

Introduction to workshop: Doubling the share of renewables – A Roadmap to 2030

IRENA workshop “Doubling the Share of Renewables: A Roadmap to 2030”
14 November, IRENA HQ, Abu Dhabi

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IRENA role in Sustainable Energy for All

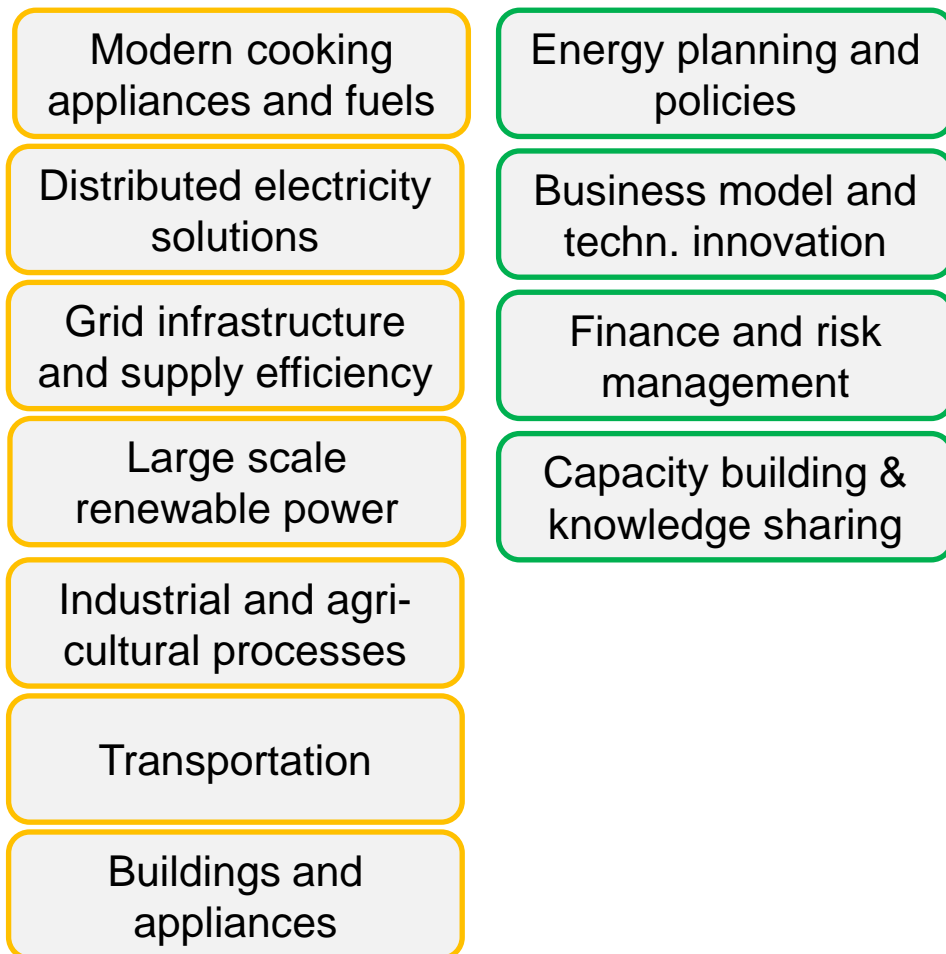
- 2012 Year of Sustainable Energy for All
- An initiative of the United Nations Secretary General
 - Public-Private Partnership
- A High Level group advises the Secretary General
 - CEOs, heads of international agencies etc.
 - Adnan Amin is a member of the high level group
- Three objectives
 - Universal access modern energy services
 - Doubling the rate of energy efficiency improvements
 - Doubling the share of renewables
- IRENA has supported High Level group
 - Provided input on different renewable energy technology options
 - Technical expertise and quantitative analysis for targets
 - Active role of IRENA in the SE4ALL roll-out in Rio

SE4ALL structure



IRENA Initiatives – based on the WP

- REMAP2030
- Renewable Readiness Assessments
- Initiative on Renewables and Islands
- Technology Roadmap on Renewables in Cities
- Global Renewables Resource Map
- Renewable Energy Learning Partnership
- ADFD



Next steps on SE4ALL and IRENA engagement

- Decision to continue the process beyond 2012
- New advisory board is being established co-chaired by UN SG and World Bank President
 - New executive committee chaired by Chairman Bank of America
- New support office in Vienna - *this is not an Agency*
- Various hubs are under discussion, including a renewable energy hub
 - Strong country support for IRENA lead on renewables during UN General Assembly event in September
- Global tracking report under development
 - IRENA as co-author
- IRENA initiative to develop a roadmap for the renewables objective (REMAP)

IRENA REMAP 2030

- The roadmap will
 - Explore pathways to meet the doubling objective for 2030
 - Act as a bridge between developed and developing countries (global action needed)
 - Inform future IRENA programming
 - Inform the SE4ALL process, and its follow-up framework
 - Upon request, inform member countries regarding their opportunities
- Process started in 2012
 - 1st workshop 5. September, Malta
 - 2nd workshop 14. November, Abu Dhabi
- First report targeted for January 2013
 - Followed by refinements for regions/countries/sectors/technologies
- This is intended to be a continuous process, not one-off report
- Country engagement is critical

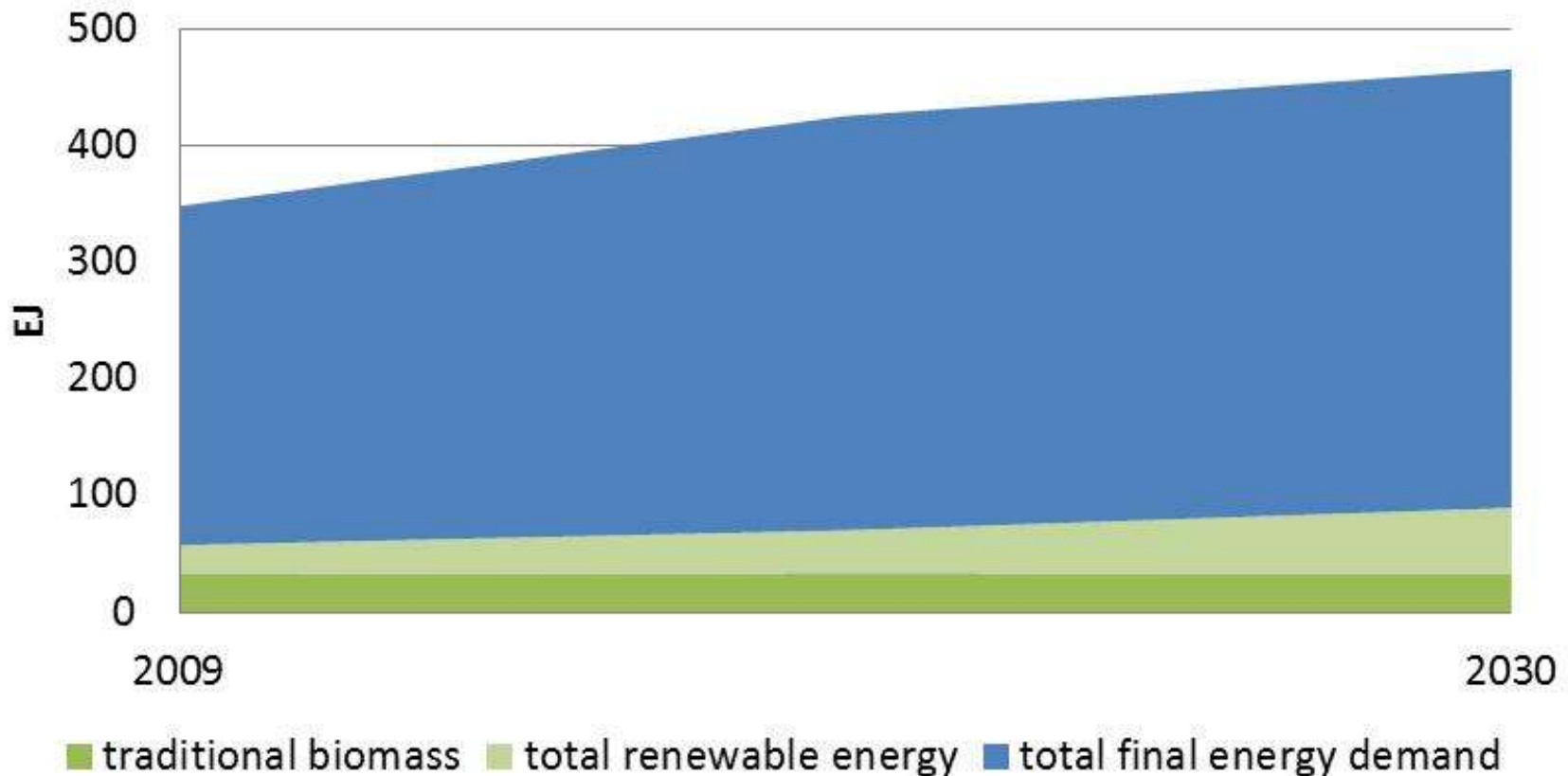
Roadmap process

1. Formulation of vision – Doubling the share of renewables in 2030
 2. Level of challenge – Identifying different pathways to achieve the SE4ALL objective
 3. Identifying the gap – Evaluating current and future national renewable energy plans
 4. Developing concrete actions – *Sectoral approach* to develop cross-cutting recommendations applicable to multiple regions and countries
 5. Country analysis – Upon request, based on REMAP data.
- The roadmap will be continuously updated.

Scale of Challenge

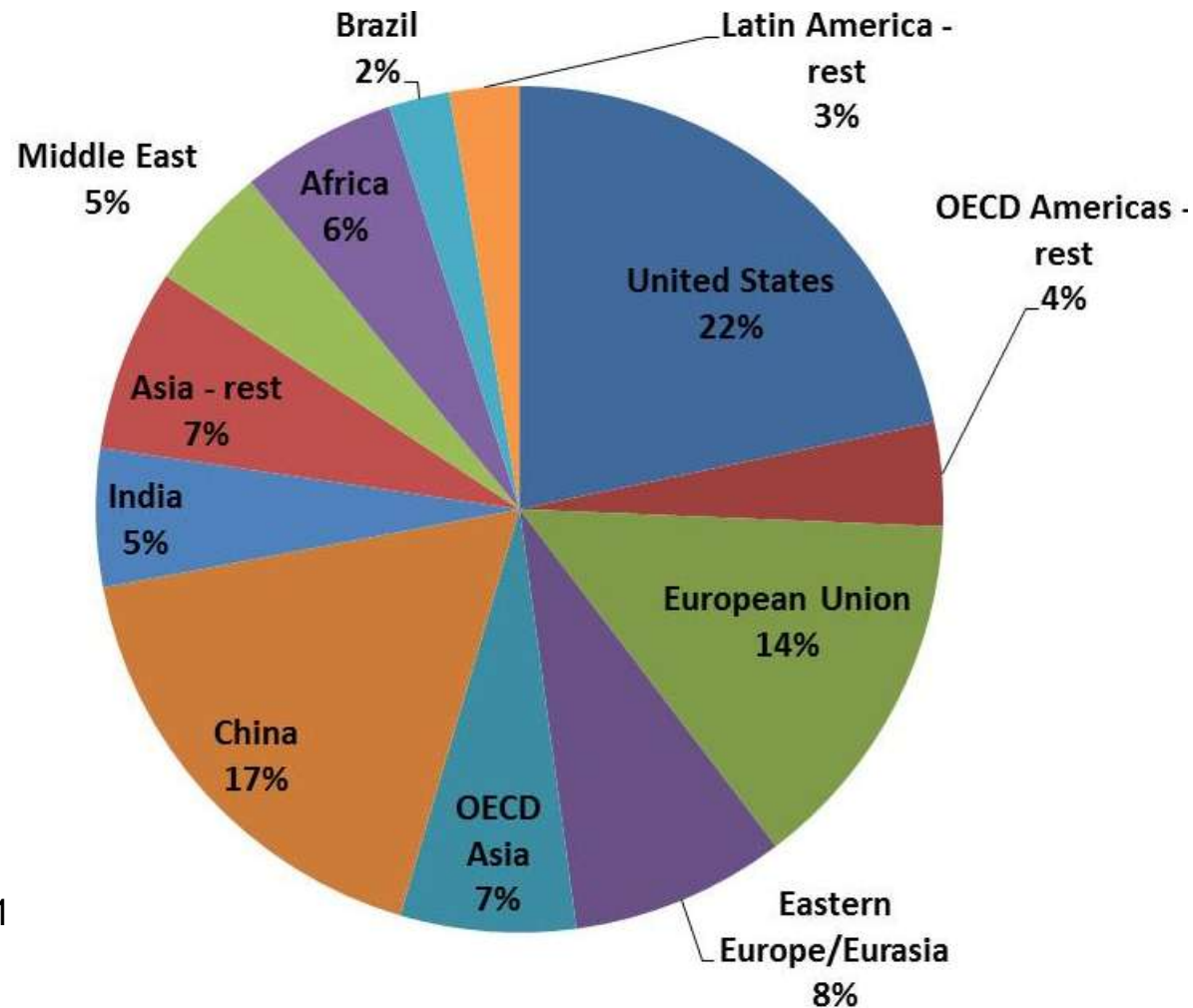
Global energy demand

Source: WEO 2011



Scale of Challenge

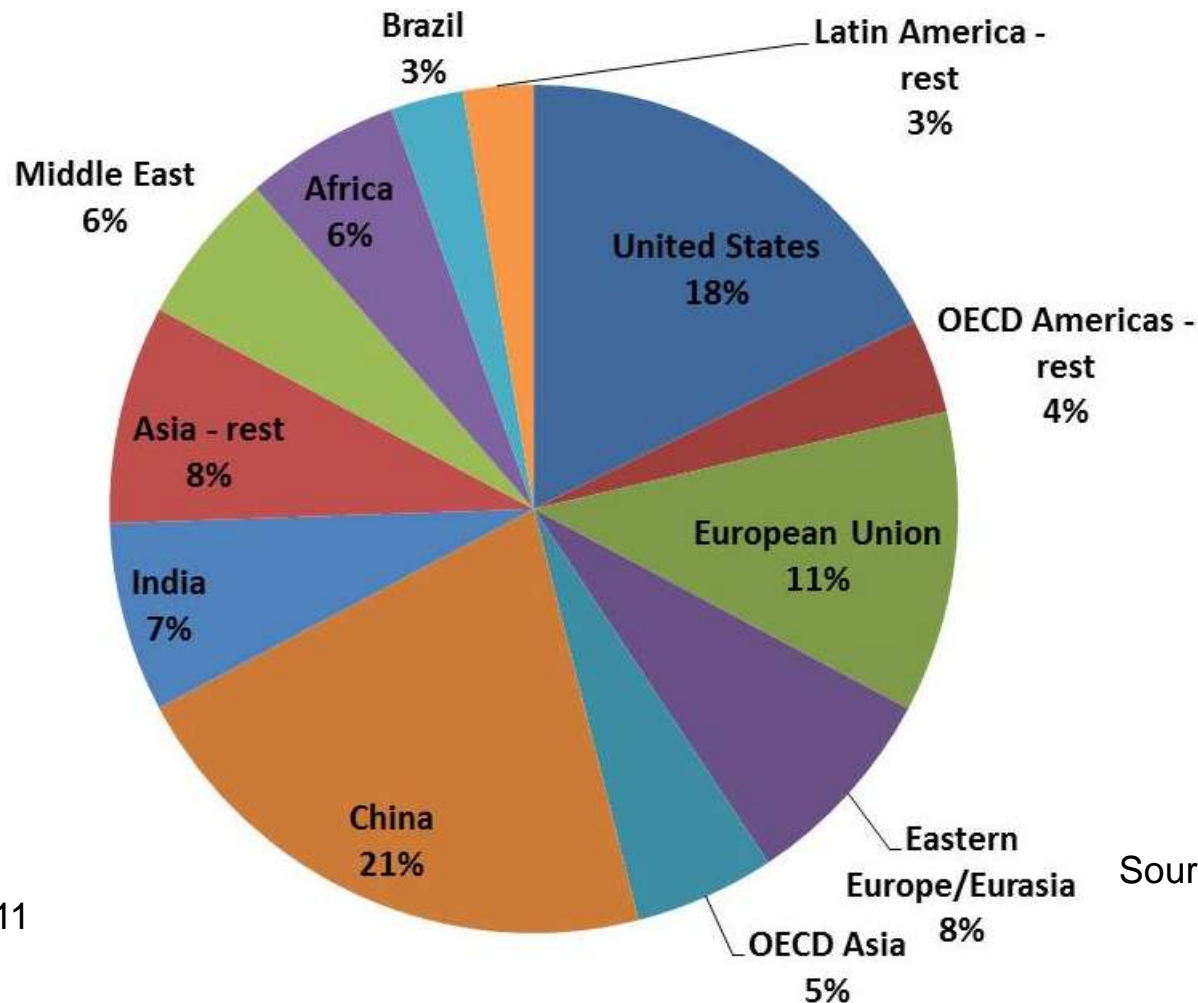
2009



Source: WEO 2011

Scale of Challenge

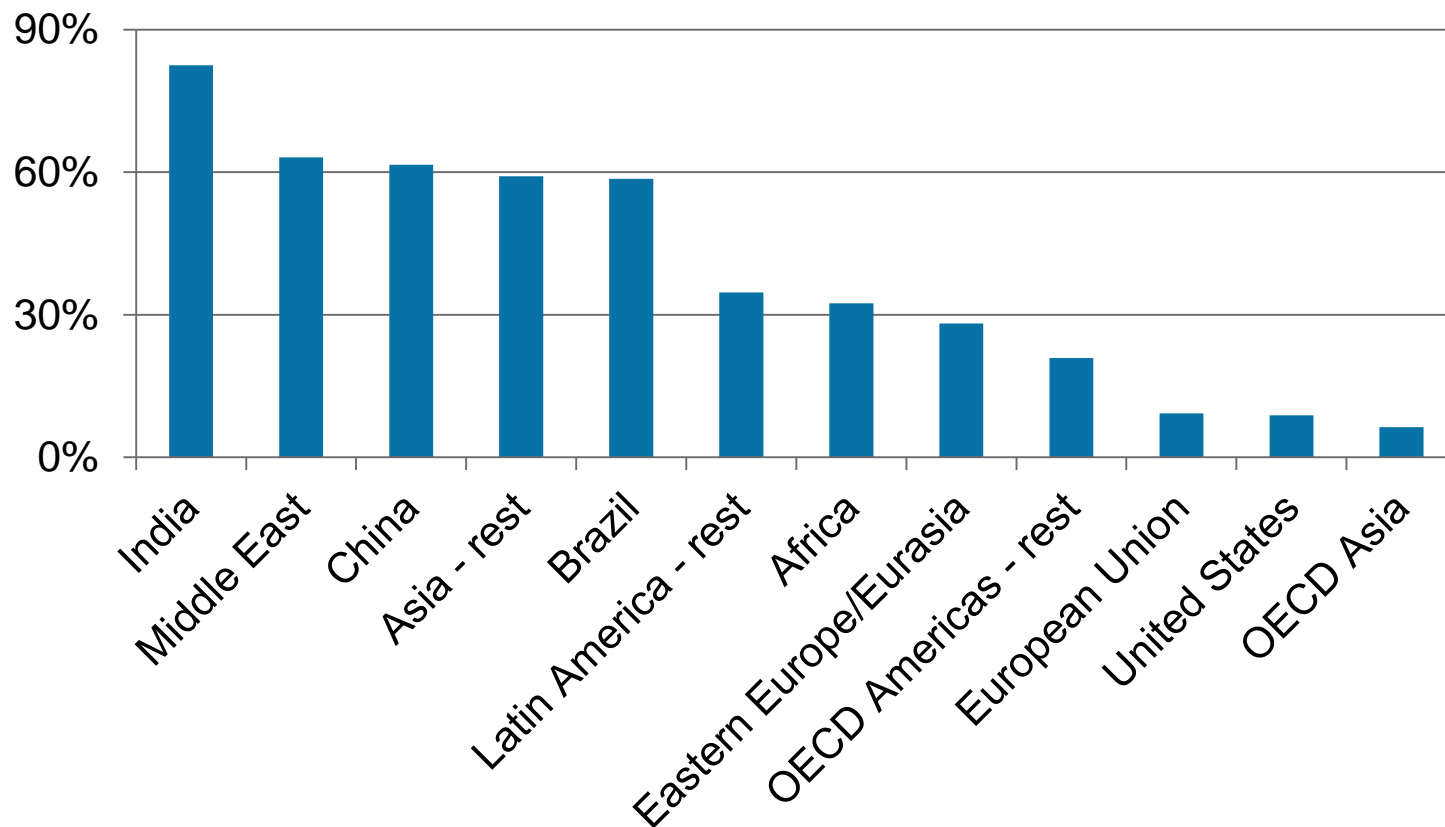
2030



Source: WEO 2011

Source: WEO 2011

Scale of Challenge



Source: WEO 2011

% growth 2009-2030

Aim of the workshop

- **IRENA's draft global Renewable Energy Roadmap 2030 (9.30-10.30)**
- **Developing REMAP 2030: Model assumptions and key parameters (11.00 – 12.30)**
- **Implementing REMAP 2030: From pathways to actions (13.30 – 15.30)**
- **Updating REMAP 2030: The role of country engagement (16.00 – 17.30)**