



**REN21 – JREF’s partner on a  
global level**

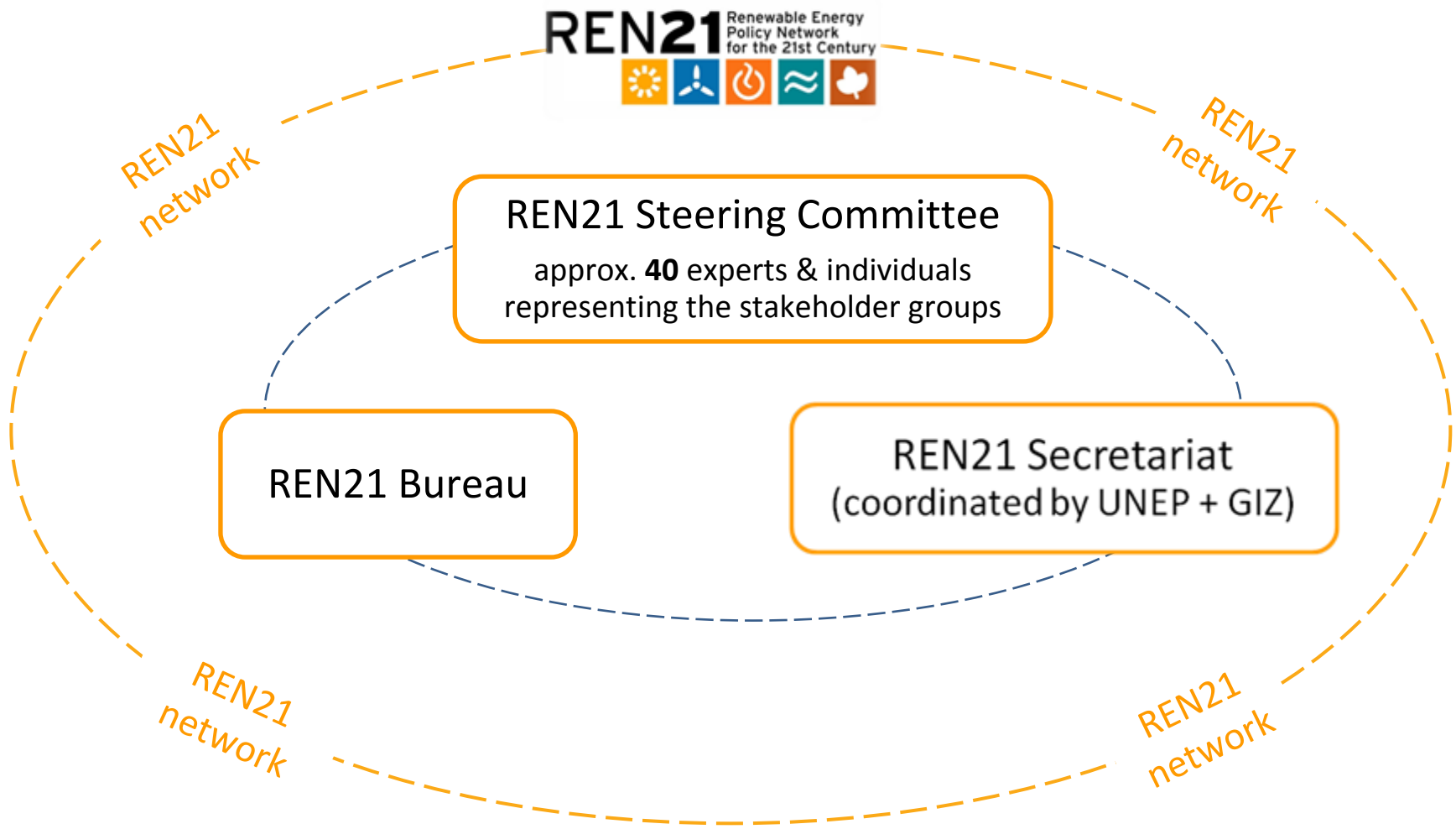
[www.ren21.net](http://www.ren21.net)

Christine Lins  
Executive Secretary of REN21  
JREF Launching Expert’s Meeting  
Tokyo, 13<sup>th</sup> September 2011

# About REN21

- Founded in the Political Declaration of the **International Conference for Renewable Energies**, in Bonn, Germany, June 2004
- **Multi-stakeholder Policy Network** regrouping national to local governments, international organisations, industry, academia, NGOs, civil society
- **Rationale:** enable a **rapid global transition to renewable energy**
- **REN21's Mission:** Promote policies for worldwide renewable energy expansion through
  - objective **policy guidance**
  - high quality **information**
  - **exchange** between relevant actors

# Organisation of REN21



# REN21 Renewables Global Status Report

[www.ren21.net/gsr](http://www.ren21.net/gsr)

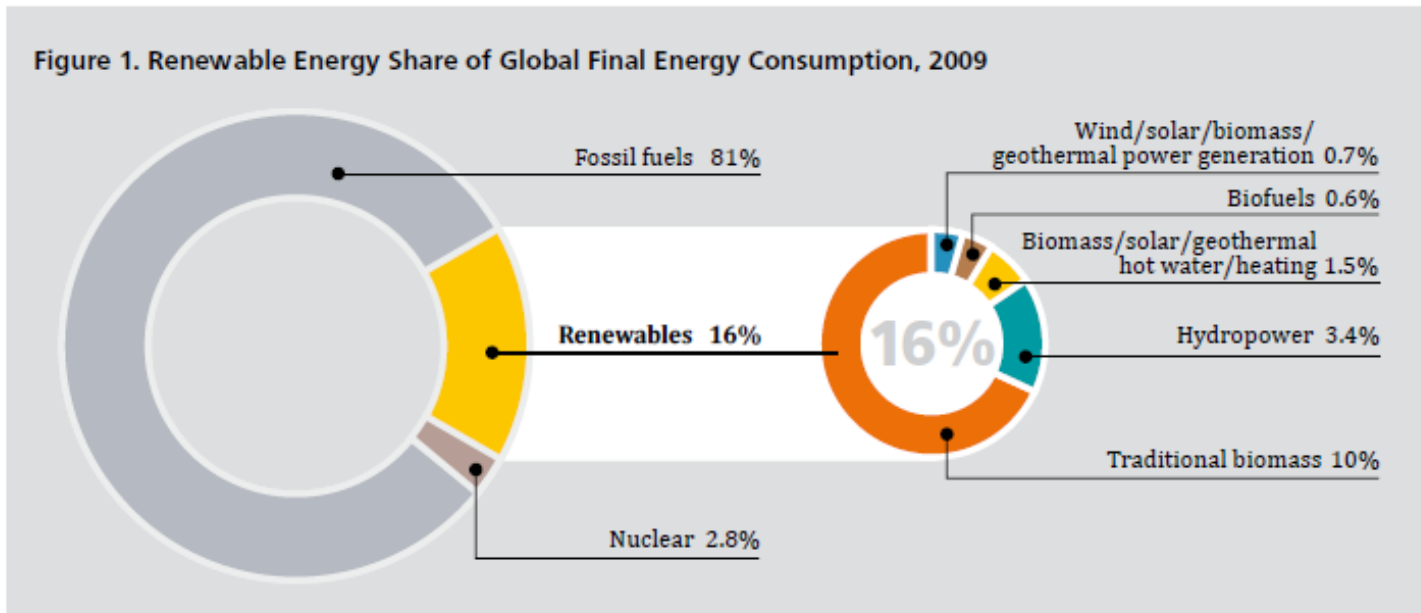
- Annual publication since 2005
- Comprehensive overview on global renewable energy **situation & key trends**

*Global Market Overview, Investment Flows, Industry Trends, Policy Landscape, Rural Renewable Energy*

- All renewable energy technologies
- Sectors: power, heating/cooling, transport
- team of over **150 researchers & reviewers** worldwide
  - Lead author (J. Sawin) & Research director (E. Martinot)
  - Technology contributors & Regional contributors
  - REN21 Secretariat research support team



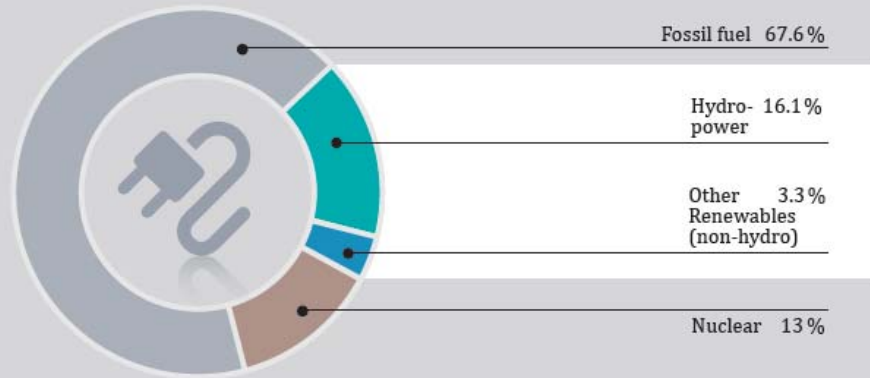
# Renewable Energy in 2010



- Global energy consumption **rebounded** in 2010 (+5,4%) after downturn in 2009
- **Renewable energy**, which experienced no downturn in 2009, continued to **grow strongly** in all end-use sectors
- In 2009, RE supplied an estimated **16% of global final energy consumption**
- Distinct RE markets: power, heating/cooling, transport, rural energy

# Global Market Overview – Power Markets

Figure 3. Renewable Energy Share of Global Electricity Production, 2010



Source: See Endnote 6 for this section.

- Renewable energy delivered close to **20%** of **global electricity production**
- Renewable capacity comprises about **25 %** of **total global power-generating capacity**
- RE accounted for roughly **half** of the 194 GW of **new power generating capacity** (including all hydropower) in 2010

# Investment Flows

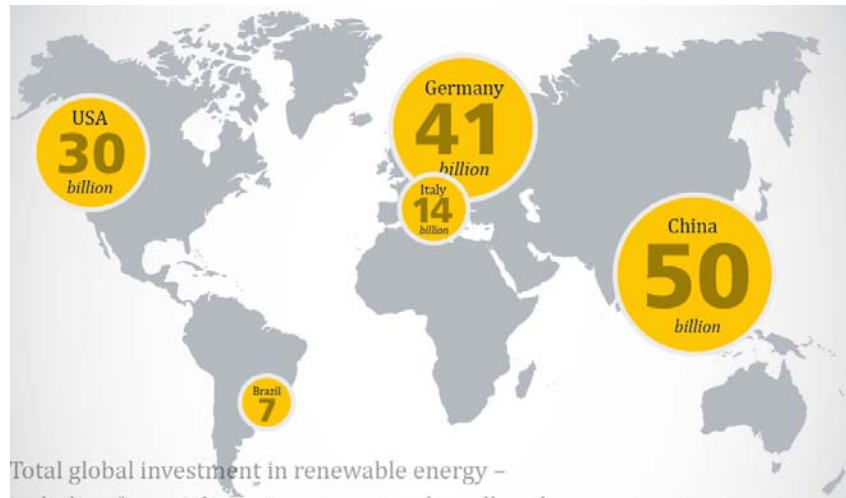


Figure 12. Global New Investment in Renewable Energy, 2004–2010



- **Total global investment** in RE jumped in 2010 to a **record of \$211 billion**: top countries for total investment in 2010 : China, Germany, US , Italy, Brazil
- For the first time, financial new investment in RE in **developing countries surpassed** that in developed economies.
- **Asset finance of new utility-scale RE projects** (wind farms, solar parks, biofuel and solar thermal plants), reached **\$128 billion** in 2010, almost **60%** of the total

- RE policies increased in number: The number of countries with RE targets or policies **more than doubled** between **2005** and **2011**, from **55** to **118**
- In 2010, the lack of long-term policy certainty and stability in many places (consequence of continuing cost reductions, economic crisis) became a strong factor for RE markets → funding cuts e.g. in France, Germany, Spain, Italy, UK
- Renewable power generation policies exist in at least **96 countries**, more than **half** of which in **developing countries** or “emerging economies”
- Of all the policies employed by governments, **feed-in tariffs** (also called premium payments, advanced renewable tariffs, and minimum price standards) remain the most common.
- By early 2011, at least **61 countries** and **26 states/provinces** had **FITs**, more than half of which had been enacted since 2005.



# REN21 Renewables Interactive Map



- Informs on **renewable energy policy**
- Tracks **worldwide RE** development
- **Gathers and shares** information on RE policy and development
- Provides automatic & easy to use **reports**

[www.map.ren21.net](http://www.map.ren21.net)

# Further Information

**Christine Lins**

Executive Secretary of REN21

**REN21 Secretariat**

c/o UNEP

United Nations Environment Programme

15, Rue de Milan

F-75441 Paris CEDEX 09

France



**[christine.lins@ren21.net](mailto:christine.lins@ren21.net)**



**[www.ren21.net](http://www.ren21.net)**