



9th-10th
October 2025

Slovenian chamber
of commerce
and industry

Ljubljana

ENERGISING AFRICA CONFERENCE AND EXHIBITION

2025

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Africa's energy landscape is evolving rapidly, with the continent poised to lead the world in sustainable energy growth. Europe is creating innovations in smart energy technologies that could support Africa's transition to clean and efficient energy solutions, knowledge and technology sharing.

Slovenia, in particular, has proven itself to be a country where the green transition is progressing well. Slovenia's approach to energy efficiency and renewable energy can serve as a valuable model for African nations, regional nations and Europe as a whole looking to enhance their energy sectors.



ENERGISING AFRICA 2025: “SMART ENERGY INNOVATIONS AND PARTNERSHIPS BETWEEN EUROPE AND AFRICA”

September **18th – 19th 2025**
Radisson Blu Plaza Hotel Ljubljana
Virtual participation: (Zoom)



Ljubljana

European green city

welcomes the second edition
of energizing Africa



Following the EU Green Deal which aims to make the EU carbon-neutral by 2050, transforming its economy and society for a sustainable future. It addresses sectors like energy, agriculture, and transportation, focusing on climate change, biodiversity, and pollution reduction. Slovenia has adopted key initiatives to achieve the Green Deal's goals, including cutting emissions by 55% by 2030 and reaching climate neutrality by 2050. Slovenia's efforts, such as energy sector regulation, increased investments, and support for sustainable energy efficiency, can serve as a model for African nations despite its small size.

Global Agenda for Sustainable Energy Resources

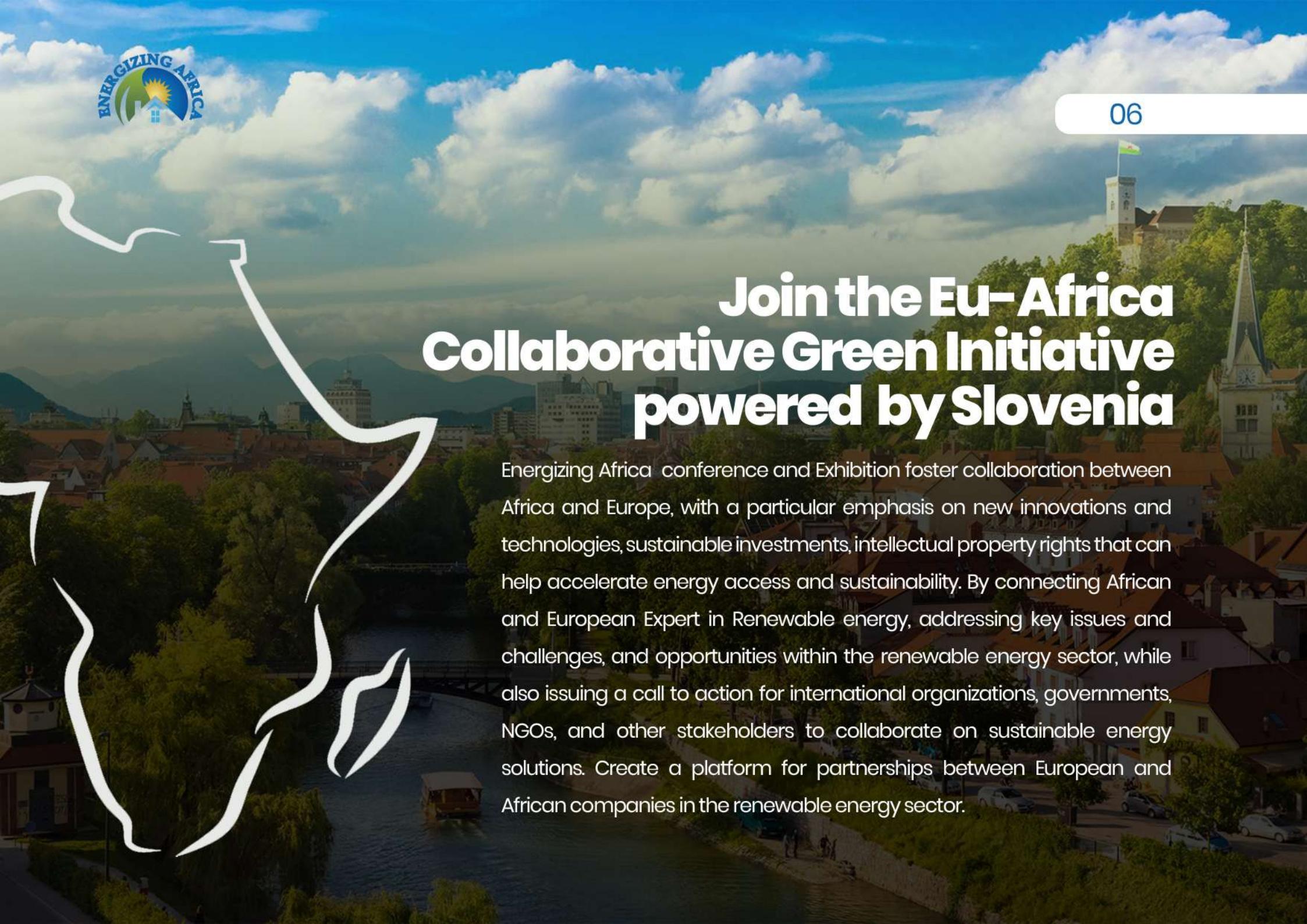
At the global level, there is growing recognition of the urgent need to transition to sustainable energy systems, reflected in the United Nations Sustainable Development Goal (SDG) 7. Which aims for universal access to affordable, reliable, and sustainable energy by 2030. Key targets include increasing the share of renewable energy, improving energy efficiency, and expanding energy access.

This agenda aligns with the Paris Agreement to limit global warming, as the energy sector is responsible for the majority of greenhouse gas emissions. Key actions include transitioning to renewable energy, boosting efficiency, and reducing fossil fuel subsidies.

African Continent Agenda for Energy

Africa faces unique energy challenges but also immense opportunities in the shift towards sustainable energy. The African Union's Agenda 2063 includes specific objectives for sustainable development, including boosting the share of renewable energy. Several African countries have set ambitious targets for increasing renewable energy capacity, with a particular focus on solar, wind, and hydroelectric power, given the continent's vast natural resources. Africa's Renewable Energy Initiative (AREI), launched under the African Union, aims to achieve at least 300 GW of renewable energy capacity by 2030. This initiative seeks to transform Africa's energy landscape by focusing on decentralized energy systems, off-grid solutions, and providing universal access to clean energy.

Moreover, SDG7 Initiative for Africa by the The Economic Commission for Africa (ECA), targets universal access To electricity by 2030, addressing the energy deficit that leaves over 600 million people without power. The African evelopment Bank (AfDB) has been instrumental in supporting this transition, with initiatives like the desert to Power Initiative, which aims to harness solar power across the Sahel region to provide energy to millions. The continent's energy future is also being shaped by regional collaborations, such as the East African Power Pool (EAPP) and the West African Power Pool (WAPP), which focus on integrating energy markets and expanding renewable energy. South Africa's Integrated Resource Plan (IRP) and Kenya's Least Cost Power Development Plan (LCPDP), Renewable Energy and Energy Efficiency for Central Africa (CEREEAC), and many more are examples of national-level efforts to incorporate sustainable energy into their energy mix.

A scenic view of a European town with a castle and church in the background, overlaid with a large white wavy line graphic on the left side.

Join the Eu-Africa Collaborative Green Initiative powered by Slovenia

Energizing Africa conference and Exhibition foster collaboration between Africa and Europe, with a particular emphasis on new innovations and technologies, sustainable investments, intellectual property rights that can help accelerate energy access and sustainability. By connecting African and European Expert in Renewable energy, addressing key issues and challenges, and opportunities within the renewable energy sector, while also issuing a call to action for international organizations, governments, NGOs, and other stakeholders to collaborate on sustainable energy solutions. Create a platform for partnerships between European and African companies in the renewable energy sector.

Industry Sectors

Renewable Energy

Solar, Wind, Hydropower

Waste to Energy

Biogas, Biomass, Waste Conversion

Mining

Minerals, Extraction, Processing, Smart Solutions for Mining

Digital & A.I.

Smart Grids, Monitoring, Cloud Solutions
Smart Energy Solutions
Energy-efficient Technologies
Energy Storage Solutions

Transportation

Electric Vehicles, Infrastructure

Health & Safety

Protective Gear, Air Quality Control

Finance and Investment

Energy Project Funding
Renewable energy
Partnerships, joint-venture projects

Rural Development

Electrification of Under-served Communities
Power Access for Agriculture and Small Businesses

Waste Management

Industrial & Commercial Waste, Crime

Construction and Infrastructure

Development of Sustainable Housing with Integrated Energy Solutions

Sustainability and Environmental Services

Green Energy Initiatives, Carbon Footprint Reduction

Visitor Profile

By Industry »

Renewable
Energy

Mining

Banking

Civil Engineering

Farming

Venture and
Equity capitalist

Transportation

Manufacturing

Biotechnology

Utilities

Oil & Gas

Automotive

Software

Visitor Profile

By Job Title »

Chief Executive Officer (CEO)

Chief Sustainability Officer (CSO)

Chief Operating Officer (COO)

Vice President of Sustainability

Director of Sustainability

Director of CSR

Director of ESG

Sales Manager

Government officials

A large, semi-transparent background image shows several workers in safety vests and hard hats installing solar panels on a metal frame. The panels are dark blue with a grid pattern. The background is a bright, outdoor setting with some greenery and a clear sky. A blue and green decorative graphic with a wavy line is overlaid on the bottom right of the slide.

Key topics to address:

- » EU Role in the Global Green Transition
- » Africa's Energy Transformation
- » Smart Energy Technologies for a Sustainable Future
- » Energy Storage Solutions
- » Renewable Energy Sources (Solar, Wind, Hydropower)
- » Renewable energy projects and investment opportunities for joint projects
- » Intellectual Property Workshop: Protecting Innovations in Renewable Energy
- » Enterprise Showcase: Innovative Smart Energy Solutions
- » Smart Solutions for the Mining Sector
- » Presentation: EU, African Union, and UAE's Sustainable Development Plans

Energizing Africa, A platform to power partnership & fuel progress.

A two-day event fostering global collaboration on clean energy innovations between Europe and Africa powered by Slovenia.

1

Smart Energy Innovations for a Sustainable Future

- » Promoting clean energy solutions through cutting-edge technology and innovation.
- » Showcasing success stories of smart energy projects in Africa, Slovenia and the rest of Europe.
- » Reducing emissions and improving efficiency through renewable energy solutions.

2

AI and Big Data for Energy Efficiency and Development

- » Leveraging artificial intelligence to optimize energy grids and operations.
- » Utilizing big data for monitoring, planning, and innovation in energy systems.
- » Highlighting case studies on data-driven energy management across sectors.

3

Innovative Energy Management in Agriculture and Industries

- » Driving sustainable energy solutions for agricultural development and food systems.
- » Showcasing projects where renewable energy boosts productivity in industries.

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4

Fostering Business Partnerships for Industrial Energy Efficiency

- » Strategies for reducing energy consumption in industrial sectors.
- » Collaborating with businesses to cut costs through energy-efficient technologies.
- » Assessing the role of public-private partnerships in advancing energy projects.

5

Energy from Waste Solutions: Turning Challenges into Opportunities

- » Practical solutions for transforming agricultural, industrial, and urban waste into energy.
- » Innovations in minimizing environmental footprints through clean energy technology.
- » Exploring regulatory frameworks and incentives to promote waste-to-energy projects.

6

Smart Cities and Regional Energy Cooperation

- » Showcasing energy-efficient infrastructure and green cities development.
- » Facilitating greater international partnerships for knowledge-sharing and innovation.
- » Promoting integrated energy management in urban and rural regions.

Benefits for Delegates participation and exhibitors include

1

Engagement with Energy and Sustainability Professionals

- Connect with leading experts in smart energy innovations, renewable energy, and sustainability solutions.
- Gain exposure to key players from global organizations, research institutions, Accademia, technology innovators, and local leadership across Africa and Europe.

1

Quality b2b matchmaking with Industry Leaders and government officials

- Interact with policymakers, energy specialists, investors, manufacturers, and SMEs shaping the future of sustainable energy.
- Explore cutting-edge technologies and solutions tailored to energy efficiency, clean energy, and climate resilience.

1

Connect with Thought Leaders and Innovators Driving Change in Energy Practices

- Engage with global experts and innovators at the forefront of smart energy initiatives and clean energy transitions.
- Discover transformative solutions addressing energy access, waste-to-energy processes, and sustainable industrial practices.

1

Explore Collaborative Opportunities with Key Stakeholders in the renewable Energy Sector

- Build partnerships with leading African and European businesses, institutions, and investors committed to advancing energy sustainability.
- Unlock opportunities for knowledge-sharing, technology transfer, and investment to power Africa's energy transformation.

1

Access to Global Best Practices and Case Studies

- Learn from successful energy projects in Africa, Slovenia, and beyond, with a focus on practical, replicable solutions.
- Gain insights into strategies that drive energy access, efficiency, and innovation across regions and industries.

1

Gain Access to EU Grants and Funding in the Global Transition Plan

- Learn how to leverage EU grants, funding programs, and financial incentives to support renewable energy projects and sustainable initiatives.
- Explore opportunities to align with Europe's green transition goals and secure investment for energy projects in Africa.

What to expect from the 2nd edition of Energizing Africa



A significant increase in the number of local and regional and international delegate



Exhibition stand added (new) companies can exhibit their products and services



Interaction with EU and African policymakers



Investment Opportunities in Start-ups and Joint Venture Projects.



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<https://energizingafrica.eu/>

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EXHIBITION & PARTNERSHIP

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Organised by



ENERGISING AFRICA CONFERENCE AND EXHIBITION 2025

A large, stylized green arrow curves across the background, starting from the top left and ending at the bottom right, pointing towards the conference title. The background image shows a field of solar panels in the foreground and several wind turbines in the background under a cloudy sky.

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