

# Status of IRENA's engagement with South East Europe



Renewable Energy Benefits: Can South East Europe realise the full potential of the Energy Transition?

11-12 June 2019, Sarajevo

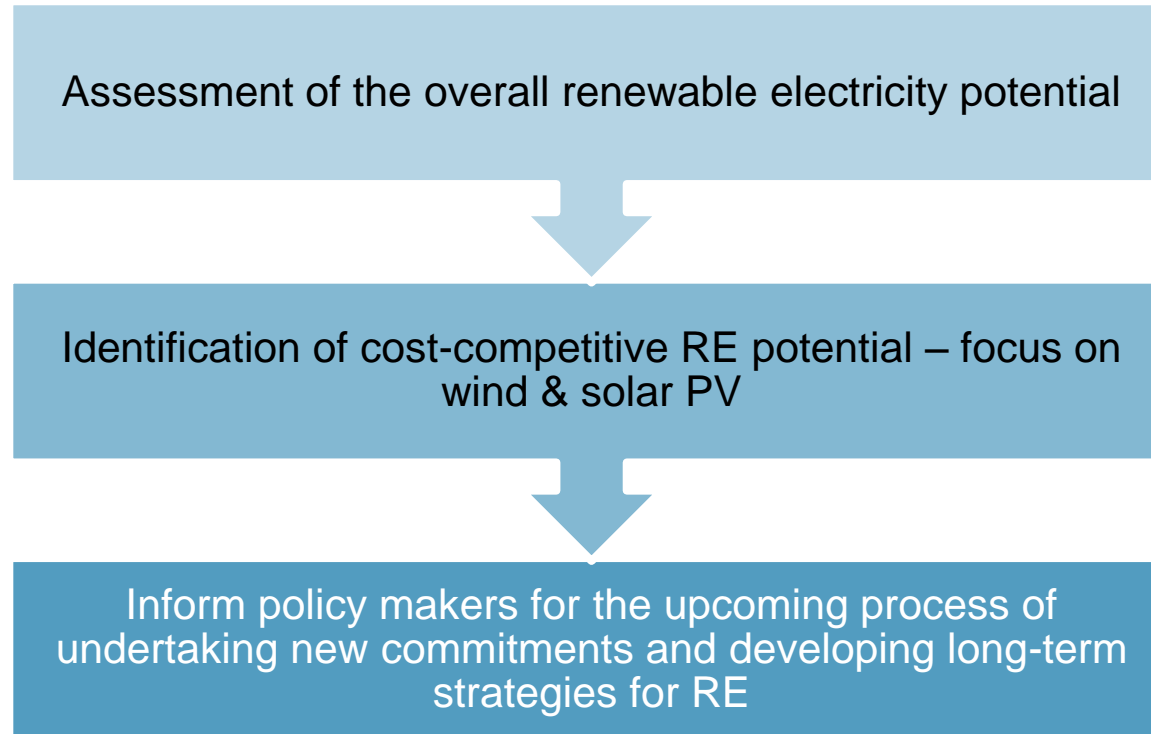
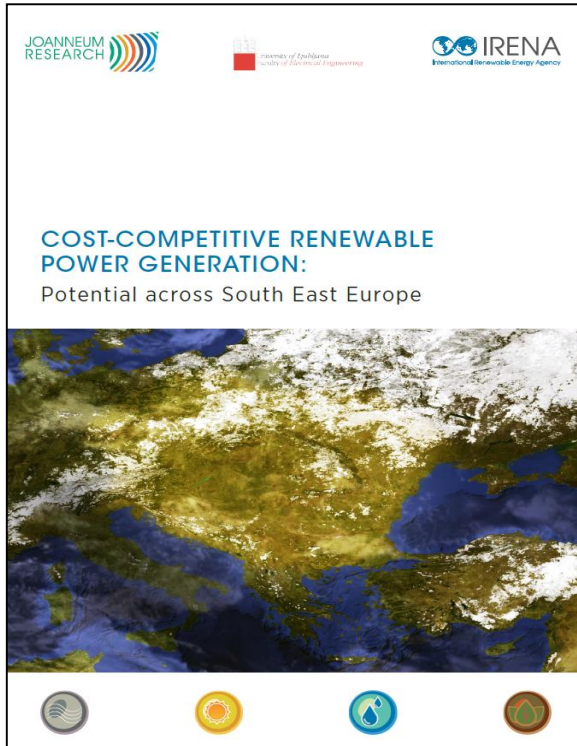
## Abu Dhabi **Communiqué** on Accelerating the Uptake of Renewables in South East Europe

Abu Dhabi, 13 January 2017

### Action Areas

- Mapping renewable energy resources
- Long-term planning for RE deployment
- Enabling frameworks: technical, policy, regulatory, institutional
- Access to finance for renewable energy projects
- Integration of variable renewable energy sources to power system
- Socio-economic benefits of renewable energy

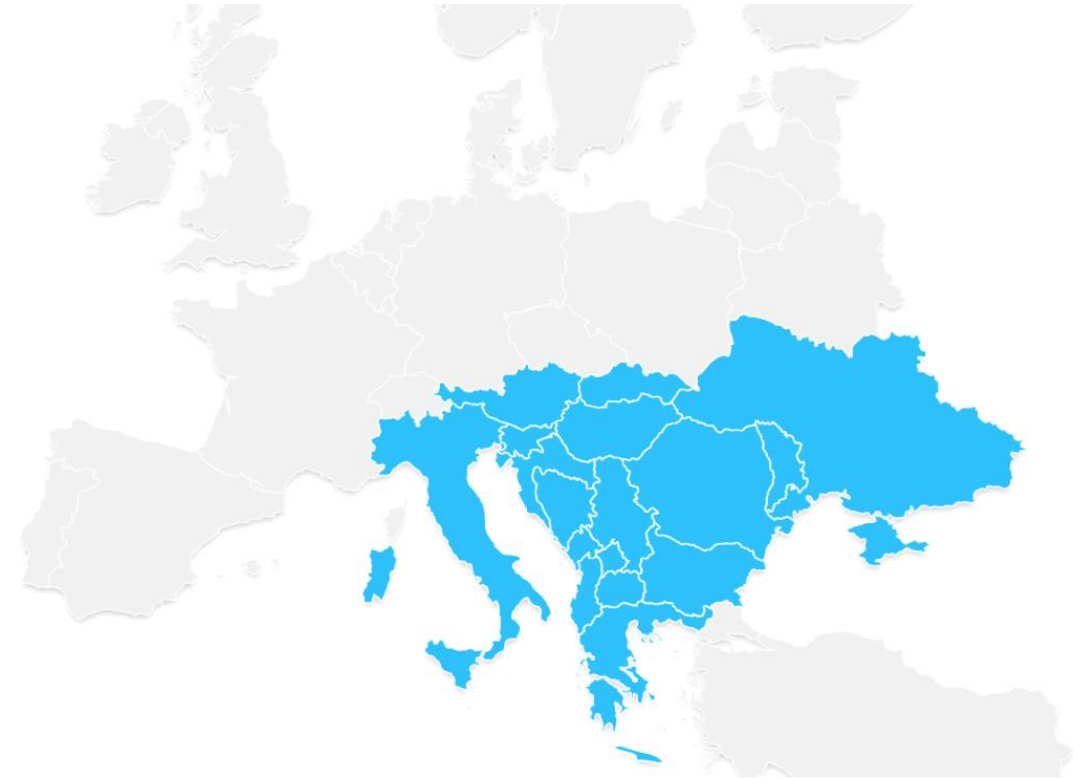




## Cost-Competitive Potential

- ✓ LCOE within the ranges of the fossil-fuel supply options
- ✓ Level of cost-competitive potential today, 2030 and 2050
- ✓ Sensitivity analysis for cost of capital

- To support setting **2030 targets and measures** for implementation
- To assess the expected **renewable energy deployment with policies in place until 2030** (Reference case)
- To identify **cost-effective technical options to accelerate renewables** deployment by 2030.
- Assess the role that renewables can play in the long-term **decarbonization of the region**.
- To identify opportunities for **further regional integration of energy systems**.



The boundaries and names shown on this map do not imply any official endorsement or acceptance by IRENA.

Kick-off workshop

Sectorial workshop

Preliminary findings

October 2018

January 2019

June 2019

December 2019

### Regional Workshop on RE Auctions

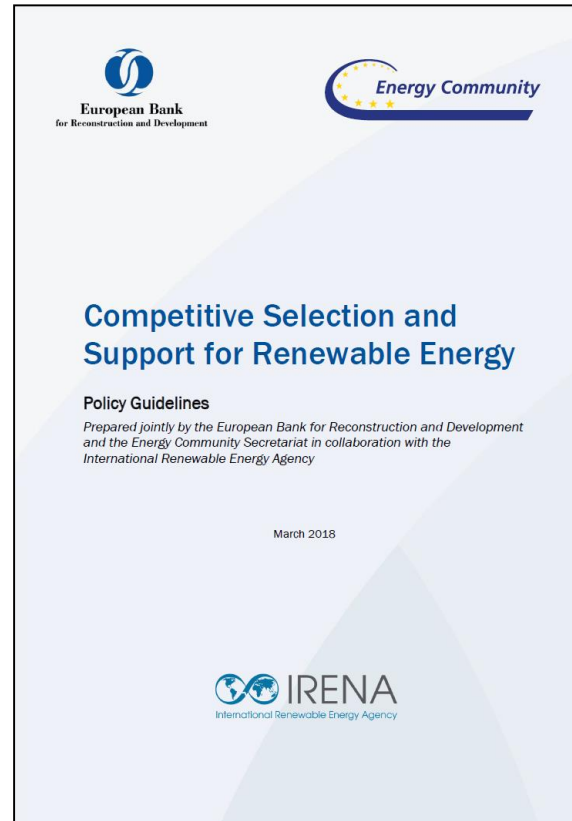
March 2017

- ❑ RE support instruments
- ❑ Best practices on auction-based support schemes
- ❑ Implications of different auction approaches



### RE Auctions Guidelines

March 2018



- ❑ Developed by EBRD and the Energy Community in collaboration with IRENA
- ❑ Targeting Energy Community countries
- ❑ Building on IRENA's *Renewable Energy Auctions: A Guide to Design*
- ❑ Recommendations for auction design:
  - competitive process framework;
  - procurement choices;
  - selection process choices;
  - delivery mechanism of RE support.

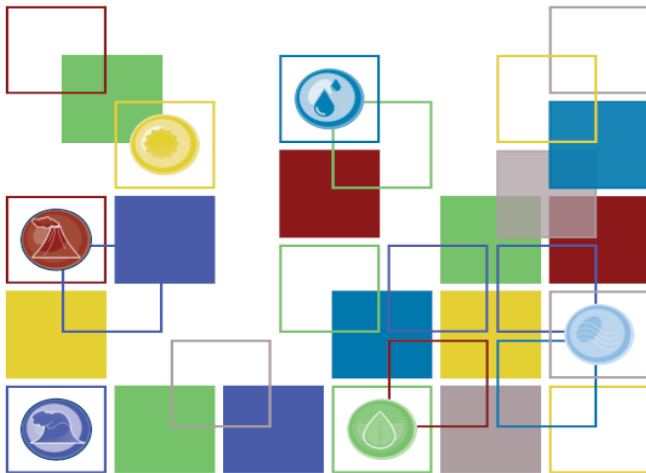
## Regional Workshop on RE Statistics

5 – 7 December 2017, Tirana

Co-hosted by the Ministry of Infrastructure and Energy of Albania



Capacity needs assessment for  
renewable energy statistics



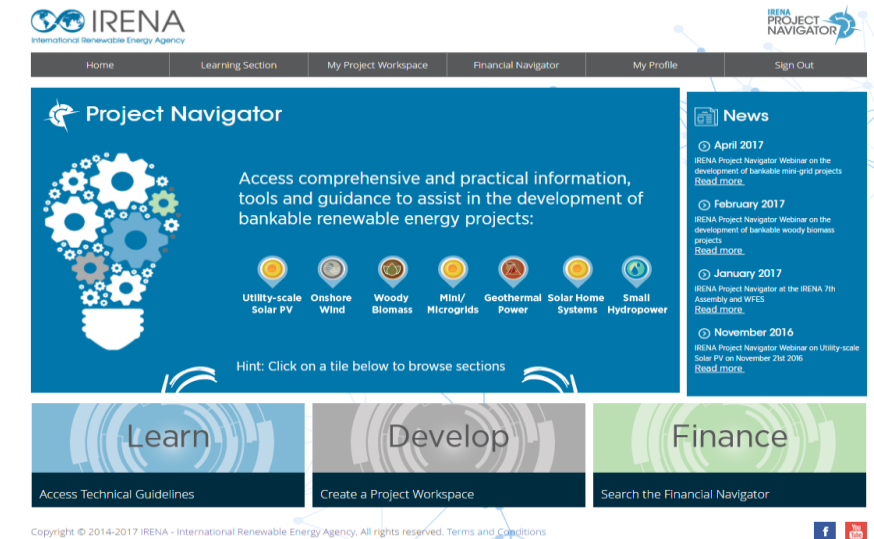
- Discussion on countries' experiences in data collection
- Key requirements for effective data management and data validation
- Energy balances
- Assessment of wood energy measurement and estimates, including:
  - Calorific values
  - Industry residues
  - Wood transformation



# Additional capacity building workshops

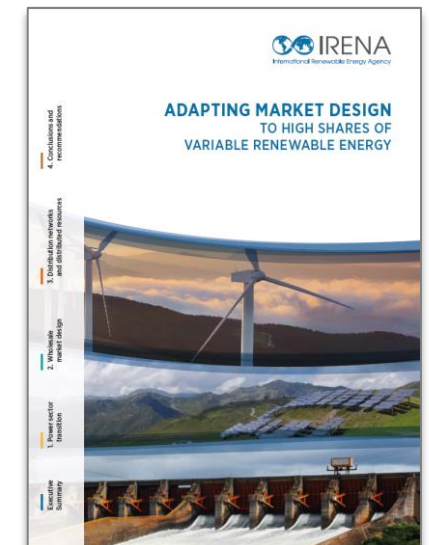
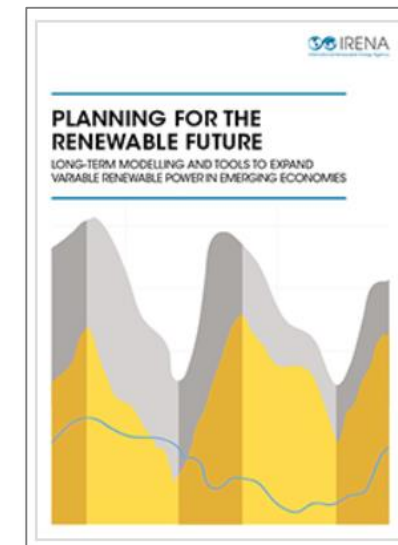
## South East Europe regional workshop - RE project development and financing (June 2018)

- ✓ For representatives of: i) governments; ii) financial institutions; iii) project developers; and iv) academia
- ✓ To build capacities in developing RE projects with particular focus on solar PV, including with regards to improving conditions for financing such projects.
- ✓ Co-hosted by the Ministry of Mining and Energy of Serbia



## South East Europe workshop - Grid Integration of Variable Renewable Energy Sources (November 2018)

- ✓ For representatives of: ministries, TSOs, DSOs, and regulatory offices
- ✓ To discuss the technical, regulatory and operational aspects of the integration of VREs to the power systems

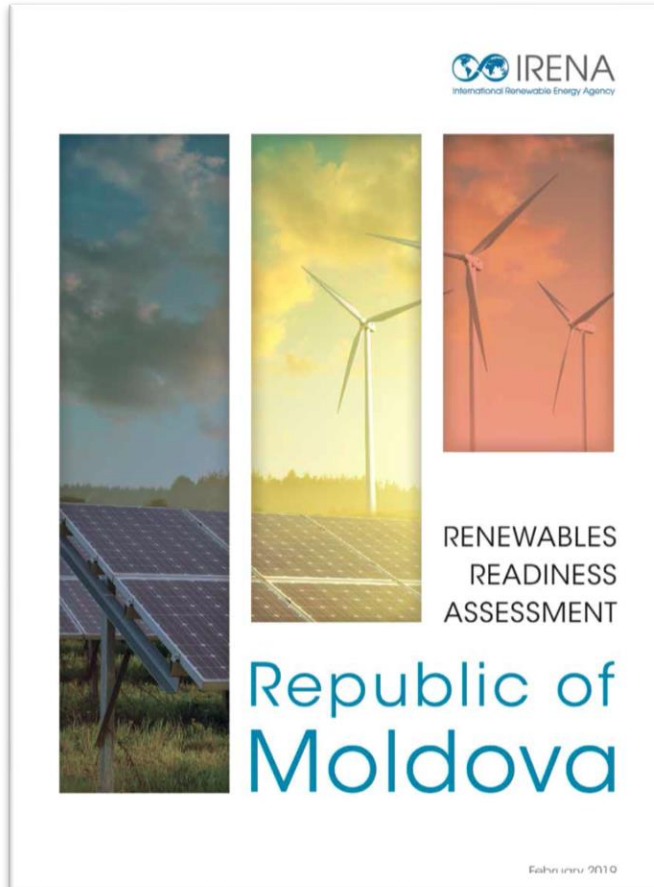


# Regional Market Analysis for SEE

- Present the renewable energy landscape in the region (potential, costs, consumption).
- Focus on the **biomass** sector, potential, production and end-use.
- Assessment of the **RE finance**: investment trends, evolution of the capital mix, key financing barriers.
- Present the **socio-economic benefits** of renewable energy in the region.







- Comprehensive assessment of the situation on the ground for RE deployment
- Identification of obstacles of policy, regulatory or institutional nature hindering accelerated deployment
- Recommending short / medium-term actions to overcome obstacles
- Country-initiated, country-led process, IRENA acts as a facilitator
- Inclusive and multi-stakeholder process promoting consensus
- Process establishing a basis for future collaboration
- Post RRA – Ongoing power system flexibility assessment

✓ **Next country in SEE - Albania**



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