

## Summary report: stakeholder workshop on revision of red II

Conclusions from the workshop. The revision of RED II will look at

- The main objective of the revision is to ensure a framework that will allow Member States to achieve the new target of 55% reduction of GHG emissions compared to 1990s levels.
- Increased Renewable Energy target is needed – probably between 38 to 40 % by 2030
- A new target for transport is needed, as well as for heating and cooling. The impact assessment will study the impact of different more ambitious targets.
- To decarbonize industry, it is still unclear whether a renewable energy target is needed because other instruments or enabling conditions could better achieve the decarbonization. The impact assessment will study the impact of different options. Energy efficiency is the first principle to decarbonize industry for the Commission. However, according to CEFIC, full electrification will raise consumption and reduce efficiency.
- Understanding how the RED II should prepare the ground for hydrogen. Is a target needed or is it better to adopt only enabling measures, such as a first certification scheme? The impact assessment will evaluate different options
- They Commission wants to strengthen the sustainability criteria. However, the main focus of the assessment should be on forestry rather than on agriculture. The impact assessment will evaluate different options. The impact assessment will also evaluate how to better promote production of advanced biofuels by extending the list of Annex IX.
- Reducing air pollutants, ensuring green jobs, reducing energy costs and securing energy supply are other important objectives, on top of reaching the 55% reduction of GHG emissions compared to 1990s levels.

In general, the industry asked to be careful when revising the directive and to ensure a framework which could reassure investors and investments.

The 3<sup>rd</sup> Session on renewable energy in transport sector was moderated by Bernd Krupkner (DG ENER, European Commission). The main focus of the discussion was on biofuels. Honorable mention for Mr. Paul Durrant, Head of End-use Sectors & Bioenergy, IRENA who said

- Electric cars will dominate the market but from here to 2030 it is very likely that the majority of cars on the street will still be combustion engine cars
- Hydrogen will not manage to contribute to the transport sector in 2030. Setting a target already on hydrogen might be very premature. The best that the European Commission can do for hydrogen is to set the enabling conditions preparing for it to come by 2040
- Biomass have a major role to play to decarbonize transport sector and they are crucial for the LNG transition.

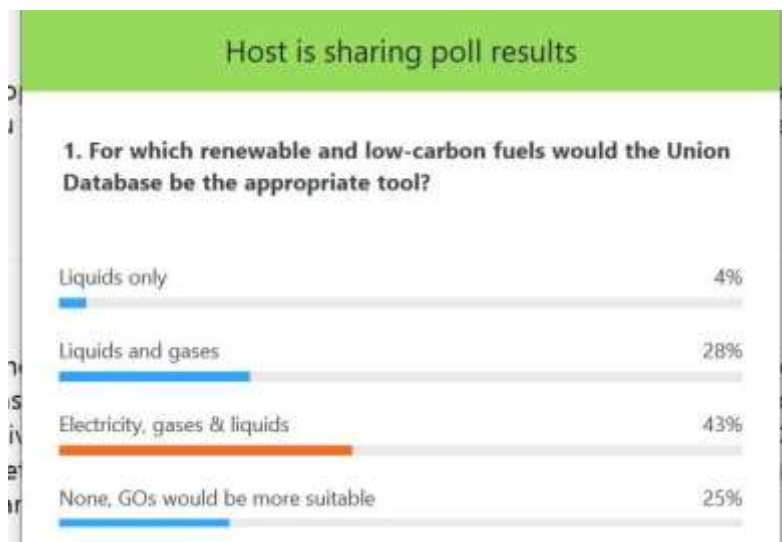
Mr. Simon Bergulf, Director of regulatory affairs, Maersk said that maritime sectors consume 11 million tonnes of fuels a year. They want to decarbonize but they need to have their efforts rewarded.

Mr. Maarten Van Haute, Alternative Fuels Officer, Q8 said that for fuel suppliers the current RED II is a mess: there are a lot of non-harmonized procedures across the Member States to place the fuels on the market. This situation makes intra EU trade very complicated and should be corrected.

The 7<sup>th</sup> session on certification was moderated by Mr Galin Gentchev (GD ENER, European Commission). The main outcome from the discussion is that GOs and Certifications should be merged in a single fair, transparent, credible, well-functioning, centralized and harmonized system, that avoids double counting, that enables trust, verification, and that provides already understanding of what happens in situations of “no compliance”. The current legal framework fails to clarify this last point. There is a risk that if the EU framework is not enhanced and strengthened, member states will implement very differently all requirements. It is much better if the entire system is centralized at EU level.

Honourable mention: Sascha Alberici from Navigant recommended to adapt the certification system in a way that enables cross border trading of biomethane in the EU.

**Figure 1 (Polls from the stakeholders workshop)**



**Figure 2 (Polls from the stakeholder workshop)**





## Annex I – Panellists profiles





**Stakeholder workshop for the revision of Directive 2018/2001**

**Friday, 11 December 2020; 10:00 – 18:00, CET**

### Panellists

#### Morning session

<b>Opening and introduction</b>	<b>Ditte Juul Jørgensen, Director-General, DG Energy, European Commission</b>
<b>Session 1</b>	<b>Moderator: Paula Abreu Marques, Head of Unit for Renewables and CCS Policy, DG Energy, European Commission</b>
The role of renewables in 2030 on the way to a carbon-neutral economy	
 <p><b>Dolf Gielen</b> Director, IRENA Innovation and Technology Centre</p>	<p>Dolf Gielen is IRENA director for Innovation and Technology since 2011. He worked previously in UN and IEA. As director of the IRENA Innovation and Technology Centre in Bonn, Dolf Gielen oversees the agency's work on advising member countries in energy transitions, renewable energy, technology status and roadmaps, energy planning, cost and markets and innovation policy frameworks. Before joining IRENA, Dolf Gielen was Chief of the Energy Efficiency and Policy Unit at the United Nations Industrial Development Organization (UNIDO). From 2002 till 2009, he was a Senior Energy Technology Policy Analyst at the International Energy Agency. He has a PhD from Delft University of Technology in the Netherlands.</p>
 <p><b>Günter Hörmandinger</b> Deputy Executive Director, Agora Verkehrswende</p>	<p>Günter Hörmandinger joined Agora Verkehrswende as Deputy Director at the beginning of 2019. He previously worked for almost 20 years at the European Commission's Directorate-General for the Environment, where he was responsible for the environmental effects of transport policy and also helped to negotiate the first EU Regulation to limit the carbon emissions of passenger cars. He also assisted with the adoption of vehicle emission standards (Euro 5/6 for cars and Euro V/VI for trucks). From 2010 to 2014 he served as an EU environmental policy diplomat in Washington, D.C. Prior to joining the EU Commission, he worked in London as a consultant in the area of new vehicle and fuel technologies. Günter Hörmandinger holds a PhD in Physics from the Vienna University of Technology as well as an MSc in Environmental Technology from Imperial College, London.</p>



**Philipp Offenberg**  
*Program Manager, Europe*  
at Breakthrough Energy

Philipp has been Program Manager at Europe at Breakthrough Energy since January 2020. Breakthrough Energy (BE) was established in 2015 by Bill Gates and a coalition of private investors concerned about the impacts of accelerating climate change, Breakthrough Energy supports the innovations that will lead the world to net-zero emissions. BE is a network of entities and initiatives, including investment funds, non-profit and philanthropic programs, and policy efforts linked by a common commitment to scale the technologies we need to achieve a path to net-zero emissions by 2050.

From 2016-2020 Philipp was the adviser on energy and climate change at the European Political Strategy Centre (EPSC), the European Commission's in-house think tank, which operated under the direct authority of President Jean-Claude Juncker.

Prior to that he held different roles in management consulting (Accenture) and the German energy sector. Mr. Offenberg graduated from the Hertie School of Governance in Berlin.





**Simone Mori**  
*Head of Europe,*  
*Executive Vice President,*  
Enel

Simone Mori is Head of Europe at the Enel Group. This is one of the world's leading integrated electricity operators, with a presence in over 30 countries and around 74 million end users globally. In his role, he is responsible for the Group's advocacy activity towards European institutions and he oversees operations in several countries in Europe where the Group is present, including Russia, Romania and Greece.

Over the years he has held various positions within the Group and has been responsible for European Affairs, for Regulatory Affairs, Environment, Innovation and for Carbon Strategy. He has served on the board of Enel companies both in Italy and abroad and is currently a board member of Enel Russia and Slovak Power Holding, in addition to being member of the scientific committee of the Enel Foundation.

Simone Mori has held leadership positions in business associations such as Assoelettrica and Elettricità Futura, the latter being the first example in Europe of integration among power operators from conventional and renewable sources. He has been in charge of the Energy Committee of the Business Association of Milan and Rome and of Confindustria. He is a board member of Bruegel, a European think tank, of the Centre on Regulation in Europe and of the scientific committee of the EastWest European Institute. He has also been a Senior Transatlantic Fellow of the German Marshall Fund of the US and a member of the General Assembly and the Executive Committee of Observatoire Méditerranéen de l'Énergie.

He lectures in Economics and Management of Energy Sources at La Sapienza and LUISS Guido Carli Universities in Rome. He has a degree in Physics and an MBA.

<p><b>Session 2</b>  <b>Renewable energy in Heating and Cooling, Buildings and District Heating</b></p>	<p><b>Moderator: Eva Hoos, Policy officer, Renewables and CCS policy, DG Energy, European Commission</b></p>
 <p><b>Brian Vad Mathiesen</b>  <i>Coordinator of Heat Roadmap Europe, Aalborg University</i></p>	<p>Brian Vad Mathiesen, Professor in Energy Planning and Renewable Energy Systems at Aalborg University, holds a PhD in fuel cells and electrolyzers in future energy systems (2008). His research focuses on technological and socioeconomic transitions to renewables, energy storage, large-scale renewable energy integration and the design of 100% renewable energy systems. He is one of the leading researchers behind the concepts of Smart Energy Systems and electrofuels. He is on the Clarivate, Web of Science Highly Cited list (2015-2020), thus among the top 1% most cited researchers globally. Among other positions, he is member of the EU Commission expert group on electricity interconnection targets in the EU and The newly founded Science Advice for Policy by European Academies (SAPEA) Expert Group on A Systemic Approach For the Energy Transition In Europe. He is the Research Coordinator of the Sustainable Energy Planning Research group, Principal Investigator (PI) of the RE-INVEST and sEnergies projects, and Program Director for the MSc in Sustainable Cities. He has been PI, work package leader and participant in more than 60 research projects as well as editorial board member of The Journal of Energy Storage (Elsevier) and The Journal of Sustainable Development of Energy, Water &amp; Environment Systems; Associate Editor of Energy, Ecology and Environment (Springer) and Editor of the International Journal of Sustainable Energy Planning and Management. Recently he started the new Elsevier Journal Smart Energy. Furthermore, he is a member of The Danish Academy of Technical Sciences (ATV) and a board member at The Danish Energy Technology Development and Demonstration Program (EUDP).</p>
 <p><b>Andrej Jentsch</b>  <i>Operating Agent, IEA Technology Collaboration Programme on District Heating and Cooling, including Combined Heat and Power</i></p>	<p>Andrej got his PhD in energy engineering from the Technical University of Berlin in 2010. The focus of his work has been the comprehensive assessment and comparison of technology combinations.</p> <p>He has found that exergy analysis helps answer many questions about the energy transitions scientifically. Andrej is an advocate for strong international action on climate change.</p> <p>He sees district heating and cooling as an integral foundation of a smart energy system of the future.</p>





**Patrik Pizinger**  
*Mayor, City of Chodov,  
Czech Republic*

Patrik Pizinger has been mayor of Chodov since 2014 and has been involved in communal politics since 2000.

At present, in addition to the city administration, Pizinger is also engaged in inter-municipal cooperation in the region. He is the chairman of the Sokolov East Microregion and the President of Euregio Egrensis.

He also carries out the mandate of a representative of the Karlovy Vary region.



**JP Prendergast**  
*Chairman, Claremorris  
and Western District  
Energy Co-  
Operative*

Chair of Claremorris and Western District Energy Co-Operative - First Community to successfully win the Renewable Electricity Support Scheme auction in Ireland with a 5 MW Solar Project (2020).

Developing the first community owned DH project in the West of Ireland.

Founder of Community Power - Ireland first 100% community owned energy generator, Empowering people across Ireland to generate their own renewable energy projects – owned, operated and controlled by communities (wind/solar/Hydro/AD).

Chair of the Renewable Gas Forum Ireland - Developing policy and supports for the renewable gas including Bio methane and Green Hydrogen industry in Ireland aiming to produce at least 12% of current gas demand as renewable gas by 2030.

Co-Author/Executive of the Interreg Project BioWill - BioWILL is a Interreg NWE funded project focusing on Integrated "Zero Waste" Biorefinery utilising all fractions of Willow feedstock for the production of high to medium based Bio-Chemicals/Materials, Renewable Energy in the form of Bio Methane production and Natural Fertilisers.





**Philippe Dumas**  
*Secretary General, EGEC*

Philippe Dumas first worked in a European engineering company as representative in Brussels for EU affairs (2000-2007). He was first involved in geothermal energy with EGEC, starting as project manager for European projects and for the EU energy policies.

Since September 2008, he is the EGEC Secretary general in Brussels managing the association. The European Geothermal Energy Council (EGEC) is an international association, founded in May 1998 and based in Brussels, Belgium. EGEC unites more than 120 companies and organizations, representing more than 500 entities from 25 European countries, working in the geothermal field in Europe. The main goal of EGEC is to foster market development for geothermal energy and to work for improvement of business conditions in Europe.



<b>Session 3</b> <b>Renewable energy in transport</b>	<b>Moderator: Bernd Kuepker, <i>Policy officer, Renewables and CCS policy</i>, DG Energy, European Commission</b>
 <p data-bbox="156 728 489 817"> <b>Paul Durrant</b>  <i>Head of End-use Sectors &amp; Bioenergy, IRENA</i> </p>	<p data-bbox="539 280 1273 952"> Paul joined IRENA’s Innovation &amp; Technology Centre in Germany in 2018 after 20 years working for the UK government shaping UK and international innovation policies and programmes. In IRENA he initially led on innovation strategy and engagement with the aim of fostering deeper international partnership working to accelerate the adoption of the renewable energy technologies. Since May 2020 Paul leads IRENA’s End-use Sectors &amp; Bioenergy team, which supports IRENA’s member countries and the wider community in making maximum use of renewables in the industry &amp; transport sectors and in maximizing the sustainable use of biomass in national energy transitions. Paul graduated with a PhD in Nuclear Physics from the UK’s University of Southampton before taking on technology policy roles in the UK Home Office and Department for Transport. For 10 years, Paul led on Energy Innovation Policy &amp; Strategy in the UK’s Department of Energy &amp; Climate Change and the Department of Business, Energy &amp; Industrial Strategy. From Autumn 2015 onwards Paul led UK engagement with the Mission Innovation initiative and later was the head of Mission Innovation’s Secretariat. </p>
 <p data-bbox="172 1366 474 1489"> <b>Geert Decock</b>  <i>Manager, Electricity and Energy, Transport &amp; Environment</i> </p>	<p data-bbox="539 994 1265 1171"> Geert joined T&amp;E in July 2019 after a decade in advocacy roles in Brussels for organisations representing civil society and industry. Geert leads T&amp;E’s work on policies that will enable the electricity grid to integrate the millions of electric vehicles that will hit the EU’s roads in the coming years. </p> <p data-bbox="539 1200 1262 1317"> Geert hails from Belgium, but also has Canadian citizenship. He holds a law degree from the University of Ghent, a masters in European studies from KU Leuven and a PhD in political science from the University of Alberta. </p>



**Gloria Gaupmann**  
*Chair of the Advanced  
Biofuels Coalition, & Head  
of Public Affairs,  
Technology & Innovation,  
Clariant*

As Head of Public Affairs, Technology & Innovation, Gloria leads the Public Affairs activities of Clariant's Group Technology & Innovation. Prior to joining Clariant in 2013, she was Deputy Secretary General at the European Renewable Ethanol Association (ePURE). She has previous professional experience in the European Parliament, where she specialized in energy policy and environmental affairs. Since 2015 Gloria represents the chemical sector in the BIC-Board, since 2018 as Vice-Chair. Currently she is the chairwoman of LSB, the advanced biofuels coalition.

Clariant is a focused and innovative specialty chemical company with 17,901 employees and a turnover of CHF 4.4 billion in 2019. "Focus on innovation and R&D" as well as "Adding value with Sustainability" are two pillars of the company's corporate strategy, which are reflected in Clariant's offering of integrated technologies and solutions for converting agricultural residues such as wheat straw, rice straw, corn stover and sugar cane bagasse. Its sunliquid® technology offers such a fully integrated process design, built on established process technology using enzymatic hydrolysis, to sustainably produce cellulosic sugars & ethanol from agricultural residues.



**Simon Bergulf**  
*Director of  
regulatory affairs,  
Maersk*

Simon joined A.P. Møller – Maersk as Director Regulatory Affairs in 2017. He is in charge of Maersk's positioning and outreach on key regulatory topics including climate change and environmental issues.

Before joining Maersk, Simon headed the Danish Shipowners' Association's Brussels representation from 2009 to 2017. From 2001 to 2008, Simon worked as a public affairs consultant with Hill & Knowlton Brussels. Here, he headed the Food and Consumer Protection Practice Group as well as the Digital Communications Practice Group.

Simon holds a BA from the Université Libre de Bruxelles and the Universidad de Granada in political science as well as an MA in public and political management from the Institut Supérieur de Management Publique et Politique Européen.



**Maarten Van Haute**  
*Alternative Fuels Officer,  
Q8*

Maarten Van Haute holds a master's degree in bio-engineering at the University of Ghent. He moved to the Q8 Petroleum 12 years ago and worked in marketing and logistics department in several roles in operations and product quality management.

3 years ago, he moved to the Q8 R&D department. In his role of "Alternative Fuels Officer" he is advisor to the board of directors on the alternative fuels strategy for the Q8 Petroleum International. He develops alternative fuels projects and is active at different industry associations. He is member of the AFIG (Alt Fuels Issue Group) at Fuels Europe and chairman of the REDII Working Group at Hydrogen Europe.

In this panel session he represents Kuwait Petroleum, a leader in retail of fuels and exploitation of service stations all over Europe.

**Afternoon session**

<p><b>Session 4</b> <b>Renewables in industry</b></p>	<p><b>Moderator: Ruud Kempener, Policy officer, Renewables and CCS policy, DG Energy, European Commission</b></p>
 <p><b>Martin Porter</b> <i>Executive Chair, CISL</i> Brussels</p>	<p>Martin joined CISL from the European Climate Foundation, where he was working as Europe Group Co-ordinator. He has also led their Industry and Innovation programme and has a long track record of working on industry, environment and sustainability issues prior to taking up that role in 2015. He is also an expert advisor to the European Commission’s Horizon 2020 on climate and resource issues, a representative on the Economic and Social Committee’s Commission on Industrial Change, a member of UCL’s European Institute Advisory Board and a member of the advisory board to the Sustainable Biomass Programme.</p>
 <p><b>Peter Botschek</b> <i>Director of Climate Change and Energy,</i> CEFIC</p>	<p>Peter Botschek has served since 2006 as director of energy &amp; health, safety and environment with Cefic – the European Chemical Industry Council. Before joining Brussels-based Cefic in 2001, Peter Botschek was seconded from HYDRO Agri, today known as YARA, to the European Fertilizer Manufacturers Association (EFMA) in Brussels, as an issue manager for agriculture and environment. Before then, he was consultant with Thomasdünge GmbH in Germany after managing fertilizer application experiments at the company’s research &amp; development station.</p> <p>A German national, Peter Botschek is a member of EU and international bodies such as Business Europe, the European Alliance of Energy- Intensive Industries, the European Commission Climate Change Policy (ECCP) Working Group, the IEA energy and greenhouse gas efficiency initiative, Observer Focal Point with UN Climate Change Convention (UNFCCC).</p> <p>He received his doctorate in agriculture in Bonn, Germany, specialising in plant nutrition and environment issues.</p>



**Aurelie Beauvais**  
*Deputy CEO & Policy  
Director,  
SolarPower Europe*




As Deputy CEO, Aurelie is in charge of developing and implementing the association's political strategy and advocacy, with the support of SolarPower Europe's Advocacy Committee. She also manages the policy department and coordinates the deliverables of SolarPower Europe's working groups, providing members with high-quality market intelligence and technology-focused reports, and events.

Aurélie previously worked in the European energy sector for more than 8 years and has long-standing experience in European public affairs. Prior to joining Solar Power Europe, she headed the European Affairs department of the French Union of Electricity (UFE) from 2012 to 2017. Aurelie has a Master Degree in Political Science, Sciences Po Bordeaux, and a Master Degree in Public Affairs and Advocacy, Sciences Po Bordeaux. She speaks French, English, and Spanish.



**Mikael Nordlander**  
*Head of R&D portfolio  
Industry  
Decarbonisation,  
Vattenfall AB*

Mikael Nordlander joined Vattenfall in 2001 and has held various positions in R&D and business development. He has had different responsibilities in strategic projects, mostly in Northern Europe. Since 2016, Mikael is leading Vattenfall's work on decarbonisation of industrial processes in partnership with large companies, e.g. the HYBRIT project for fossil-free steel with SSAB and LKAB. He holds a MSc degree in electrical engineering and applied physics from Linköping University and a post graduate diploma in Strategy and Innovation from Oxford.

<p><b>Session 5</b>  <b>Measures for a further uptake of renewables in electricity</b></p>	<p><b>Moderator: Antonio Lopez-Nicolas, Deputy Head of Unit, Renewables and CCS policy, DG Energy, European Commission</b></p>
 <p><b>Bruno De Wachter</b>  <i>Convenor, Working Group Market Design and RES of ENTSO-E Market Committee</i></p>	<p>Bruno De Wachter is an economist working for Belgian Transmission System Operator Elia since 2003. He has been working on transmission tariffs and resource adequacy in the past. The last eight years he has been focusing on European market design. Within Entso-e Bruno is for many years now convener of the Market Committee working group on Market Design &amp; Renewable Energy Sources. Before joining Elia Bruno held different functions in Consultancy.</p>
 <p><b>Giles Dickson</b>  <i>Chief Executive Officer, WindEurope</i></p>	<p>Giles Dickson is the Chief Executive Officer of WindEurope, a position he's held since 2015. WindEurope is the voice of the European wind industry. It represents the whole value chain of onshore and offshore wind across Europe and has more than 400 members. It engages Governments and other stakeholders on policy and regulation. It organises industry exhibitions, conferences and workshops. And it coordinates publicly-funded R&amp;D in wind.</p> <p>Dickson is also Chairman of the independent Advisory Council of ENTSO- E, the European Network of Transmission System Operators for Electricity.</p> <p>From 1992 to 2008 he was a civil servant in the UK Government, working mostly on European affairs. From 2008 to 2015 he worked for the French engineering company Alstom where he was Vice-President for Global Public Affairs.</p>
 <p><b>Dirk Vansintjan</b>  <i>President of the European federation of citizen energy cooperatives, REScoop</i></p>	<p>Dirk Vansintjan holds a Master's degree in Germanic Philology and is one of the founding members Ecopower, a Belgian renewable energy cooperative with more than 60.000 members. He has been working in the renewable energy sector since 1985 and still pushes for an energy transition that leads to energy democracy. Today Mr. Vansintjan is a board member of Ecopower and the President of REScoop.eu, the European federation of citizen energy cooperatives.</p> <p>He is an expert on community energy and well-experienced with European projects. He was the coordinator of REScoop 20-20-20 and is/was now closely involved in CITYinvest, PV Financing, REScoop MECISE, REScoop Plus, Nobel Grid, Wise Grid, ECCO, COME RES and RE/Sourced.</p>



**H  l  ne Lavray**  
*Senior Advisor -  
Renewables &  
Environment, Energy  
Policy, Climate &  
Sustainability - 2030  
Framework Lead,  
Eurelectric*

H  l  ne LAVRAY is currently a Senior adviser on Renewables & Environment at Eurelectric, the trade association that represents the electricity industry at the European level. After working at the Secretariat-General of the European Commission, as a seminar teacher at the Law School of the University of Lille 2 and for the aluminium industry in Brussels, H  l  ne Lavray joined Eurelectric in 2008. H  l  ne has a PhD in law from the University of Lille 2 (France).



**Session 6**  
**Bioenergy sustainability**

**Moderator: Giulio Volpi, Policy officer, Renewables and CCS policy, DG Energy, European Commission**



**Uwe Fritsche**  
*Task Leader of IEA Bioenergy Task: Deployment of biobased value chains, IINAS*

Uwe R. Fritsche studied applied physics at the Technical University of Darmstadt (Germany), and worked from 1984-2012 as a scientist at Öko- Institut, heading the Energy & Climate Division in Darmstadt until 2010. Since 2000, he focused on international activities concerning sustainable use of biomass, land, and resources. In 2012, he co-founded the International Institute for Sustainability Analysis and Strategy (IINAS) and works there as Scientific Director.

His expertise is life-cycle and material-flow analysis of energy, material and transport systems, bioenergy & bioeconomy, and sustainability governance & metrics. He works mainly on EU and international levels, is Task Leader for IEA Bioenergy Task 40 and Co-Leader of Task 45, works with the GBEP Task Force on Sustainability, and acts as technical expert to the EC, FAO, GEF, IEA, UNEP and UNIDO. Selected ongoing activities:

- Future transitions for the bioeconomy towards Sustainable Development and a Climate-Neutral Economy. Report and Foresight. EC DG RTD/JRC Network of Experts, coordinated by Uwe R. Fritsche
- Indicators to measure, monitor and assess bioeconomy sustainability. IEA Bioenergy Task 45 project in collaboration with EC JRC, FAO, GBEP, and OECD
- Sustainability governance of bioenergy and the bioeconomy. IEA Bioenergy Task 45 & GBEP joint project

Besides scientific work, he is a Reiki master, practices QiGong and Nordic Skating, and riding trains.



**Robert Matthews**  
*Programme Group Manager, Forest Research*

Robert Matthews is a Science Group Leader working in the Centre for Sustainable Forestry and Climate Change at Forest Research in the UK. He has worked on issues related to forestry, climate change and bioenergy for over 30 years. Robert has been active in the work of the IPCC and currently serves as a Lead Author for the IPCC Working Group III contribution to 6th Assessment Report.





**Linde Zuidema**  
*Forest and Climate  
Campaigner,*  
Fern

Linde Zuidema is a senior advisor on forests & climate at Fern, a Brussels- based NGO working on EU policies that affect forests. She is also part-time research associate at the European University Institute. In 2019-2020, Zuidema was a Policy Leader Fellow at the STG, where she wrote a paper on state aid rules in the area of bioenergy. Before joining Fern in 2013, Linde worked as a programme leader at the European Policy Centre and as policy advisor and researcher for ClientEarth, the European Parliament and the Council of Europe. Linde has started her career as a consultant in the private sector. She has an academic background in law and political sciences.






**Jean-Marc Jossart**  
*Secretary General,*  
Bioenergy Europe

Jean-Marc Jossart is an agronomist. He is Secretary General of Bioenergy Europe, the voice of the bioenergy sector in Brussels.



**Lotta Heikkonen**  
*Forest Policy Advisor,*  
Confederation of  
European Forest  
Owners

Lotta Heikkonen is working as Forest Policy Adviser for Confederation of European Forest Owners (CEPF) and for Nordic Family Forestry (NSF). Lotta is an expert in forestry, bioeconomy, forest ecology and forest-related policies. At CEPF and NSF Lotta is doing expert work on EU forest-related policies from private forest owners' perspective. During her career, Lotta has worked for the Finnish Ministry of Agriculture and Forestry on national and international forest policies, for Finnish forest authority Forest Centre as well as for forest industry in production and expert tasks. On her freetime, Lotta explores local forests for fungi or knits and enjoys mystery series on TV.

<p><b>Session 7</b>  <b>A European system for certification of renewable and low-carbon fuels, including hydrogen</b></p>	<p><b>Moderator: Galin Gentchev, Policy officer, Renewables and CCS policy, DG Energy, European Commission</b></p>
 <p><b>Jorgo Chatzimarkakis</b>  <i>Secretary General,</i>  Hydrogen Europe</p>	<p>Jorgo Chatzimarkakis is Secretary General of Hydrogen Europe since 2016. Before he was Representative of Infineon Technologies in Brussels and Member of the European Parliament (2004- 2014) inter alia in the ITRE Committee (Industry, Technology, Research and Energy) where he could contribute to lay the cornerstone for the first and the second Joint Undertaking on hydrogen and fuel cells. In 2007 he was elected “MEP of the year” by his colleagues of the European Parliament in the category “Research and Innovation”. In 2015 he was appointed ambassador at large for Greece.</p> <p>Mr Chatzimarkakis was born in Duisburg, Germany. He holds German and Greek nationality, a degree in political science from the University of Bonn.</p>
 <p><b>Peter Styles</b>  <i>Executive Vice Chair,</i>  EFET Board</p>	<p>Peter Styles is Executive Vice Chair of the European Federation of Energy Traders (EFET). He has been a Member of the Board of EFET since 2000 and was previously executive Chair of the Electricity Committee. He is also principal consultant in Stratos Energy Consulting and Managing Director of Stratos European Policy Limited. Since 2010 Peter has been an Honorary Lecturer in the Social Sciences Faculty at Dundee University. His career in the 1980s and 1990s encompassed project work in upstream oil and gas, power plant development, the management of a gas pipeline business and helping establish in 1997-8 the first ever pan-European power and gas trading business. Peter is a lawyer by profession and speaks French and German.</p>
 <p><b>Sascha Wüstenhöfer</b>  <i>System Manager, ISCC</i>  International Sustainability and Carbon Certification</p>	<p>Sascha Wüstenhöfer joined the International Sustainability and Carbon Certification (ISCC) in 2011. He holds a diploma in German and European Business Law from the University of Siegen. His interdisciplinary study was focused on environmental law, environmental economics and management. Within ISCC Mr Wüstenhöfer is responsible for the day-to- day development and improvement of the system with a special focus on the certification of waste and residue feedstocks, compliance and integrity management, and the management of ISCC’s operations.</p> <p>Furthermore, he is responsible for stakeholder management and communication with System Users, Certification Bodies, EU authorities, and other stakeholders. Through his involvement in the ISCC Integrity Program, Mr Wüstenhöfer gained extended knowledge on supply chains for sustainable biomass.</p>



**Javier Castro**  
*Business Development  
Carbon Management  
Service, TÜV SÜD Industrie  
Service*

Javier Castro is a Chemical Engineer graduated in the Polytechnic School in Ecuador. He obtained a Master of Science in Process Energy Environmental Systems Engineering in the University of Technology of Berlin. He has more than 15 years of work experience in the technical field, with more than 10 years of direct work in the sustainability field with TÜV SÜD. His main fields of work include the development of new services within the sustainability frame.

Javier Castro has been acting as lead assessor in more than 50 projects worldwide covering the technical expertise for evaluation and assertion of GHG emission reductions, balancing of renewable energies and renewable resources



**Sacha Alberici**  
*Managing  
Consultant,  
Guidehouse*

Sacha Alberici is a senior bioenergy expert at Guidehouse (previously Ecofys) and advises a wide range of organisations in the public and private sectors. He has supported the European Commission since 2010 on the practical implementation of the sustainability requirements of the RED, including the technical assessment of voluntary schemes. In 2020, Sacha led a scoping study for the proposed Union database for liquid and gaseous fuels as well as the update of the sustainability framework for voluntary schemes under the REDII. Sacha has supported several European oil and gas majors in developing their advanced biofuels strategies, and furthermore has undertaken market reviews and due diligence assessments to support investment decisions. He has also worked with a number of organisations on the topic of sustainable aviation fuels, including the International Air Transport Association (IATA). For the UK Energy Networks Association he assessed the role of renewable and low carbon gases in a net zero 2050 energy system.

