as well as Chair of the Integration Committee. Since 2009, Katrin Schütz has been the District Chair of the Women's Union Nordbaden and a member of the CDU Baden-Württemberg's Regional Board. From 2014 and 2016 she was also General Secretary of the CDU Baden-Württemberg. She was a member of the Karlsruhochschule GmbH Supervisory Board and the Board of Trustees of the Karlsruhe University of Applied Sciences from 2006 to May 2016. She is also Senator of the Junior Chamber International. Schütz is on the board of the Friends of the State Library of Baden, and Deputy Chair of the Friends of the Karlsruhe Rappennau e.V. Conservation Centre. She also is a member of the Advisory Board of the L-Bank Baden-Württemberg.

Frank Mentrup



Lord Mayor of Karlsruhe, Executive Chairman of the Karlsruhe TechnologyRegion (TRK)

Frank Mentrup has been Lord Mayor of Karlsruhe and Chairman of the Karlsruhe TechnologyRegion since 2013. Before being elected mayor by the people of Karlsruhe, Mentrup spent two years as political state secretary at the Baden-Württemberg Ministry of Education, Youth and Sports. He had been a member of the Baden-Württemberg State Parliament since 2006, sitting on the Finance Committee and playing an active role as education policy spokesperson for the Social Democratic Party (SPD) state parliamentary party on the Schools, Youth and Sports Committee. Mentrup's political career began when he joined the SPD in 1983. From 1994 to 2007 he was a member of the SPD group on Mannheim city council. In the 2004 municipal elections he achieved the best ever individual result, and in the 2006 state parliament elections he won the only direct mandate for the SPD anywhere in Baden-Württemberg. After studying medicine and completing his doctorate, Mentrup worked at the Central Institute for Mental Health in Mannheim from 1993 to 2006 and, following his family's relocation to Karlsruhe, at the Karlsruhe Municipal Hospital Paediatric and Adolescent Psychiatric Department from 2007 to 2011.

Maive Rute



Deputy Director-General, Directorate-General Joint Research Centre, European Commission

Maive Rute joined the European Commission in 2005 to become Director for the Promotion of SMEs and Entrepreneurship in DG Enterprise and Industry. She brought in her extensive management experience in the Estonian private and semi-public sector, notably five years as CEO of KredEx, the funding body for businesses, housing, innovation and export. In the Commission, Ms Rute also worked as Director for Biotechnologies and Agriculture Research and as Resource Director in DG Research and Innovation until April 2016. Ms Rute graduated as an agricultural economist from the Estonian University of Life Sciences. She holds an MBA from the Danube University, Austria, and received an MA in international politics from CERIS, Brussels.



Lambert van Nistelrooij

Member of the Committee on Regional Development, European Parliament

Lambert van Nistelrooij graduated cum laude in social geography from the Catholic University in Nijmegen. At the age of 24 he started as a member of the municipal council. From 1982 to 2004 Mr. Lambert was a member of the Provinciale en Gedeputeerde Staten in the Dutch region of Noord-Brabant. Mr. Lambert has been a Member of the European Parliament since 2004. As a member of the Dutch political party CDA, he is a MEP for the European People's Party. As an MEP he has focused on regional policy, research, innovation, energy and the Digital Agenda. Currently, he is a member of the Committee on Regional Development and a substitute member of the Committee on the Internal Market and Consumer Protection. He is coordinator of the Intergroup on Active Ageing. Lately Lambert has been working on the European Structural and Investment Funds as the main negotiator, the European Fund for Strategic Investments as rapporteur, and the Digital Single Market. He was the rapporteur for the Biobased Industry (BBI) initiative, that will run from 2014-2020 to boost the biobased developments in Europe.

Karl Greißing



Ministry of the Environment, Climate Protection and the Energy Sector, State of Baden-Württemberg

Karl Greißing joined the government of the State of Baden-Württemberg in 1990. He worked in leading positions for the State Ministry, responsible for European policies and international affairs, the Ministry of Economics, responsible for structural policies and regional planning and since 2006 for Energy and Housing. In 2011 he was appointed head of the energy department in the Ministry of the Environment, Climate Protection and the Energy Sector. Since then he is responsible for energy policy issues, energy performance of buildings, households and businesses, renewable energy sources, grid expansion and storage. Mr Greißing graduated in legal sciences from the University of Tübingen.

Karl-Friedrich Ziegahn



Head of Division "Natural and Built Environment", Karlsruhe Institute of Technology (KIT)

Mr. Ziegahn is a member of the Board of Directors of KIT, Karlsruhe Institute of Technology a merger of the former Technical University Karlsruhe and former Forschungszentrum Karlsruhe.

He is the Head of Division for "Natural and Built Environment", responsible for faculties (schools) on Civil Engineering, Geosciences, Environment Sciences and Architecture as well as for Helmholtz research programs "Renewable Energies" (RE), "Energy Efficiency" (EMR) and "Atmospheric and Climate Research" (ATMO).

He is also the chairman of KIC InnoEnergy SE within European Institute for Innovation and Technology (EIT) and a fellow of the USA Institute of Environmental Sciences and Technology IEST.



Heinz Ossenbrink

Head of Unit, Energy Efficiency and Renewables, Directorate-General Joint Research Centre, European Commission

Dr. Heinz Ossenbrink has a PhD in Nuclear Physics from Hahn Meitner Institute, Berlin and joined the European Commission's Joint Research Centre in 1982. He built up the JRC's activity on Photovoltaics when Europe started its research and pilot programme for Photovoltaic systems. In 1995 he became Head of the Unit for Renewable Energy, and expanded research and support activities to Energy Efficiency and Bio-Energy, notably Biofuels. His publications cover measurement and testing methods for photovoltaic generators, economic assessment of renewable energy, global environmental impacts of extended bio-fuel and bio-energy use and the economic assessment of Energy Efficiency policy as a means for Climate Change mitigation. Since 1995, he served as Programme Chair for the series of European Photovoltaic Solar Energy Conferences, and since 2005 also for the European Biomass Conferences.

Andreas Zucker



Knowledge for Energy Union, Directorate-General Joint Research Centre, European Commission

Andreas Zucker is working as an official of the European Commission at the JRC in Petten, Netherlands. His work includes Research and Policy advise on a number of topics related to energy storage, RES-E market integration, energy systems modelling and technology development. He has worked for two German utilities for more than 8 years on topics ranging from power generation investment projects, nuclear strategy, market analysis, corporate R&D and corporate strategy before joining the European Commission in May 2012.

Dogan Keles



Head of Research Group "Energy Markets and Energy System Analysis", Karlsruhe Institute for Technology – KIT

Dr. Dogan Keles graduated as industrial engineer from the Karlsruhe Institute of Technology (KIT) in 2006 and received his doctoral degree at the Economics Department of KIT in 2013 with summa cum laude. During his work at the KIT he analysed uncertainties in energy markets and developed methods to evaluate energy investments. During his research visit to University of California, Berkeley, he worked on stochastic modeling. Currently, Dogan Keles is head of the research group "energy markets and energy system analysis" at the Institute of Industrial Production (IIP) at the KIT and works on different projects on the design of energy markets, evaluation of energy technologies (under uncertainty) and modelling of energy systems. His studies resulted in different publications in peer-reviewed journals and conference proceedings.



Phil Jones

Chair of Architectural Science, Welsh School of Architecture, Cardiff University

Prof. Jones is Professor of Architectural Science at the Welsh School of Architecture, Cardiff University. He is chair of the Wales Low Carbon Research Institute and has led its Low Carbon Built Environment programme, including the SOLCER 'energy positive' house, the SOLCER retrofits, the sustainable building envelope demonstration project, and the development of urban scale energy modelling. He is Acting Director of Cardiff University's 'Energy Systems' University Research Institute (URI). He is a visiting research professor at Hong Kong University, and an international 'Master Academic' adviser on the Low Carbon Buildings '111' project at Tianjin University. He was appointed by the Welsh Government's to be the first chair of its Building Regulation Advisory Committee. He has chaired the COST Action (TU1104) on Smart Energy Regions (SmartER). Prof. Jones is also Chairman of the Board of Directors of Warm Wales, a community interest company formed to install energy efficiency measures to existing fuel poor housing in Wales.

Ales Gnamus



S3 Platform, Unit for Territorial Development, Directorate-General Joint Research Centre, European Commission

Dr. Ales Gnamus is a scientific policy analyst at JRC Seville since February 2008. Since January 2012 he is closely involved in the activities of the Smart Specialisation Platform. He has been working for the European Commission (DG RTD, DG REGIO, DG JRC) since 2004. He has long-standing analytical experience with European trans-regional and international S&T cooperation, renewable energy technologies, smart cities, eco-innovations and sustainability issues as a whole. His interests include policy analysis, benchmarking, qualitative and quantitative assessment of policies and on modern internet-based communication / dissemination information platforms. He holds a Ph.D. in natural sciences and had been previously working as researcher dealing with different research topics at universities and research institutes in various countries.

Bertrand Zuindeau



Project Manager, Regional Council Hauts-de-France, France

Bertrand Zuindeau has been an academic researcher for over 20 years. As an Economist, he specialized in the field of environmental economics and sustainable development. In 2011, he joined the Nord-Pas de Calais Regional Council, in the President's Cabinet, responsible for matters of higher education and research. In July 2015, he became project manager "Third Industrial Revolution", a policy that makes the link between energy transition, development of digital technology and new economic development models.



Jochen Ehlgötz

Executive Director, TechnologyRegion Karlsruhe (TRK)

Having served as executive director of the Karlsruhe TechnologyRegion (TRK) since 2006, Mr Ehlgötz is responsible for the region's economic and strategic development. He is in charge of strategic cooperation with partners in the fields of R&D, business, education, culture, politics and administration at regional level as well as across Europe. In addition, he is Head of Office for External Relations of the City of Karlsruhe and consults with the Lord Mayor on issues related to the city's international affairs and its strategic positioning.



Astrid Madsen

Process Manager Energy Transition, City of Rotterdam

Astrid Madsen has been working for the City of Rotterdam since 2000. She has been active on a wide range of topic; from head of department wastewater maintenance to head of department sport projects where she was responsible for the realisation of the Olympic Rowing Course in Rotterdam. In 2004 and 2009 she left the city to work abroad for Doctors without Borders. Now as process manager energy transition she works with many stakeholders to facilitate and coordinate the transition towards a CO2 emission free built environment. Ms Madsen holds a Master of Science degree from the Twente University, The Netherlands.



Nikola Kibritev

Director of the Sustainable Development Department, Ruse Municipality, Bulgaria

Mr. Kibritev joined the European Development Department of the Ruse Municipality in 2016. Previously he held managing positions at the Association of Danube River Municipalities and Association Regional Energy Agency in Ruse. Mr. Kibritev graduated as a Communication Equipment and Technologies Engineer from the Technical university of Sofia and holds a Master of Sciences in Electrical Engineering and Information Technologies from the Technical university of Dresden. Mr. Kibritev took part in a number of projects dealing with energy and water efficiency and is also the the author of various publication on energy consumption and efficiency.



Furio Honsell

Mayor of Udine, Italy

Furio Honsell, is full professor of Informatics at the University of Udine (ITALY) since 1990. From 2001 to 2008 he served as Rector of Udine University and has been President of the Science and Technology Park of Udine. In 2008 Honsell was elected Mayor of Udine (pop 100,000) with a centre-left coalition and re-elected in 2013. In 2009 he joined the Covenant of Mayors 2020 and recently the Mayors Adapt. He is vice-president of the Italian W.H.O. "Healthy Cities" Network. He is strongly committed to implementing policies for health and energy efficiency, combatting climate change and inequities, as well as promoting co-operation at International level. In 2015 he was elected President of the EU Covenant on Demographic Change. He is also President of "Giona", Italian national Association which promote public toy libraries and games.



Jeremy Draper

Energy Manager for Milton Keynes Council in the United Kingdom

Jeremy Draper has been the energy manager, in the sustainability section of the City of Milton Keynes, UK since 2000, having previously worked at other Local Authorities in the UK. His role includes responsibilities for reducing the council's energy use and wider environmental responsibilities to develop energy saving initiatives, strategies and policies for the city, for approval by the council's elected representatives. Previous projects include the creation of a local energy agency using EU in 1998; the development of a local Carbon Offset Fund and several other EU and UK financed projects. Jeremy Graduated from Warwick University in 1980 with a B.Sc. (Hons) in Environmental Sciences and has been involved in energy and environmental related working since then.

Heinz Wilkening



Unit for Energy Security, Distribution and Markets, Directorate-General Joint Research Centre, European Commission

Heinz Wilkening joined the Institute for Energy as a scientific technical officer in 2003. He was working at that time in the field of hydrogen safety performing simulations of hydrogen distribution and explosion processes. For this task he could use his previous experience in the German private and semi-public sector, where he worked also on hydrogen safety as well as fuel-cell development. Now Heinz Wilkening is working in the Energy Security, Systems and Market Unit mainly dealing with issues related to the energy transitions such performing simulations related to electricity self-consumption in private households. Heinz Wilkening graduated as mechanical engineer from the University of Hannover.

Christoph Schlenzig



Managing Director, Seven2one Informationssysteme GmbH, Member of the Board, Smart Grids-Plattform Baden-Württemberg

Christoph Schlenzig studied physics, energy management and systems engineering in Karlsruhe, Berlin and Seattle (USA) and got his engineering PhD in energy economics at the University of Stuttgart. From 1995 to 2001 he was head of the division for systems analysis and modelling at the Institute for Energy Economics and the Rational Use of Energy, University of Stuttgart. In 2001 he founded the company Seven2one Information Systems, Karlsruhe, as a spin-off from the University of Stuttgart, and transferred the Mesap technology to the energy industry. Mesap is specialized implementing solutions for the new business models emerging from the energy transition. He is board member of the Smart Grids Plattform Baden-Württemberg, a network of industry, science and politics with the aim of promoting the energy transition in Germany.



Dudley Stewart

General Secretary, Micro Electricity Generation Association, Ireland

From the Dublin Institute of Technology (DIT) in the early 1970's Dudley was hardened as post-Grad Field & Design Engineer in the French INPG (Grenoble, France). Having headed up Caritas and Oxfam Field Operations in the Energy-crisis Famine in Bangladesh in the mid-seventies, Dudley returned to Ireland to found one of the first ever dedicated Renewable Energy Companies. He is also a founding member of the Micro Electricity Generation Association (MEGA) which has brought together a community of common interest to create the State-supported Tallaght Smart Grid Test Bed. This involves small and large tech companies, communities and social agencies and is operated in partnership with South Dublin County Council and under the guidance of International Energy Research Centre (IERC – Tyndall National Institute). It is co-funded by enterprise, local authority, Sustainable Energy Authority of Ireland (SEAI) and Enterprise Ireland.

Eloy Álvarez Pelegrí

Director of the Energy Chair, Orkestra Basque Institute of Competitiveness

Eloy Álvarez Pelegrí is Director of the Energy Chair at Orkestra, the Basque Institute of Competitiveness, located at Deusto University in Bilbao, Spain. Dr. Álvarez received his PhD in Mining from the Higher Technical School for Mining of Madrid (ETSIMM). He holds a bachelor's Degree (five year course) in Economics and Business from the Complutense University of Madrid, and a Diploma in Business Studies from the London School of Economics.

He has spent his entire career in the field of energy. He had a long executive career at Union Fenosa in Spain, where he served as Director or Corporate Intelligence (in Gas Natural Fenosa); Director of Fuels; and Director of Planning, Economics and Control. He is member of the Royal Academy Engineering (RAI). He is member of the World Energy Resources Study Group of the World Energy Council (WEC) and the Energy Group of ELCANO, and of the Advisory Group of the Spanish Energy Club (ENERCLUB) and the Group of Experts of the Spanish Institute of Engineering. He was also member of the European Science and Technology Network on Unconventional Hydrocarbon Extraction Working Group 1 and Working Group 2 (Brussels). He has published more than 35 articles, various books and has given more than 100 public presentations.

Annette C. Hurst

Project Manager, Steinbeis-Europa-Zentrum

Annette Hurst is project manager for energy technologies since 2011 at Steinbeis-Europa-Zentrum (SEZ), an independent economic entity within the Steinbeis Foundation. She provides consultancy in business development and innovation strategies to SMEs. In the context of European projects she supports organizations in international cooperation, cross-border technology transfer, conception/coordination of European projects, IPR advisory services, and conducts technology-related analyses such as technology watch, market surveys, and feasibility studies. She manages the partnership of SEZ in the EU-project NETfficient on smart energy storage and management, being implemented on the island of Borkum. Ms Hurst has a doctorate in natural sciences, many years of research and coordination experience



from abroad. She is also a certified Science and Innovation Manager from the DHV Speyer.

Magdalene Häberle



Head of ERDF Coordination Unit (European Regional Development Fund), Ministry of Economic Affairs, Labour and Housing, Baden-Württemberg

After working overseas and in the private sector Magdalene Häberle joined the SME Policy Division in the Ministry of Economic Affairs in 1999. Since 2000 she headed Divisions dealing with Gender focused Economic Policy, Development Policy, Internationalization, Mobility and Logistics. As Head of the ERDF Governance Division, which is an intermediate body in the ERDF-System of BW, she is responsible for the implementation of a major part of the ERDF Operational Program in BW. The division is part of the Department for Industry, Innovation and applied Science, who is responsible for Innovation Policy, Industry Policy etc. and the implementation of dialogue oriented economic policy. She is RIS-Coordinator for the ERDF-OP of BW and has extensive experience with various types of EDP since 1993. Magdalene Häberle studied physics and chemistry at Stuttgart University with a degree in higher education.

Michail Gkoumas



Special Service for Strategy, Planning & Evaluation, Ministry of Economy, Development and Tourism, Greece

Mr. Gkoumas joined the Greek Ministry of Economy, Development & Tourism in 2007 and is currently a desk officer of the Special Service for Strategy, Planning and Evaluation. He has a portfolio of extensive experience in strategy, programme planning and evaluation (1991 – today). Mr. Gkoumas holds a Ph.D. in Energy Planning and a diploma in Engineering from the National Technical University of Athens. His current activities include, amongst others, coordinating of national and regional Smart Specialization Strategies (RIS3), as well as monitoring the EU policies for low carbon emissions.

Lothar Keck



Director fokus.energie e.V., Karlsruhe

Lothar Keck has 18 years of experience in the IT-Industry. During his career, he was responsible Manager for Development, Product Management and Sales at a Spin-Off of SAP in Walldorf. He is also the founder and CEO of a venture in the industry of renewable energy in Mannheim. Since 2014 Business Creation Manager at KIC InnoEnergy in Karlsruhe.



Norbert Höptner

Commissioner for Europe of the Ministry of Economic Affairs, Labour and Housing Baden-Württemberg and Director of Steinbeis-Europa-Zentrum

Norbert Höptner became Commissioner for Europe of the Ministry of Economic Affairs, Labour and Housing Baden-Württemberg in 2002. At the same time, he became Director of Steinbeis-Europa-Zentrum. In these positions, he is responsible for supporting the region's SMEs involvement in transnational technology cooperations and RTD projects as well as contributing to Baden-Württemberg's regional innovation strategy (e.g. as a member of the monitoring committee for EFRE). He is a keen ambassador for establishing cooperation networks between industry and the academic world both at home in Baden-Württemberg and throughout Europe. He studied Communications Engineering at the Technical University in Darmstadt and completed his PhD in Digital Signal Processing Systems at the University of Karlsruhe. He is Professor for Signal Processing at the University of Applied Sciences in Pforzheim (since 1989) - and ex-Dean - at the University of Applied Sciences in Pforzheim and conferred Honorary Professor of the Technical University of Cluj-Napoca (Romania) for his services to technology transfer in the region.

Orsola Irene Mautone



New energy technologies, innovation and clean coal, Directorate-General for Energy, European Commission

Orsola Irene Mautone works as a policy officer at the European Commission, DG Energy. She has extensive experience in innovation, environmental and industrial policies, gathered in international and government organisations. Before joining the European Commission where she has served in different DGs (Enterprise&Industry, Climate Action, Environment,) she worked as a Seconded National Expert from the Italian Ministry of Environment to the European Environment Agency in Denmark. She holds master's degrees in finance, environmental economics and environmental engineering.

Martin Sawillion



Head of Policy Issues & Funding, KEA, State Energy Agency of Baden-Württemberg

Martin Sawillion, born in 1964, accomplished his studies of mechanical engineering at the University of Hannover with focus on energy technology. Afterwards, he worked as scientific assistant on several energy industry projects at the Institute for Energy Economics and the Rational Use of Energy (IER) at the University of Stuttgart where he also achieved his graduation. In 1998, Mr. Sawillion joined the state energy agency KEA where he conducted a wide range of energy efficiency projects and later became authorized representative. In 2002, he played a major role in the design of the state grant programme "Klimaschutz-Plus" which turned out to be a seminal instrument of climate protection efforts in Baden-Württemberg still running nowadays. Here and in other projects, Mr. Sawillion acts as consultant for the Ministry of the Environment, Climate Protection and the Energy Sector Baden-Württemberg and thereby is e. g. involved in the update of the integrated energy and climate protection plan (IEKK). Furthermore, Mr. Sawillion supports climate protection activities of municipalities and cares for the network of regional energy agencies in Baden-Württemberg.



Agnese Presotto

Architect, responsible for the Environmental Management System in Udine, Italy

Agnese Presotto, is the responsible of the Environmental Management System under EMAS and ISO 14001 standard of the municipality and has important experiences in Local Agenda 21 processes, use of indicators, environmental assessments, international networking and project management at national level (project "CJASE" on sustainable building regulations) and European level with projects on promoting sustainability and energy efficiency on public buildings (project "SIGEA" LIFE environment 2002-05, project "Mapsharing" Interreg ITA-AUS 2007-13, project "Cyber Display" and project "Infinite solutions" IEE 2007-13; project CEC 5 Interreg Central Europe 2007-13; project "Cityfied", SCC 2007-13).



Jaroslav Klusák

Energy Manager, City of Litoměřice, Czech Republic

Jaroslav Klusák finished his Ph.D. studies at the University of Economics, Prague, Department of Environmental Economics in 2006. Since 2011 he works as energy manager of the City of Litoměřice. Jaroslav has practical experiences in the municipal energy since 2004, he publishes plenty of articles in the energy and energy management field. He worked in national and international projects such as MODEL, Sustainable local energy indicators, MARUEL, MAESTRO, READY 21, ProgRESsHEAT, POCACITO and others. He is a member of the Sustainable Energy Board of the Office of the Government of the Czech Republic.



Valerie Bahr

Steinbeis Europazentrum / Enterprise Europe Network

Valerie Bahr is project manager since 2004 and team manager since 2011 at Steinbeis-Europa-Zentrum, an independent economic entity within the Steinbeis Foundation. She provides consultancy in business development and innovation strategies to SMEs in the field of energy technologies. From 2010 to 2014 Ms. Bahr has coordinated the accompanying measure CONCERTO Premium that was assessing the results of the 22 projects covered by the EU initiative CONCERTO. The main goal was to market the CONCERTO sites as role models for using renewable energy sources, polygeneration and energy efficiency measures all over Europe. Between 2005 - 2011 she has been the co-coordinator of the EU project POLYCITY, an Integrated Project (FP6) on renewable energies and energy efficiency. Ms. Bahr was trained in Biology at the Eberhard-Karls-University in Tübingen and at the Duke University in USA, where she obtained a Diploma in Biology.



Ulla Engelmann

Head of Unit, International, Interinstitutional Relations and Outreach, Directorate-General Joint Research Centre, European Commission

Since 2010 Ulla Engelmann is Head of the International, Interinstitutional and Stakeholder Relations Unit of the European Commission's Joint Research Centre (JRC) in Brussels. Ulla Engelmann studied chemistry at the University of Karlsruhe, Germany and completed a PhD in analytical and radiochemistry at the National Research Centre in Karlsruhe in 1992. She started working at the JRC in Ispra, Italy in 1993, the first years in fusion research and from 1997 onwards she managed the public relations team. In 2004 she became JRC Head of the Internal and External communications Unit, based in Ispra and Brussels, responsible for strategic communication for all JRC sites. JRC is the European Commission's in-house science service and the only DG executing direct research, providing science advice to EU policy in a wide range of areas, including research on understanding the complex interactions between human activity and the physical environment, and how to manage strategic resources (water, land, forests, food, minerals, etc.) in a more sustainable manner. The JRC is supporting the EU policies with research dedicated to the assessment of the evolution and drivers of climate change.

Diego Pavía



Chief Executive Officer, KIC InnoEnergy

Diego Pavía graduated as electrical engineer, specialising in electronics and automation from the Polytechnical University of Madrid. His first professional experience was in 1988 as co-founder and CEO of a start-up called Knowledge Engineering, dealing with industrial controls systems using artificial intelligence and neural networks. Three years later Diego joined Sema Group, and started a long career with private companies. In SchlumbergerSema, Diego headed multicultural working groups internationally in the field of energy, with revenues of 650M\$. Between 2002 and 2010, Diego was the CEO of Atos Origin, a leading international IT service provider, where he was responsible for Spain and South America with 9000 employees, and an annual turnover of EUR 450 million. Since 2010, Diego has been CEO of KIC InnoEnergy.

Ralf Goldmann



Head of Energy and Solid Waste Division, EIB

Ralf is Head of Energy and Solid Waste Division within the Advisory Services - JASPERS Department of the EIB. Prior to joining the Bank, Ralf was Head of the national and international consulting divisions of the Berlin Energy Agency and, prior to that, Head of the Energy Division in a consultancy company in Luxembourg. Ralf holds a degree in mechanical engineering specialised in thermodynamics and has some 20 years' experience working in the energy efficiency sector.



Peter Heydebreck

Interreg Europe Policy Learning Platform

Prof. Dr. Peter Heydebreck accounts as Lead Manager for setting up and implementation of the new Interreg Europe Policy Learning Platforms, a tool to provide the Interreg Europe programme's knowledge to regional policy stakeholders. As founding partner and director of the international consulting firm inno AG he has extensive experience in the fields of regional development, innovation management, business creation and entrepreneurship. He moderates and supervises implementation projects to improve innovation and competitiveness of institutions and regions as well as public-private partnerships on regional, national and international level. He was external expert for the thematic capitalization of Interreg IVC and senior expert at the successful participation of Karlsruhe at the RegioWIN Competition. Peter Heydebreck also serves as Professor Adjungerad at the Technical University of Luleå (Sweden).



Kristine Kern

Leibniz Institute for Research on Society and Space (IRS)

Prof. Dr. Kristine Kern joined the Leibniz Institute for Research on Society and Space (IRS) in 2012. She holds degrees in Public Administration and in Economics as well as a PhD degree in Political Science from the Free University Berlin (FU Berlin). She worked as a senior researcher at the FU Berlin and the Social Science Center Berlin (WZB), as visiting professor at the University of Minnesota in Minneapolis (USA) and at Södertörn University in Huddinge (Sweden). Between 2008 and 2012 she was Universitair Docent at Wageningen University (The Netherlands) and from 2012 to 2016 affiliated professor at the University of Potsdam (Germany). Her current main research interests concentrate on sustainable development of cities and regions, (local and regional) climate and energy governance, transnational city networks and EU macro-regional strategies.

Commentators



Susanne Nies

Corporate Affairs Manager and member of the Executive Management Team of ENTSO-E

Susanne Nies is in charge of strategy and policy, communication and stakeholder relationship. Prior to this she was Head of Unit Energy Policy and Power Generation and Distribution with the European electricity sector association EURELECTRIC. She was formulating high level strategy on energy policy and power generation, in line with the Board's overall strategic guidance; led 12 industrial working groups on power generating technologies as well as cross-sector issues like Innovation, or Statistics and Trends.

German national by origin she holds a PhD and a habilitation from Bonn University, Berlin Free University, as well as Sciences Po Paris, in Political Sciences, as well as an economics degree from London School of Economics. Previously she was heading the French Institute for International Relations Brussels branch and was affiliated as a senior researcher to the energy programme of the institute; she has a long track of academic publication, affiliation to research and lecturing, as well as consulting.

Carsten Rothballer

Coordinator in ICLEI's Sustainable Resources, Climate and Resilience Team

Carsten Rothballer has been an expert at ICLEI Europe since 2009 addressing climate policy issues, with project experience in training, energy planning, integrated management and infrastructure, resilience, risk assessment and international networking on climate and energy issues. He supports local governments in Germany as well as throughout Europe in the development, improvement as well as financing of Sustainable Energy and Climate Action Plans (SECAPs) and Smart City solutions. To this end, he coordinates capacity building of political and technical decision-makers in all processes of urban climate and energy management. Furthermore and in this context, he develops stakeholder engagement and public relation strategies and concepts together with public authorities and accompanies their realization through moderation or expert input. General activities include monitoring current developments in international and European energy and climate policy, conducting advocacy on behalf of local governments at the Conference of the Parties (COP) and facilitating local-national dialogues.

Carsten worked in Brazil for several years as development worker and holds a M.A. in International Development from the University of Vienna, Austria.



Eddie Conroy

Architect, FRIAI

Eddie Conroy is County Architect with South Dublin County Council. With over 30 years' experience in the Local Authority sector, he has worked on a broad range of design projects – Housing, Public Buildings, Civic and Urban Design. A past winner of the RIAI Silver Medal for Housing and RIAI Annual Regional Awards, he has been a designer on the Adamstown and Clonburris new-towns (Strategic Development Zones), the Tallaght Town Centre Plan and the N7 Corridor Study. He is Energy Champion for South Dublin County Council and has been central to a number of multi-city EU energy programmes under Inter-Reg and Intelligent-energy Europe. He reviews and writes regularly for 'Irish



Architect' and is an enthusiast of housing design in the 1930's.

Helmut Strasser



SIR-Salzburg Institute of Regional Planning and Housing, Head of Energy Department

Helmut Strasser joined SIR- Salzburg Institute for Regional Planning and Housing in 2000 to build up and lead the energy-department. Main focus of work in the beginning was the development of the Austrian e5-programme for energy efficient municipalities in Austria, which later was developed as European Energy Award (eea). He is chairman of "e5-Austria", board member of the "Forum European Energy Award" and international Auditor of the eea. He has further expertise in implementation of energy strategies at community scale. On this topic he is leading the Annex 63 within the IEA-EBC programme. Helmut Strasser graduated at the Technical University of Vienna in Electrical Engineering and Energy Economics.

Oliver Deuschle



Innovation Manager and Business Developer Smart City at Energie Baden-Württemberg AG (EnBW AG)

Oliver Deuschle has a big experience in energy networks and infrastructure projects. Three years ago he started developing new business models for the disruptive energy market in Germany by creating a unit for business model innovation. Part of his job is enabling cooperate start-ups within EnBW and connecting to external partners in the field of smart cities. He is responsible for EnBW's approach by creating new business in urban infrastructure and Smart Cities.

Stéphane Dupas



Energy Cities

M. Stéphane DUPAS, joined Energy Cities in 2009 as Project Manager. First as Energy Cities' IMAGINE initiative coordinator, he has been working on facilitating exchange of experience in the field of local sustainable energy policies between European local authorities. Stéphane Dupas has mainly worked on multilevel governance issues and involvement of local stakeholders within urban development.

He has previous experience in managing transnational projects in an academic context as well as experience in regional environmental politics. He holds a social sciences education background in Environmental Governance (MSc) and in Urban and regional planning (MSc). He speaks French, English and German.

Jens Freudenberg



German Association for Housing, Urban and Spatial Development

Jens Freudenberg joined the German Association for Housing, Urban and Spatial Development in 2015. As neutral and non-for-profit platform for integrated urban development and housing, the association is actively involved in the political and professional dialogue. Jens Freudenberg is coordinating the working group energy, real estate and urban development in the association. Furthermore he is scientific coordinator in the field of energy efficient renewal of urban areas. He brought in his experience in implementing integrated urban

development projects on the community scale. He has further expertise in coordination of transnational cooperation projects for ten Years. Jens Freudenberg graduated at the Technical University of Berlin in urban and regional planning.

Peter Majer



Head of innovation in the business development department, badenova AG & Co. KG

After studying industrial engineering Peter Majer began his career in 1996 at Arthur Andersen Management Consulting in Stuttgart and Frankfurt. In 2001 he left the company as a knowledge manager, and moved to Fichtner Consulting & IT AG, where he worked as project manager and from 2006 onwards as general manager. During this time he was responsible for a number of merger and reorganization projects in energy and water utilities, which he supported not only in Germany but also in Albania, France, Qatar, Lithuania, Austria, Switzerland and the United Arab Emirates. In April 2008 he joined the badenova AG & Co. KG. There, he works as head of innovation in the business development department and founded in this position, inter alia, the division biomass / biogas and the team climate protection consultancy. He is currently assigned to lead an EU-funded project, covering the industrial areas of Freiburg, Lahr and Offenburg and more than 100 companies that will work together to optimize their energy and material flows.

Gerhard Walker



Project Manager Electric Mobility and Leader Competence Centre Smart Grids at Netze BW

Mr. Walker graduated the University of Stuttgart with a Masters in Electrical Engineering in 2013. He joined the Netze BW early 2013 as part of an industrial PhD program. At the Netze BW he has been responsible for coordinating research efforts into the effects electric mobility has on German low voltage distribution grids. Mr. Walker also represents the Netze BW at the federal association of energy and water companies in Berlin. As of July 2016 he is also responsible for the Competence Centre Smart Grids, operated by the Netze BW and its European subsidiaries. In an effort to improve the know-how transfer between departments of the various companies and exchange is facilitated on the most pressing topics for distribution system operators.

Olga Horn



Officer, Smart Cities, ICLEI – Local Governments for Sustainability

Olga Horn is Officer at ICLEI's Smart Cities team where she facilitates knowledge exchange and contributes to the organization's research activities on Smart Cities and city-business cooperation. Previously, Olga provided market-entry consulting services to renewable energy companies at the Canadian German Chamber of Industry and Commerce in Montreal, Canada. Olga holds a Master's degree in Environmental Studies and Sustainability Science from Lund University, Sweden, as well as a Bachelor's degree in Economics and Business Economics from Maastricht University, The Netherlands.

Notes



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