



European Energy Network

A voluntary network of European energy agencies

Online | 9 March 2023, 10:00 CET (*Check the time in your time zone*) | [Registrations open](#)

Decarbonising Industry & Businesses: what's new towards 2030?

The Industry sector is one of the largest energy consumers in the EU, accounting for about a fourth of the final energy consumption. European industries have made important progress to improve their energy efficiency and switch to low carbon energy sources; however, opportunities for saving energy remain in most enterprises. In March 2020, the New Industrial Strategy outlined how Europe will become greener, more circular and more digital while remaining competitive on the global stage. Between 2020 and 2023, together with the uptake of relevant technological processes and trends (digitalization, electrification, use of hydrogen), the industry & enterprises sector dealt with important natural, political and societal changes, which required to rethink policies, strategies and approaches. Taking stock of the mutated scenario, the new (February 2023) *Green Deal Industrial Plan for the Net-Zero Age* included as a pillar of the EU strategy the concept of competitiveness, to build a more supportive environment for the scaling up of the EU's manufacturing capacity for the net-zero technologies. A common factor to any recent policy, strategy and plan regarding the process of decarbonisation, is the prominent role played by Energy Efficiency.

This workshop has two main aims: to update the participants (National energy agencies, policy officers, researchers, and industry stakeholders) on core topics underlying the process of industrial decarbonization, as well as providing insights from an in-depth discussion on how to better support businesses and industry in a challenging scenario.

Agenda

9 March 2023 | Online | Agenda (*All times CET: Check the time in your time zone*)

10:00 – 10:15 | Welcome e-coffee

Opening Session

10:15 – 10:25 | **Nelson Lage** | President of the Board of Directors, **ADENE** & President of EnR 2022

10:25 – 10:35 | **Enrico Biele** | Chair of the EnR Industry & Enterprises Working Group, **ENEA**

2023 trends in the industry international agenda

10:35 – 10:55 | Energy Efficiency in Industry: highlights from the IEA energy Efficiency Report 2022

Hugo Salamanca, Energy Policy Analyst, **International Energy Agency**

Emma Mooney, Energy Analyst, **International Energy Agency**

10:55 – 11:15 | Hydrogen in energy decarbonisation scenarios: focus on industry

Jose Moya, Project leader, **Joint Research Centre, European Commission**

11:15 – 11:35 | The role of the National Energy Agencies in the process of Industrial Decarbonisation

Elliot Mari, Project Manager Industry Decarbonization, **ADEME**

Roundtable | Supporting Industry and Businesses: challenges for 2023 and beyond

11:35 – 12:40 | Moderator: **Enrico Biele**, Chair of the EnR Industry & Enterprises Working Group, **ENEA**

- **Stefan Buettner**, Chair of the Group of Experts in Energy Efficiency, **UNECE**
- **Rod Janssen**, Chair of the Energy Efficiency in Industry Working Group, **EEFIG**
- **Tsvetsomira Kulevska**, Director Coordination and Management of EE and RES, **SEDA**
- **Dietmar Gründig**, Head of Industry, **dena**
- **Roberta Boniotti**, Secretary General, **MEDENER**

Closing session

12:40 – 12:45 | Closing remarks



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Speaker info | Decarbonising Industry & Businesses: What's new towards 2030?

Opening Session

Nelson Lage | President of the Board of Directors, ADENE, Portugal & President of EnR 2022

(ADENE, Portuguese Energy Agency)

Nelson Lage is the President of the Board of Directors of the Portuguese Energy Agency, ADENE, and the President of European Energy Network, EnR, in 2022. Nelson Lage has a degree in Political Science - International Relations and an Executive Master in Management and Leadership Development (Católica Lisbon School of Business & Economics). He has 15 years of public sector experience in the fields of energy, innovation and international relations. He has served as an advisor in several governments. In 2011 he joined ADENE, Portuguese Energy Agency and is currently the President of the Board of Directors.

[LinkedIn Profile](#)
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Enrico Biele | Chair of EnR's Industry & Enterprises' Working Group, Programme Manager, ENEA

(ENEA, Italian National Agency for New Technologies, Energy and Sustainable Economic Development)

Enrico Biele is a Senior Energy Efficiency Expert, working as Programme Manager at the Italian National Energy Agency (ENEA). He holds an MBA from the Frankfurt School of Finance & Management and a MSc in Energy Engineering. Before joining ENEA, he worked for the Sustainable Energy Authority of Ireland and the Italian Federation for Energy Efficiency in the roles of programme executive, principal policy officer and energy analyst. Since 2019, he chairs the Industry & Enterprises working group of the European Network of the National Energy Agencies.

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Hugo Salamanca | Energy Policy Analyst, International Energy Agency



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Hugo Salamanca manages IEA's Energy Efficiency in Emerging Economies (E4) programme of work on industrial energy efficiency and in South Africa. Hugo has been working on industrial energy efficiency, supporting small and medium companies and large industrial plants, across sectors including petrochemicals, iron and steel, and the food industry carrying out energy audits, implementing ISO 50001 energy management systems and assisting in the finance of energy efficiency projects using the financial tools available. Hugo started his career working between France and China promoting large LNG storage technologies for ENGIE ensuring dialogue between Chinese companies, institutions, government bodies and partners to work towards promoting innovative solutions. Hugo holds a Master's Degree in Engineering in Energy and Environment from École Centrale de Nantes and a Master of Science in Environmental Science and Engineering from Tsinghua University.

Emma Mooney | Energy Analyst, Energy Efficiency Division, International Energy Agency



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Emma Mooney is an Energy Analyst at the Energy Efficiency Division of IEA. She has over 20 years of experience in sustainable energy, with a focus on industrial energy use and holds a PhD in Industrial Energy Efficiency, from the University of Limerick, Ireland.

Jose Moya | Project Leader - Energy Intensive Industry & Just Transition Mechanism, Joint Research Centre



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Jose Moya is a mining engineer that worked as a researcher at Universidad Politecnica de Madrid and as consultant in INDRA for 16 years before joining the European Commission in 2009. Since then, he has worked in the Joint Research Centre at Petten, The Netherlands, in energy-intensive industries related topics. He has also coordinated the JRC support to coal regions in transition.

Elliot Mari | Project Manager Industry Decarbonization, ADEME, France

(ADEME, The French Agency for Ecological Transition)



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Elliot Mari works as an Engineer in Industry Decarbonisation at ADEME, the French Agency for Ecological Transition. As part of the Industry Department, he develops sectoral and technological analysis to produce long-term decarbonisation scenarios for the French heavy industries. More specifically, Elliot leads the work on cement, steel and aluminium. He also provides technical expertise and advice on industrial projects in the context of the "France Relance" recovery plan and the "France 2030" investment plan.



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Roundtable | Supporting businesses and enterprises: challenges for 2023 and beyond

Moderator: Enrico Biele, Chair of EnR's Industry & Enterprises' Working Group

Stefan Buettner, Co-chair of the UN ECE Task Force on Industrial Energy Efficiency

(UNECE, United Nations Economic Commission for Europe, Working Group on Transforming the Extractive Industries for Sustainable Development)

Stefan M. Buettner is Director Global Strategy & Impact at the Institute for Energy Efficiency in Production (EEP) and chairs the *UN ECE Task Force on Industrial Energy Efficiency*, as well as the *UN ECE Group of Experts on Energy Efficiency*. As initiator of the *Energy Efficiency Barometer of Industry* (#EEBarometer) and project lead of the *Energy Efficiency Index of German Industry* (#EEIndex), he facilitates demand-side informed efficiency action. He also coordinates the joint activities of EEP and the Fraunhofer Institute for Manufacturing Engineering and Automation IPA to decarbonise industry. Stefan is working on multinational committees, such as the *Energy Efficiency Financial Institutions Group* (EEFIG), the *EU Covenant of Companies for Climate and Energy* (CCCE), the *UN ECE Committee on Sustainable Energy*, the *UN ECE Task Force on Carbon Neutrality* and as former coordinator of the G20 Energy Efficiency Task Groups on Industry and Finance on 'strategies to unleash energy productivity and decarbonisation potentials of industry'. In these, he has delivered over 150 speeches in 35+ countries.



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Rod Janssen | Working Group Leader Energy Efficiency in Industry, EEFIG

(EEFIG, Energy Efficiency Financial Institutions Group, European Commission)

Rod Janssen is an expert in sustainable energy policies and gives special focus to how to communicate sustainable energy issues to a wide variety of audiences. Since 1988 he has been an independent consultant based primarily in Paris, involved in Europe-wide energy efficiency and renewable energy policy analysis for more than two decades. Rod is President and Chairman of the Board of the Brussels-based not-for-profit organisation Energy Efficiency in Industrial Processes. For EEIP, he also chairs its work on financing and represents EEIP at the Energy Efficiency Financial Institutions Group (EEFIG), organised by the European Commission and UNEP FI. For EEFIG he led a working group on industrial energy efficiency and is now co-lead of one on accelerating consumer demand. Rod is also a board member of the European Council for an Energy Efficient Economy (eceee). Rod is editor of the independent blog on sustainability energy issues, Energy in Demand, to reach wider audiences globally through the use of the web and social media. It is now one of the most popular blogs on the zero carbon energy transition in Europe.



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Tsvetomira Kulevska | Director-General, Coordination and Management of Energy Efficiency and Renewable Energy Sources, SEDA, Bulgaria

(SEDA, Sustainable Energy Development Agency)

High level of expertise in the analysis of energy consumption and implemented energy efficiency policy measures, evaluation of improvements of energy efficiency and achieved energy savings. Provides methodological assistance in the implementation of obligations under the Bulgarian Energy Efficiency Act of the public and the local authorities, industrial systems and the energy suppliers. Interacts with the obligated parties under the Energy Efficiency Act and provides assistance in the implementation of activities and measures to improve energy efficiency at National and local level. Experience of long standing in drafting national reports, standpoints and positions on the implementation of EU directives in the field of energy efficiency and promotion the use of renewable energy. Organizes and participates in the preparation of the annual reports on the implementation of National Energy Efficiency Target according to Directive 2012/27/EC. Active participation in the process of transposition of EU legislation in the National legislation, as well as in the drafting of the integrated National Energy and Climate Plan and the National Long-term Renovation of Buildings Strategy.



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National Contact point for Concerted Action for the Energy Efficiency Directive (CA-EED) project and responsible person for the National team for the Concerted Action for the Energy Performance of Buildings Directive (CA-EPBD).



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Dietmar Gründig | Head of Industry, dena, Germany

(dena, German Energy Agency)

Dietmar Gründig is a Graduate Engineer in Industrial Engineering - Energy Technology. Has been responsible for the topic of energy transition in industry at dena since 2011. He heads dena's Industry Division and is responsible for projects and project modules for the target groups of industrial companies and industrial institutions. The projects and tasks include, for example, the establishment of a new competence centre and company location, the implementation of studies on industry-specific issues, company competitions, the implementation of expert events, numerous publications and statements as well as speaker activities on the topic of energy transition in industry, energy efficiency and restructuring of industrial value chains. Mr. Gründig is currently working as a leader for various national and international dena projects on the energy transition in industry, such as the stakeholder dialogue to accelerate industrial production capacities for renewable energies, the industry module of the national hydrogen strategy, the Energy Efficiency Awards and the establishment of a new competence centre on energy efficiency through digitalisation.



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Roberta Boniotti | Secretary-General, MEDENER

(MEDENER, Mediterranean Association of National Agencies for Energy Management)

Since 2010 Roberta Boniotti has been working as the Advisor on European and International Affairs at ENEA - the Italian National Agency for New Technologies, Energy and Sustainable Economic Development - in Brussels, maintaining key links with stakeholders in the EU institutions. Previously she was a Member of the Board of Directors and a Member of the Board of Auditors in several private research companies in Italy and Head of Unit "Company Relations Management" at ENEA Headquarters in Rome.

Roberta is an economist, holds a master's in business administration (MBA) from the University of Bologna, and has more than 20 years of experience in the sectors of energy, the environment, and sustainable economic development.



[@ContactMedener](#)

Roberta is a member of the Executive Working Group of TAFTIE, the European Association of leading National Innovation Agencies, a member of the Advisory Board of Sustainable Energy Investments Forums Initiative, ENEA's Representative in the network of European National Energy Agencies (EnR), and in EEFIG, the Energy Efficiency Financial Institutions Group. Since 2017 she has been working as the Secretary General of MEDENER, the Association of National Agencies for Energy Management in the Mediterranean Region.



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About the European Energy Network (EnR)

EnR is a voluntary network currently numbering twenty-four European energy agencies, with responsibility for the planning, management or review of national research, development, demonstration or dissemination programmes in the fields of energy efficiency and renewable energy and climate change abatement. It seeks to strengthen cooperation between member agencies and other European actors on all issues relevant to sustainable energy (energy efficiency, sustainable transport and renewable energy). International comparison and information sharing takes place primarily through our eight Working Groups, which are also open to relevant non-member organisations. As well as this exchange of information, EnR Working Groups serve as *fora* for the conception and implementation of successful common projects within the framework of EU-funded programmes.

EnR provides a first point of contact for national energy agencies in EU Member States. EnR dedicates its efforts towards joint activities where its unique character provides added value at both a European and individual Member State level. It provides a channel for pan-European technical support on matters of energy policy, strategy, evaluation, programme design & delivery and marketing communications.

ADENE, Portuguese Energy Agency, holds the Presidency of the European Energy Network (EnR) in 2022. During its annual mandate, ADENE aims to leverage the work undertaken by previous presidencies, laying out an ambitious agenda and contributing to public policy design that drives forward the energy and digital transition of the EU. The Portuguese Presidency of EnR will focus on five thematic areas:

- **Energy Poverty** | Contribute to achieve the goals set out in EU's European Green Deal and Renovation Wave, focusing on the role of renewable energies in the fight against energy poverty;
- **Renewable Energy Communities** – Contribute to implement the Clean Energy Package by promoting renewable energy communities, focusing on business models that can foster wider adoption;
- **Water-Energy Nexus** | Drive a more efficient use of resources through discussion around the water-energy nexus, focusing on innovative financing mechanisms and on consumer willingness-to-choose for combined savings' opportunities;
- **Green Jobs** | Contribute to strengthening sustainable competitiveness and the just transition to a green economy, by outlining market needs and solutions to implement new professional profiles;
- **International Cooperation** | Promote existing cooperation initiatives by EnR members and foster new synergies, with a focus on EU-Africa exchanges, encouraging discussion on multi-level governance models.

Underpinning the five thematic areas, ADENE will highlight three major axes (**youth, territories, and digitalisation**), that will be present in all activities to be developed, including several studies and publications, highlighting the role of energy agencies in the referred topics. These will contribute to the European energy and climate agenda, namely to #EUGreenDeal, #RenovationWave, #EUSkillsAgenda, #EUAfricaPartnership.

Nelson Lage, President of the Board of Directors of ADENE, presides the EnR Presidency 2022 and the Troika Plus 2022, composed by the current (ADENE, PT), past (ADEME, FR) and future (dena, DE) presidencies, and joined by a former presidency holder (RVO, NL).

Find out more at:



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Agência para a Energia

About ADENE – Portuguese Energy Agency

ADENE is a private non-profit association with public utility, which develops its activity in the context of the public interest in the energy sector and its interfaces with other sectorial policies, articulated with other entities in this field, including energy efficiency, mobility, water efficiency and in the development of the nexus water-energy, under the tutelage of the Secretary of State for Environment and Energy and the Ministry of Environment and Climate Action. ADENE also has a major role as an aggregating institution that mobilises and dynamises the application of public policies, an excellent partner of the business and associative sector, close to the citizen, contributing to strengthen Portugal's position at the forefront of decarbonization and energy transition.