Geneva, 2-3 November 2017
Group of Experts on Renewable Energy

Supporting Renewable Energy Development in South East Europe and Central Asia
IRENA’s Regional Engagement

- Regional Initiative in South-East Europe
- Regional Initiative in Central Asia
- Regional Initiative in Southeast Asia
- CECCA (Clean Energy Corridor of Central America)
- WACEC (West Africa Clean Energy Corridor)
- ACEC (Africa Clean Energy Corridor)
- PACE (Pan Arab Clean Energy Initiative)
Regional Initiatives
South East Europe and Central Asia

High-Level Meeting on Renewable Energy in South East Europe, Abu Dhabi, 13 January 2017

Ministerial Dialogue on Renewable Energy in Central Asia, Astana, 11 June 2017
## Action Areas

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<td>(market-based RE support schemes)</td>
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<td>Awareness raising, including on socio-economic benefits</td>
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### Partners

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<td>![Partner Logos]</td>
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Resource Assessment
South East Europe

Suitable locations for **Wind** investments in SEE

Suitable locations for **Solar PV** investments in SEE

Assessment of the overall renewable electricity potential in SEE

Identification of cost-competitive RE potential – focus on wind & solar PV

Inform policy makers for the upcoming process of undertaking new commitments and developing long-term strategies for RE

**WHAT’S NEXT?**

Assessment of the cost-competitive RE potential in **Central Asia**
Renewable Energy targets

Identification of feasible options for scaling up RE deployment in power generation and end-use sectors

Expected Country/Regional Roadmaps:

✔ REmap EU underway
  Support the process for setting the EU 2030 target for RE

✔ REmap Kazakhstan underway

✔ REmap for SEE
  Support the process for setting post-2020 RE framework for Energy Community

Upcoming capacity building activities:

- Undertaking of new renewable energy commitments in South East Europe
- Improving the understanding of design and implementation of renewable energy targets in Central Asia

Completed Roadmaps in UNECE’s countries:

✔ Germany  ✔ Poland  ✔ Russian Federation  ✔ Ukraine  ✔ USA
Strengthening of Enabling Frameworks
Policy, regulatory and technical

- Capacity building
- RE Support Schemes
- Capacity building
- RE Socio-Economic Benefits
- Capacity building and advisory
- Streamlining Administrative Procedures
- Capacity building and advisory
- RE Grid Integration
IRENA–Energy Community Joint Workshop on **Renewable Energy Auctions**
Vienna, March 2017

- support instruments for renewable energy
- design and implementation of the auction-based support schemes - best practices from Europe and beyond
- implications of different auction approaches
WHAT’S NEXT?

- to support EBRD’s efforts in refining its approach to competitive processes for the RE procurement
- to contribute to the work of the Energy Community Secretariat
- to analyse auction design in the Republic of Moldova (as a part of RRA)
- to improve the understanding of design and implementation of support schemes in Central Asia

Number of countries with renewable energy policies, by type:

- FIT (FIP)
- RPO
- Auctions

Awareness raising
Socio-Economic Benefits

- **SEE Market Analysis**: Identification of opportunities and constraints for RE market development in SEE; emphasis on socio-economic benefits, incl., job creation

- Improving the understanding of benefits and economic impacts of renewable energy deployment in Central Asia

- **Central Asia Renewable Energy Conference**: Convening international, regional and national stakeholders to better place Central Asia on the global renewable energy agenda

Source: IRENA (2017), Renewable Energy and Jobs – Annual Review 2017
Enhancing capacities to improve the collection of reliable data on renewables, in particular bioenergy.

Upcoming trainings:
South East Europe: 5 – 7 December 2017, Tirana, Albania
Central Asia: 2018
Country Support
Renewables Readiness Assessments

- Backbone of IRENA’s country level engagement
  - Comprehensive assessment of the situation on the ground for RE deployment;
  - Identification of obstacles hindering accelerated deployment
  - Recommendations for short / medium-term action for strengthening policy, regulatory, institutional framework

- Country-initiated, country-led process
- Inclusive and multi-stakeholder process
- IRENA as facilitator

First RRAs in the UNECE region: Azerbaijan and the Republic of Moldova
Requests received in September 2017

Post-RRA Support:
- Technical Assistance
- Advisory
- Capacity Building
Collaboration Opportunities

Group of Experts on Renewable Energy

*Work Plan for 2018 – 2019*

- Exchange of experiences and good practices
- Hard Talks
- RRA in Azerbaijan and the Republic of Moldova
- Facilitation of RE projects development
- International Forum on Energy for Sustainable Development
THANK YOU

Marcin Ścigan
Associate Programme Officer – South East Europe

International Renewable Energy Agency
www.irena.org