



Innovation Week 2025

Renewables and Digitalisation for a Sustainable Energy Future

Site Visits: Tuesday, 10 June 2025		
Site visit 1: Innovating Steel Carbon2Chem Technical Centre, thyssenkrupp Steel	Site visit 2: Renewable Power and Data Centers Kraftwerke Mainz Wiesbaden AG	Site visit 3: Renewable Power and Data Centers CyrusOne

Two parallel tracks	
Innovation in infrastructure for tripling renewables <i>Location: Kameha Universal</i> Master of Ceremony: Felicia Jackson , Co-Founder & Co-Host, Shaken Not Burned	Renewable-based solutions for sustainable development <i>Location: Kameha Grand Event</i> Master of Ceremony: Nolwazi Khumalo , Programme Officer, IRENA

Day 1: Wednesday, 11 June 2025	
Time	Sessions
09:00 – 10:00	Registration & Coffee
10:00 – 12:00	High level dialogue: Innovation catalyzing the tripling of renewables for sustainable growth <i>Location: Kameha Universal</i> <u>Welcome</u> Norela Constantinescu, Acting Director Innovation and Technology Centre, IRENA <u>Opening speech</u> Francesco La Camera, Director-General, IRENA <u>Keynotes</u> Michael Hackethal, Head of Division, Federal Ministry of Economic Affairs and Energy, Germany Nawal Al-Hosany, Permanent representative of the UAE to IRENA LI Sheng, Director-General, China Renewable Energy Engineering Institute (CREEI) <u>Innovators' keynote</u> Yohannes Bimrew, IRENA Youth Delegation, CEO, HuluSolar <u>High-level dialogue</u> Moderator: Gauri Singh , Deputy Director, IRENA Yoshiomi Yoshino, Director, Ministry of Economy, Trade and Industry, Japan Sédiko Douka, Commissioner for Infrastructure, Energy and Digitalisation, ECOWAS Stephane Cools, President, Walloon Air and Climate Agency (AwAC) Francesco La Camera, Director General, IRENA MoU Signing IRENA – ECREEE Partnership Agreement Signing IRENA – APUA



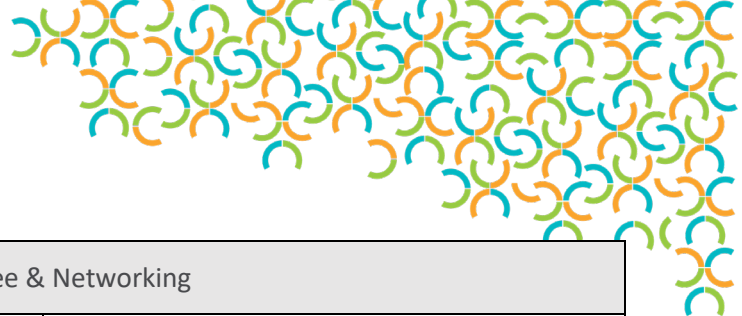
<p>12:00 – 13:30</p>	<p>12:00 – 13:30 Lunch </p> <p>12:00 – 12:45 IRENA NewGen Hackathons for Youth – Launching Event <i>Location: Kameha Grand Event</i></p> <p>Keynote Gauri Singh, Deputy Director, IRENA Nawal Al-Hosany, Permanent representative of the UAE to IRENA Youth Circle with Youth Entrepreneurs</p>	
<p>13:30 – 15:00</p>	<p>Planning for the future: Demand side narratives and scenarios</p> <p><u>Scene setting presentation</u> Nadeem Goussous, Associate Programme Officer, IRENA Charles Heaps, LEAP Developer and Senior Scientist, Stockholm Environment Institute (SEI)</p> <p><u>Panel discussion</u> Moderator: Charles Heaps, LEAP Developer and Senior Scientist, Stockholm Environment Institute (SEI)</p> <p>Marina Gil Sevilla, Energy Specialist, United Nations Economic Commission for Latin America and The Caribbean (ECLAC) Fiona Lambe, Senior Research Fellow, Stockholm Environment Institute (SEI) Yichun Gong, Researcher, Energy Strategy and Planning Institute, State Grid Energy Research Institute (SGERI) China Li Xiang, Division Director of the International Cooperation Department of NEA, China Antonella Battaglini, CEO, Renewables Grid Initiative</p> <p><u>Closing remarks</u> Juan Jose Garcia Mendez, Programme Officer, IRENA</p> <p><i>In partnership with: Stockholm Environment Institute (SEI)</i></p>	<p>Modernising power grids for a renewable future in EMDEs</p> <p><u>Scene setting presentation</u> Gayathri Nair, Programme Officer IRENA Mark McGranaghan, Fellow, Electric Power Research Institute (EPRI) Europe Leonard Hulsmann, Renewable Energy Engineer R&D, Energynautics</p> <p><u>Panel discussion</u> Moderator: Mark McGranaghan, EPRI Fellow. Electric Power Research Institute (EPRI) Europe</p> <p>Abel Didier Tella, Director General, African Power Utilities Association (APUA) Götz von Stumpfeldt, Advisor. Innovation Regions for a Just Energy Transition - IKI JET/GIZ. Eden R Uchel, Director, Palau Energy & Water Administration (PEWA) Pemy Gasela, Director International Climate Change Department of Environmental Affairs, Republic of South Africa Manoj Gupta, CEO, Tata Power Renewable Microgrid Limited (TPRMG)</p> <p><u>Closing remarks</u> Mark McGranaghan, EPRI Fellow, Electric Power Research Institute (EPRI) Europe</p> <p><i>In partnership with: Electric Power Research Institute (EPRI)</i> <i>Session supported by Utilities for Net Zero Alliance (UNEZA)</i></p>
<p>15:00 – 15:30</p>	<p>Coffee & Networking</p>	
<p>15:30 – 17:00</p>	<p>Connecting the dots: Bridging infrastructure gaps for renewable powered systems</p> <p><u>Scene setting presentation</u> Francisco Gafaro, Team-lead Power Sector Transformation, IRENA Uroš Salobir, Director of the Strategic Innovation Department, ELES, d.o.o. & Chair, ENTSO-E Research, Development & Innovation Committee Huang Yuehui, Senior Expert of Department of Renewable Energy, SGCC-CEPRI</p>	<p>Bottom-up solutions: Energy communities</p> <p><u>Scene setting presentation</u> Arina Anisie, Analyst, IRENA Ayu Abdullah, Managing Director, Community Energy Toolkit (COMET)</p> <p><u>Panel discussion</u> Moderator: Stefan Gsänger, Secretary General, World Wind Energy Association</p> <p>Simbini Tichakunda, Principal Program Officer Energy, AUDA NEPAD Manoj Gupta, CEO, Tata Power Renewable Microgrid Limited (TPRMG)</p>



	<p><u>Panel discussion</u> Moderator: Emanuele Taibi, General Manager, Field Italia</p> <p>Annegret Groebel, Director of International Relations, BNetzA & President, CEER Arnis Daugulis, Management board member, Augstsprieguma tīkls Stefan Kilb, Director Industrial Affairs, Schneider Kangqiao Huang, Senior Director, Policy Research and Public Affairs, Contemporary Amperex Technology Co., Limited (CATL) Rafael San Juan Moya, Global Innovation Manager, Iberdrola</p> <p><u>Closing remarks</u> Gao Keli, CEO & President CEPRI, SGCC-CEPRI Danial Saleem, Associate Programme Officer, Power System Flexibility, IRENA</p> <p><i>Session organised in partnership with: State Grid Corporation of China (SGCC - CEPRI)</i></p>	<p>Jose Vega, Research Fellow, Stockholm Environment Institute (SEI) Ayu Abdullah, Managing Director, Community Energy Toolkit (COMET) Peng Zhang, Staff Member of the Qinghai Provincial Energy Bureau, China</p> <p><i>Session organised in partnership with: World Wind Energy Association (WWEA)</i> <i>Session supported by IRENA Coalition for Action</i></p>
	<p><u>Technology Innovation Showcase</u> <i>Location: Kameha Universal</i></p> <p>Master of Ceremony: Begonia Gutierrez, Associate Professional, IRENA</p> <p><u>Opening remarks</u> Francesco La Camera, IRENA, Director-General Urban Peyker, Mission Director, Mission Innovation, Net Zero Industries</p> <p><u>Technology showcase - Pitches</u> Moderator: Luca Corradi, Chief Technology Officer, NZTC</p> <p>Technology Showcase:</p> <ul style="list-style-type: none">• BECCUS technology: Giovanna Massobrio, Decarbonization R&D unit, SNAM• Circularity technology: Pietro Giovanni Cerchier, CEO and founder, 9-Tech• Green Hydrogen technology: Frazer Ely, Founder, Latent Drive <p><u>Live voting session</u> Audience Award – IRENA Innovation Week 2025</p> <p><u>Award Ceremony – AFID Technology Innovator 2025</u> AFID Circularity Award: Presented by Her Excellency Dr. Nawal Al-Hosany, Permanent Representative of the UAE to IRENA AFID Bioenergy with CCUS Award: Presented by Kendra Rauschenberger, General Partner, Siemens Energy, AFID Co-Chair AFID Green Hydrogen Award: Presented by Hassan Al Ali, ESG & Sustainability engineer, EMSTEEL, AFID Co-Chair</p> <p><u>Closing remarks</u> Begonia Gutierrez, Associate Professional, IRENA</p> <p><i>Session organised in partnership with: Net Zero Technology Center</i> <i>Session supported by: IRENA’s Alliance for Industry Decarbonization (AFID)</i></p>	
17:00-17:30	Networking Dinner <i>Location: Kameha Dome</i>	



Day 2: Thursday, 12 June 2025	
Time	Sessions
09:00 – 10:00	Registrations & Coffee
10:00 – 12:00	<p>Plenary Session: Digitalisation for the energy transition <i>Location: Kameha Universal</i> Keynote Norela Constantinescu, Acting Director IITC, IRENA Vincent Berrutto, Head of Unit Research, Innovation, Competitiveness, and Digitalisation, European Commission Directorate General for Energy</p> <p>Scene setting presentation Maxime Souvignet, Team Lead Climate Risk Analytics, United Nations University Marcia Poletti, Head of European System Change, Octopus Márcio Venício Pilar Alcântara, Coordinator of Innovation and Market Engagement at the Secretariat of Energy Innovation and Energy Transition, ANEEL Brazil</p> <p>Panel discussion Moderator: Maher Chebbo, Managing Director Europe, Univers</p> <p>Vincent Berrutto, Head of Unit Research, Innovation, Competitiveness, and Digitalisation, European Commission Directorate General for Energy Márcio Venício Pilar Alcântara, Coordinator of Innovation and Market Engagement at the Secretariat of Energy Innovation and Energy Transition, ANEEL Brazil Marcia Poletti, Head of European System Change, Octopus Guilherme Castro, IRENA Youth Delegation, Senior Manager, Faculty AI Arnoud Kamerbeek, CEO, Jungle AI</p> <p>Closing remarks Norela Constantinescu, Acting Director IITC, IRENA <i>Session organised in partnership with: European Commission Directorate-General Energy (DG ENER)</i></p>
12:00 – 13:30	<p>12:00 – 13:30 Lunch </p> <p>12:00 – 12:45 Youth Session: Youth in the AI and RE Nexus of the next decade <i>Location: Kameha Universal</i> Moderator: Polat Gotkas - Chair, IEEE Young Professionals Innovation Hub Subcommittee Georgios Paliouras - Head of R&D at Kooti Agrivoltaics</p>
13:30 – 15:00	<div> <div> <p>RESourcing AI Scene setting presentation Adrian Gonzalez, Programme Officer, IRENA Jill Mcardle, International Corporate Campaigner, Beyond Fossil Fuels</p> <p>Panel discussion Moderator: Romain Tranchant, Chair of Innovation Committee, iMasons Climate Accord</p> <p>Andres Acosta, Director of Innovation, LevelTen Trigya Singh, Head of Corporate Sourcing, Global Renewables Alliance Sylvie Tarnai, Chief Strategy Officer, Energy Pool Jill Mcardle, International Corporate Campaigner and Project Lead, Beyond Fossil Fuels Gema del Río Castro, Institute for the Diversification and Saving of Energy (IDEA), Spanish Government</p> <p>Closing presentation and remarks Michael Barth, Senior Corporate Council Europe, CyrusOne Romain Tranchant, Chair of Innovation Committee, iMasons Climate Accord <i>Session organised with: iMasons Climate Accord</i></p> </div> <div> <p>Productive uses of energy: Rethinking perspectives and drivers for innovation Keynote Gauri Singh, Deputy Director General, IRENA Scene setting presentation Kavita Rai, Senior Programme Officer, IRENA</p> <p>Panel discussion Moderator: Carlos Sordo Olivé, Senior Project Manager Productive Uses of Renewable Energy, GOGLA</p> <p>Divya Balakrishnan, Senior Advisor, GET.invest/GIZ Yariv Cohen, CEO, Ignite Energy Access Ulrich Zimmermann, COO, Zimpertec GmbH & Co. KG Matthew Matimbwi, Executive Secretary, Tanzania Renewable Energy Association</p> <p>Closing remarks Barbara Richard, Team Leader, Energising Development (EnDev), GIZ Kavita Rai, Senior Programme Officer, IRENA <i>Session organised in partnership with: GOGLA</i></p> </div> </div>



15:00 – 15:30	Coffee & Networking	
15:30 – 17:00	<p>Digitalisation for energy transition: Case studies</p> <p><u>Opening remarks</u> Yoshiomi Yoshino, Director, METI, Japan</p> <p>Moderator: Yasuhiro Sakuma, Programme Officer, IRENA</p> <p><u>Presentations</u> Fernando Llaver, CEO, Splight Rafael San Juan, Global Innovation Manager, Iberdrola Kosuke Yamamoto, Chief officer, New Energy and Industrial Technology Development Organization (NEDO) Q&A Session</p> <p><u>Presentations</u> Serge Subiron, CEO, Jedlix Tarvo Ong, Founder and CEO, Fusebox Tomoyuki Chinuki, Senior Engineer, Mitsubishi Electric Q&A Session</p> <p><u>Closing remarks</u> Yasuhiro Sakuma, Programme Officer, IRENA</p> <p><i>Session organised in partnership with: Ministry of Economy, Trade and Industry (METI), Japan</i></p>	<p>Creating value locally: Supply chains and skills</p> <p><u>Scene setting presentation</u> Celia García-Baños, Programme Officer, IRENA Pavel Tereshchenko, Energy Analyst, SEforALL</p> <p><u>Panel discussion</u> Moderator: Ute Collier, Acting Director Knowledge, Policy and Finance Centre, IRENA</p> <p>Omobola Omofaiye, Levene Energy General Manager, Renewable Energies Division, Levene Energy Lanz Gabriel Jabla, General Manager, Renewable Energies Division, Yamog Renewable Energy Development Group, Inc. Fadhel Kaboub, Associate Professor, Denison University & President, Global Institute for Sustainable Prosperity Fabian Barrena, Project Lead PtX, Agora Energiewende</p> <p><u>Closing remarks</u> Ute Collier, Acting Director Knowledge, Policy and Finance Centre, IRENA</p> <p><i>Session organised in partnership with: International Labour Organization (ILO) and Sustainable Energy for All (SEforALL)</i></p>
19:00	Reception Location: Bonn City Hall	



Day 3: Friday, 13 June 2025		
Time	Sessions	
9:00 – 10:30	<p>Enabling next generation trade in renewable energy value chains</p> <p><u>Scene setting presentation</u> Ann-Kathrin Lipponer, Associate Programme Officer, IRENA Deger Saygin, Lead, Industrial Decarbonisation, OECD</p> <p><u>Panel discussion</u> Moderator: Deger Saygin, Lead, Industrial Decarbonisation, OECD</p> <p>Dolf Gielen, Senior Energy Specialist (Hydrogen Lead), World Bank Eleanor Webster, Head of Secretariat, Mission Innovation Frank Wouters, Executive Director, MED-GEM</p> <p><u>Fireside chat</u> Moderator: James Walker, Team-lead Renewable Gases, IRENA</p> <p>Chenjiang Xiao, Deputy General Manager, China Hydrogen Alliance Luca Corradi, Chief Technology Officer, Net Zero Technology Centre</p> <p><u>Closing remarks</u> James Walker, Team-lead Renewable Gases, IRENA Deger Saygin, Lead, Industrial Decarbonisation, OECD</p> <p><i>Session organised in partnership with: Organisation for Economic Co-operation and Development (OECD)</i></p>	<p>Innovative business models for bioenergy in the Global South</p> <p><u>Scene setting presentation</u> Ricardo Gorini, Head Renewable Energy Transition Roadmaps (REMAP), IRENA</p> <p><u>Panel discussion</u> Moderator: Bharadwaj Kummamuru, Executive Director, World Bioenergy Association</p> <p>Maria Michela Morese, Energy Team Leader & Senior Natural Resources Officer, UN Food & Agriculture Organisation Gabriele Giannini, Head of Africa AgriBusiness, Eni Verena Brinkmann, Senior Energy and Climate Advisor, GIZ EnDev Ayaka Uke, Energy Team Lead, Japan International Research Center for Agricultural Sciences (JIRCAS)</p> <p><u>Closing remarks</u> Ricardo Gorini, Head Renewable Energy Transition Roadmaps (REMAP), IRENA</p> <p><i>Session organised in partnership with: World Bioenergy Association (WBA)</i></p>
10:30 – 11:00	Coffee & Networking	
11:00 – 12:30	<p>Infrastructure for sustainable fuels for shipping and aviation</p> <p><u>Scene setting presentation</u> Arno van den Bos, Analyst Green Hydrogen Energy, IRENA Peter Schniering, Founder & CEO, Future Cleantech Architects Zhang Chang, Chief Engineer of Hydrogen Energy Technology Department, Huaneng Clean Energy Research Institute</p> <p><u>Panel discussion</u> Moderator: Peter Schniering, Founder & CEO, Future Cleantech Architects</p> <p>Ralph-Uwe Dietrich, Research Group Leader Techno Economic Assessment, German Aerospace Center (DLR) Pierpaolo Cazzola, Director, European Transport and Energy Research Centre</p>	<p>Project facilitation in fragile countries: Navigating political risks, enabling RE investments</p> <p><u>Scene setting presentation</u> Luis Munuera, Senior Advisor Urban Energy, UNEP</p> <p><u>Panel discussion</u> Moderator: Ahmed Badr, Director, Project Facilitation & Support (PFS), IRENA</p> <p>Linda Wamune, Program Director, Energy Peace Partners Kristen Petillon, Business Engagement Lead, PeaceNexus Foundation/Kube Energy Nadiia Petruchenko, Co-Founder and Chief Business Officer, SPP Development Ukraine Jisung Won, Senior Underwriter, Energy and Extractive Industries, MIGA Reda Souini, Associate Investment Director, AFRICA50 Anja Werntges, Clean Cooking Component Lead, GIZ EnDev Ethiopia</p>



	<p>Zhang Chang, Chief Engineer of Hydrogen Energy Technology Department, Huaneng Clean Energy Research Institute</p> <p>Santiago Haya-Leiva, International Cooperation Officer – Sustainability, European Union Aviation Safety Agency EASA</p> <p><i>Session organised in partnership with: Future Cleantech Architects</i></p>	<p><u>Closing remarks</u></p> <p>Ahmed Badr, Director, Project Facilitation & Support (PFS), IRENA</p> <p><i>Session organised in partnership with: United Nations Environment Programme (UNEP)</i></p>
12:30 – 13:30	Lunch	
13:30 – 15:30	<p>Closing Ceremony: The way forward: Structural change and innovation for sustainable development</p> <p><u>Rapporteurs' presentations</u> Innovation in infrastructure for tripling renewables: Key messages: James Walker, Team-lead Renewable Gases, IRENA Renewable-based solutions for sustainable development: Key messages: Arina Anisie, Analyst, IRENA</p> <p><u>Scene setting presentation</u> Diala Hawila, Programme Officer Policy Advice, IRENA</p> <p><u>Panel discussion</u> Moderator: Felicia Jackson, Co-Founder & Co-Host, Shaken Not Burned</p> <p>Pedro Ivo Ferraz da Silva, Coordinator Scientific and Technological Affairs, Climate Department, Ministry of Foreign Affairs of Brazil Beatrice Coda, Head of Unit of the Clean Energy Transition Unit, Directorate General for Research and Innovation, European Commission Fadhel Kaboub, Associate Professor, Denison University & President, Global Institute for Sustainable Prosperity Yacob Mulugetta, Professor of Energy and Development Policy, University College London & Climate Compatible Growth (CCG) Zeeshan Ashfaq, CEO, Renewables First, Pakistan</p> <p><u>Youth speech on behalf of future generations</u> Ana Ramrez Tovar, IRENA Youth Delegation, Sustainable Director, RIOT Green Hydrogen</p> <p><u>Closing remarks</u> Gauri Singh, Deputy Director, IRENA</p>	