HISTORICAL TIMELINE

» 1980: Idea for international RE organization first proposed

» 1981: Idea considered at UN Conference on New and Renewable Sources of Energy

» 1990: Hermann Scheer (German Parliamentarian) presents memorandum for establishment of international institution on renewable energy

» 2004: 300 parliamentarians from 70 countries call for establishment of IRENA

» 2008: 75 states sign IRENA statute in Bonn

» 2009: UAE wins bid to host IRENA after international campaign

» 2011: IRENA formerly established at 1st Assembly
OVERVIEW

MANDATE
To promote the widespread adoption and sustainable use of all forms of renewable energy worldwide

OBJECTIVE
To serve as a network hub, an advisory resource and an authoritative, unified, global voice for renewable energy

SCOPE
All renewable energy sources produced in a sustainable manner

BIOENERGY  GEOTHERMAL ENERGY  HYDROPOWER  OCEAN ENERGY  SOLAR ENERGY  WIND ENERGY
KEY FACTS

» Established in 2011
» First global intergovernmental organisation headquartered in Middle East
» Headquarters in Masdar City, Abu Dhabi, UAE
» IRENA Innovation and Technology Centre – Bonn, Germany
» Permanent Observer to the United Nations – New York
MEMBERSHIP

160 Members
28 States in Accession
PRINCIPAL ORGANS

ASSEMBLY

SECRETARIAT

COUNCIL
ASSEMBLY

» Agency’s supreme decision-making body that convenes once yearly

» Includes a delegation from each IRENA Member

» Discusses and approves Work Programme and Budget

» Guides programmatic and strategic direction

» Provides global convening platform on renewable energy topics
COUNCIL

» Consists of **21 IRENA Members** elected by Assembly

» Convenes **twice yearly**

» Facilitates **consultations and cooperation** among Members

» Considers **programmatic, strategic and institutional matters**, including draft Work Programme and Budget

» Assists in decision-making with **recommendations** to Assembly
SECRETARIAT

» Consists of Director-General (Mr. Francesco La Camara since beginning of 2019) and staff

» Prepares Work Programme within framework of IRENA’s mandate

» Implements programmes and provides progress reports to Membership

» Communicates with Members and other stakeholders

» Facilitates communication among Members

» Establishes cooperation and creates synergies to deliver on IRENA’s mandate
DIVISIONS OF THE SECRETARIAT

» COUNTRY SUPPORT AND PARTNERSHIPS
  - Assists countries and regions to accelerate their transition to renewable energy

» INNOVATION AND TECHNOLOGY
  - Provides cutting-edge data and analysis, highlighting new pathways for the global transition to a sustainable energy future

» KNOWLEDGE, POLICY AND FINANCE
  - Maintains a growing knowledge repository and serves as a centre of excellence for renewable energy policy and finance

» STRATEGIC MANAGEMENT AND EXECUTIVE DIRECTION
  - Coordinates and integrates all aspects of IRENA's work to promote renewable energy worldwide

» ADMINISTRATION AND MANAGEMENT
  - Maintains IRENA's information-technology backbone, enabling efficient workflow
  - Coordinates communications, governance, legal affairs, membership services and remote locations
  - Provides essential infrastructure, building management, maintenance and logistical support
  - Includes membership services and publications
KEY WORK AREAS

PROGRAMS  PRODUCTS
High-Level Meeting on Renewable Energy in South East Europe
ABU DHABI, UNITED ARAB EMIRATES
13 January 2017

ABU DHABI COMMUNIQUÉ ON ACCELERATING THE UPTAKE OF RENEWABLES IN SOUTH EAST EUROPE

Heads of Delegation to the High-Level Meeting on Renewable Energy in South East Europe, from Albania, Bosnia and Herzegovina, Croatia, Montenegro, the Republic of Moldova, Romania and Serbia met in Abu Dhabi, United Arab Emirates, on 13 January 2017, to discuss the challenges in South East Europe’s transition to a sustainable energy future and to identify collaboration opportunities between the International Renewable Energy Agency (IRENA) and the region for accelerated deployment of renewable energy.

The Heads of Delegation stressed that the South East Europe region is committed to scaling up renewable energy, as envisaged in the adoption of targets for 2020 and the development of National Renewable Energy Action Plans (NREAPs) to achieve higher levels of investment. They confirmed their governments’ intention to further accelerate renewable energy development, in line with the 2030 Climate and Energy Policy Framework for the European Union, adopted by the European Council in October 2014.

The Heads of Delegation emphasised ongoing efforts across the region to tackle the major challenges hindering renewable energy uptake and to create more conducive enabling frameworks for renewable energy investments.

They noted that increasing deployment and continued technological innovation have led to sharp cost reductions and improved cost-effectiveness, particularly for solar photovoltaic and wind energy. They also recognised the broader macroeconomic impact of renewable energy deployment, along with notable socio-economic benefits, such as creating employment, developing local manufacturing capacity, avoiding health and environmental costs, and addressing climate change.

The Heads of Delegation took note of the results of IRENA’s publication, Cost-Competitive Renewable Power Generation: Potential across South East Europe, which underscores the region’s vast resource potential for hydropower, wind, solar PV and biomass that can be deployed in a cost-effective manner already today.

The Heads of Delegation also commended IRENA for scaling up its engagement to support efforts at accelerating deployment of renewables in the region and, in this context, welcomed the regional consultative process undertaken by IRENA.
• Heads of Delegation to the High-Level Meeting on Renewable Energy in South East Europe, from Albania, Bosnia and Herzegovina, Croatia, Montenegro, the Republic of Moldova, Romania and Serbia met in Abu Dhabi, United Arab Emirates, on 13 January 2017, to discuss the challenges in South East Europe’s transition to a sustainable energy future and to identify collaboration opportunities between the International Renewable Energy Agency (IRENA) and the region for accelerated deployment of renewable energy.

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IRENA’s Renewable Energy Roadmap

- Explores how to accelerate renewable energy deployment
- Identifies RE technology options for countries and sectors (i.e. power, transport, industry, residential, services)
- Assesses policy and investment implications
- Outlines benefits (economic, social, environmental)
- REmap as input for countries’ energy plans
- The Global report as reference for national scenarios
- In cooperation with 70 countries
- More than 40 publications to date and datasets
IRENA’s Regional REmap studies

A regional approach to renewable energy can be more efficient and maximise impact by:

- Providing a platform for exchanging views on policy making, planning, investment, stakeholder engagement, etc.
- Sharing best-practices and experiences
- Assessing aggregated impact of national plans
- Identifying areas to improve long-term planning
- Benchmarking of ambition, e.g. in RE, climate, etc.
- Identifying synergies in e.g. infrastructure development
- Optimizing the best resources available within the region
- Creating economies of scale for market players
IRENA’s workplan for SEE is closely aligned with that of CESEC, as one of the elements of the CESEC action plan is to analyse RE potential with a 2030 perspective.

Since the beginning of last year, we have been working on a REmap analysis (a renewable energy roadmap) to 2030, in close cooperation with the European Commission and also with support from the Energy Community.
REmap analysis for CESEC countries

1. Intro: objectives and approach
2. High level findings
3. Key renewable options
4. Sectoral results
5. Conclusions
REmap for CESEC countries - objectives

- 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.
REmap approach

1. What is the outlook of renewables with current / planned policies by 2030? (Reference Case)

2. What is the additional potential of renewables beyond the Reference Case? (REmap Options)

3. Reference Case + REmap Options = REmap Case

4. What are the costs and benefits (i.e. investments, system costs, avoided externalities) and policy implications of the REmap Case?
Reference cases to 2030. Key sources

- EU Reference Scenario 2016
- Ukraine Energy Strategy to 2035
- Moldova Energy Strategy to 2030
- DNV GL study for WB6
- Italian draft NECP
• The ReMAP study is in its final stages and will be presented by the ReMAP Team shortly....
GLOBAL GEOTHERMAL ALLIANCE

» Launched at COP21

» Brings together key geothermal stakeholders to increase the share of geothermal energy in the world’s energy mix through both power generation and direct heat.

» Joined by 38+ countries and 20+ partner institutions.

» Areas of activity:
  • Platform for dialogue, cooperation and coordination
  • Customized technical assistance and advisory support
  • Capacity building
  • Outreach and awareness-raising
RENEWABLES READINESS ASSESSMENTS

- Country-led, collaborative process to shape national action plans
- Identifies effective policies for renewable energy deployment
- Helps craft investor-friendly regulations
- Framework for future IRENA engagement and advice
- Undertaken by 22+ countries
• Mr. Luis Janeiro
  Programe Officer ReMAP

• Ms. Hurrem Cansevdi
  South East Europe Regional Officer