

SIXTH MEETING OF THE ISA REGIONAL COMMITTEE FOR EUROPE AND THE OTHERS REGION

Elevating the Region's Role in the Global Solar Transition



SIXTH MEETING OF THE ISA REGIONAL COMMITTEE FOR EUROPE AND THE OTHERS REGION

Sofitel Brussels Europe, Pl. Jourdan 1, 1040 Bruxelles

Day 1: Wednesday, 11 June 2025

EE

Bilateral meetings with Director General, ISA

12:00 hours onwards



Reception Dinner

Day 0: Tuesday, 10 June 2025

18:00 hours onwards



Plenary Session

09:00 - 13:00 hours



Fireside chat of DG ISA with Dr. Fatih Birol* on AI and Digitization in Energy

10:10 - 10:35 hours



CEO Caucus: Global Solar Value Chain

11:15 - 12:30 hours



Fireside chat of DG ISA with Ms. Kate Hampton on Changing Paradigm

10:35 - 11:00 hours



Press Meet

12:55 - 13:30 hours



Keynote Address – H.E. Dan Jørgensen, Commissioner

Energy and Housing,
European Commission

12:30 - 12:45 hours



Lunch

13:30 - 14:30 hours



Catalytic Finance in Africa: Pathways to Effective Operationalization and Scaled Impact 14:30 - 16:00 hours



Networking Dinner

18:00 - 21:00 hours



Day 2: Thursday, 12 June 2025

Transforming the Energy Landscape through AI and Digital Technologies 09:30 - 11:00 hours



Coffee Break

11:00 - 11:30 hours



Partnering for Progress: STAR-C and GCC Institutions in Synergy

11:30 - 13:00 hours



Lunch

13:00 - 14:00 hours



Roundtable discussion on advancing solar energy deployment through Energy Storage and Green Hydrogen 14:00 - 15:00 hours





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10 - 12 JUNE 2025

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12:00 hours onwards



Reception Dinner

18:00 hours onwards



Day 1: Wednesday, 11 June 2025

Opening Ceremony

08:30 - 09:15 hours

Plenary Session 09:15 - 13:00 hours

Fireside chat of DG ISA with Dr. Fatih Birol* on Al and Digitization in Energy

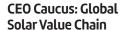
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Strategic Objectives

The Europe and Others region of ISA represents some of the world's most advanced economies, innovation leaders, and climate champions. The upcoming Regional Committee Meeting (RCM) of the International Solar Alliance (ISA) in Brussels offers a timely opportunity for the region to shape the **next phase of global solar cooperation and reinforce its commitment to delivering real-world solutions for climate, energy, and development.** This meeting is not only about advancing ISA's vision, but also about anchoring the collective priorities of the region in ISA's global solar agenda.

The RCM will enable the region to influence strategic direction, deepen regional coordination, and showcase leadership in delivering solar energy for sustainable development across continents. With an expanded membership base comprising 123 Member and Signatory countries and a doubling of active engagements since 2022, ISA's evolving strategy now pivots around four foundational pillars—catalytic finance, integrated institutional strengthening, technology roadmap and policy innovation, and digitalisation and artificial intelligence.

The RCM will build on these pillars through a series of side events, technical sessions, and high-level dialogues, aiming to translate strategy into implementable actions.

Global solar deployment remains uneven, with over 750 million people across the developing world still lacking access to electricity (IEA, 2024) owing to persistent investment barriers: high perceived risk, underdeveloped financial markets, and limited concessional capital flows. To bridge these structural gaps, ISA has developed a catalytic financing ecosystem comprising the Global Solar Facility (GSF), the Africa Solar Facility (ASF), and the Multi-**Donor Trust Fund (MDTF).** These instruments are designed to de-risk investments, enable project aggregation, deploy blended finance, and unlock technical assistance and grantbased support, thereby crowding in both public and private capital toward high-impact solar

projects in underserved markets. Engagements at the RCM aim to identify avenues for ISA Member Countries and Development Finance Institutions (DFIs) to contribute to the MDTF and to co-invest alongside the GSF and ASF, especially in underserved markets across Africa and developing Asia.

Institutional capacity remains one of the most critical enablers for accelerating solar deployment globally. Under IRENA's 1.5°C Scenario, installed renewable power capacity would need to grow current levels from 3.4 TW to 9.4 TW across G20 and from 3.5 TW to 9.7 TW across G20+ by 2030 and the bulk of installed renewable power needed to meet the global goal of 11.2 TW by 2030. Solar PV will account for nearly half of this growth. However, more than 70% of the technical and institutional capacity-building needs are concentrated in developing and emerging economies, where skill shortages, policy uncertainty, and weak institutional frameworks persist. The integrated ecosystem consisting of the Solar Technology Application Resource Centres (STAR-C) and the proposed Global Capability Centre (GCC) aim to close these gaps through structured partnerships focused on technical training, innovation, and institutional strengthening. At the RCM, ISA plans to huddle with **European training institutions, technical** universities, and think tanks to partner up and co-design training modules, technical certification programmes, and an institutional structure for ISA's GCC.

Accelerating global solar deployment requires more than just capacity and finance - it demands a solid foundation of solar energy technology and enabling policy ecosystems that reduces risks, attract investment, and foster innovation. Globally nations, particularly in Sub-Saharan Africa and parts of Asia, lack detailed strategies for scaling solar photovoltaic (PV) systems, integrating battery storage, and exploring emerging applications like green hydrogen. Conversely, countries with robust and supportive solar policies tend to

attract substantially more investment. Global investment in the energy transition hit an all-time high of \$2.1 trillion in 2024, with a substantial share flowing to countries that have established clear and supportive renewable energy policies (Bloomberg, 2025). ISA's focus on technology roadmaps and policy innovation addresses this systemic gap. Structured policy dialogues at the RCM offers a unique opportunity for Europe and the Others Region to lead and cocreate these frameworks in collaboration with developing countries.

Digital transformation of the energy sector is no longer optional - it is foundational for scaling solar deployment in an efficient, resilient, and inclusive manner. As per the IEA (2023), the adoption of digital technologies has the potential to generate savings of up to USD 1.8 trillion in global grid investments by 2050 through enhanced utilisation and extended lifespan of existing infrastructure. In addition to cost savings, these technologies play a critical role in boosting grid reliability, optimizing both generation and demand, minimizing supply interruptions, and enabling the seamless integration of variable renewable sources such as solar energy. However, while advanced economies have embraced digital infrastructure and Al-driven energy systems, a large digital divide persists across the globe. The RCM will facilitate discussions on the role of digital public infrastructure, including Al-driven energy management systems, digital twins, and digital procurement platforms (including a special platform for SIDS Counties), in enabling smart solar expansion.

ISA recognizes the fact that achieving the global clean energy transition, especially scaling solar to meet net-zero targets, cannot be realized without robust private sector engagement. IEA estimates that over 70% of the investment needed to achieve net-zero emissions by 2050 must come from the private sector, particularly in emerging markets where public resources alone are insufficient. ISA's CEO Caucus will act as a dedicated platform to convene leading solar and energy companies globally, plays a catalytic role in forging these public-private linkages. The upcoming RCM offers a unique opportunity for businesses and industry leaders from the Europe and Others Region to shape global innovation, market expansion, and co-investment strategies in fast-growing solar economies.

By deeply engaging with these critical thematic pillars, the upcoming RCM for the Europe and the Others region is poised to be a vibrant convening of strategic thinking. It will forge a truly holistic action plan, not just for the coming year, but for the transformative trajectory of the ISA. This pivotal gathering promises a robust blend of insightful deliberation and concrete, member-driven action, directly aligning with the ambitious vision enshrined in the ISA Framework Agreement. The outcome will be a powerful roadmap, propelling the ISA towards significant growth and impactful delivery on its vital global mandate.



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