



ERMES Plenary 2021

10, 17, 26 May 2021
Final Programme



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Monday 10 May – Emission Models and Projections

<https://ecconf.webex.com/webappng/sites/ecconf/meeting/download/f73d768ab22dc555d11702d4b0a7c2c9?siteurl=ecconf&MTID=mb2dcaea7cbc37c3818ca3125fdde193d>

Join by meeting number

Meeting number (access code): 163 481 2903

Meeting password: X57nExXxU?4 (95763999 from phones)

Monday 17 May – Air Quality and Remote Sensing

<https://ecconf.webex.com/webappng/sites/ecconf/meeting/download/b9c8e13f996d9456a61e86c7dbf1e94e?siteurl=ecconf&MTID=m8b9adfa9cbc9cabed11ababdb770ca45>

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Meeting number (access code): 163 304 5970

Meeting password: ZPuhhYp2@46 (97844972 from phones)

Wednesday 26 May – Non-exhaust and Non-road Transport Emissions

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Meeting number (access code): 163 203 0489

Meeting password: hPZ4BK52rZ@ (47942552 from phones)

A summary of the ERMES Plenary 2021 together with abstracts and links to presentations will be circulated after the meeting.

DAY 1: EMISSIONS MODELS AND PROJECTIONS

Time (CEST)	Monday 10 May 2021	Speaker
15:00 - 15:10	Welcome and Introductions	Giorgos Fontaras , Sustainable Transport Unit, European Commission, Joint Research Centre (EC JRC), Ispra, Italy
15:10 - 15:25	Update Dutch emission factors for 2021 and the TNO research agenda	Norbert Ligterink , TNO, The Hague, The Netherlands
15:25 - 15:30	<i>Questions and Answers</i>	
15:30 - 15:45	HBEFA Outlook and Update Plans	Benedikt Notter , INFRAS, Bern, Switzerland and Stefan Hausberger , Graz University of Technology, Graz, Austria
15:45 - 15:50	<i>Questions and Answers</i>	
15:50 – 16:05	Status of COPERT emission factors and latest changes in the methodology	Leon Ntziachristos , Aristotle University of Thessaloniki, Thessaloniki, Greece
16:05 - 16:10	<i>Questions and Answers</i>	
16:10 -16:25	Fleet and Fuel Scenarios for 2050 Carbon Neutral Road Transport in the EU	Jette Krause , Sustainable Transport Unit, EC JRC, <i>Marta Yugo (Concawe)</i> , <i>Zissis Samaras (Aristotle University of Thessaloniki)</i> , <i>Georgios Fontaras (EC JRC)</i> , <i>Stephan Neugebauer (ERTRAC)</i>
16:25 - 16:30	<i>Questions and Answers</i>	
16:30 – 16:45	Carbon footprint of alternatively fuelled cars	Kirsten Biemann and Christoph Heidt, IFEU - Institut für Energie- und Umweltforschung, Heidelberg, Germany
16:45 - 16:50	<i>Questions and Answers</i>	
16:50 – 17:05	Probabilistic LCA – A fast and effective approach to Life-Cycle Assessment of Greenhouse Gas Emission impacts of Electric vehicles	Robin Smit , Transport Energy/Emission Research (TER), Brisbane, Australia
17:05 - 17:10	<i>Questions and Answers</i>	
17:10 – 17:20	Round Up	Giorgos Fontaras , EC JRC, Ispra, Italy

DAY 2: AIR QUALITY AND REMOTE SENSING

Time (CEST)	Monday 17 May 2021	Speaker
14:00 – 14:10	Welcome and Introductions	Harald Jenk , BAFU Swiss Federal Office for the Environment, Switzerland
14:10 – 14:25	DG Environment and Air Quality (TBC)	Vicente Franco , European Commission DG Environment, Brussels, Belgium
14:25 – 14:30	<i>Questions and Answers</i>	
14:30 – 14:45	Progress towards a unified storage solution for remote emission sensing data	James Tate and Christopher Rushton, Transport Studies (ITS), University of Leeds, UK
14:45 – 14:50	<i>Questions and Answers</i>	
14:50 – 15:05	Recent studies in European cities using commercial remote sensing techniques	Yoann Bernard , International Council for Clean Transport, Berlin, Germany
15:05 -15:10	<i>Questions and Answers</i>	
15:10 – 15:25	Remote emission sensing and air quality trends in the UK	David Carslaw , Dept. of Chemistry, University of York, UK
15:25 – 15:30	<i>Questions and Answers</i>	
15:30 – 15:45	First remote sensing measurements on European highways in the Flanders region	Roel Vaneerdeweg , Air Quality Policy Team, Flanders Environment Agency, Belgium
15:45 – 15:50	<i>Questions and Answers</i>	
15:50 – 16:05	Recent remote emission sensing measurements by means of the plume chase vehicle technique	Denis Poehler , University of Heidelberg and Airyx GmbH, Heidelberg, Germany
16:05 – 16:10	<i>Questions and Answers</i>	
16:10 – 16:25	Do remote sensing campaigns across Europe give consistent results? The case of light commercial vehicles	Jens Borken , IIASA, International Institute for Applied Systems Analysis, Austria
16:25 – 16:30	<i>Questions and Answers</i>	
16:30 – 16:45	Bus emissions measurement in operational conditions using PEMS: comparison between different Euro technologies	Laure Deville Cavellin , Airparif, L'Observatoire de l'air en ile-de-France, Paris, France
16:45 – 16:50	<i>Questions and Answers</i>	
16:50 – 17:00	Round up	Harald Jenk , BAFU, Switzerland

DAY 3: NON-EXHAUST AND NON-ROAD TRANSPORT EMISSIONS

Time (CEST)	Wednesday 26 May 2021	Speaker
15:00 – 15:10	Welcome and Introductions	Gary Haq , Stockholm Environment Institute (SEI-Y), Dept. Environment and Geography, University of York, York, UK
15:10 -15:25	Non-road mobile machinery emissions – an overview of recent data and current measurement activities	Konstantin Weller and Stefan Hausberger, Graz University of Technology (TUG), Graz, Austria
15:25 – 15:30	<i>Questions and Answers</i>	
15:30 – 15:45	PM and PN Emissions from Light-Duty Vehicle Brakes	Theo Grigoratos , Sustainable Transport Unit, European Commission, Joint Research Centre (EC JRC), Ispra, Italy
15:45 – 15:50	<i>Questions and Answers</i>	
15:50 – 16:05	Emission of particles from the tyre and road interface	Mats Gustafsson , VTI – Swedish National Road and Transport Institute, Linköping, Sweden.
16:05 – 16:10	<i>Questions and Answers</i>	
16:10 – 16:25	Maritime air emissions and enforcement: The SCIPPER and EMERGE projects	Leon Ntziachristos , Aristotle University of Thessaloniki, Thessaloniki, Greece
16:25 – 16:30	<i>Questions and Answers</i>	
16:30 – 16:45	Assessing aviation emission impacts on local air quality at airports and routes towards regulation	Simon Christie , Manchester Metropolitan University, Manchester, UK
16:45 – 16:50	<i>Questions and Answers</i>	
16:50 – 17:05	Alternative fuels for aviation: expected environmental benefits supporting the policy landscape	Matteo Prussi , Resource Efficiency and Raw Materials Unit, EC JRC, Ispra, Italy
17:05 -17:10	<i>Questions and Answers</i>	
17:10 – 17:20	Round up	Gary Haq , SEI-Y, UK