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# Information Is Influential

## Challenges in Renewable Energy Data

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REN21



**EGRM-11 Special session**  
**Overcoming barriers to scaling up Renewable Energy**  
**23 September 2020**

# REN21: Community of Changemakers

Decentralised intelligence to drive RE



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The only **global community** of renewable energy actors from science, academia, NGOs, governments, and industry – 83 members.

Our more than **2,000 community members** co-operate collecting information, changing norms and debating.



We build upon a **decentralised intelligence**, ensuring high responsiveness to an ever changing environment.

Our **annual publications** are probably the world's most comprehensive, crowdsourced reports on renewables.

# Strong Data and Reporting Culture

Making the invisible, visible



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- Build on **multi-stakeholder expert community** that allows to consolidated disperse information
- Consolidate **formal and informal data** that is validated in an open peer-review process
- Full transparency on **sources**
- Peer review as collaborative validation process
- Provide fact-based evidence and develop a supportive narrative to shap the global debate, since 2005.

# Geographical? Thematic?

Where are the biggest gaps?



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- Global situation evolving; still hard at the regional level
- At the regional/national levels, the challenge lies in:
  - Investments data
  - Distributed renewables
  - End-use sectors
- City-level energy data is limited and outdated



Most focus is on the power sector.

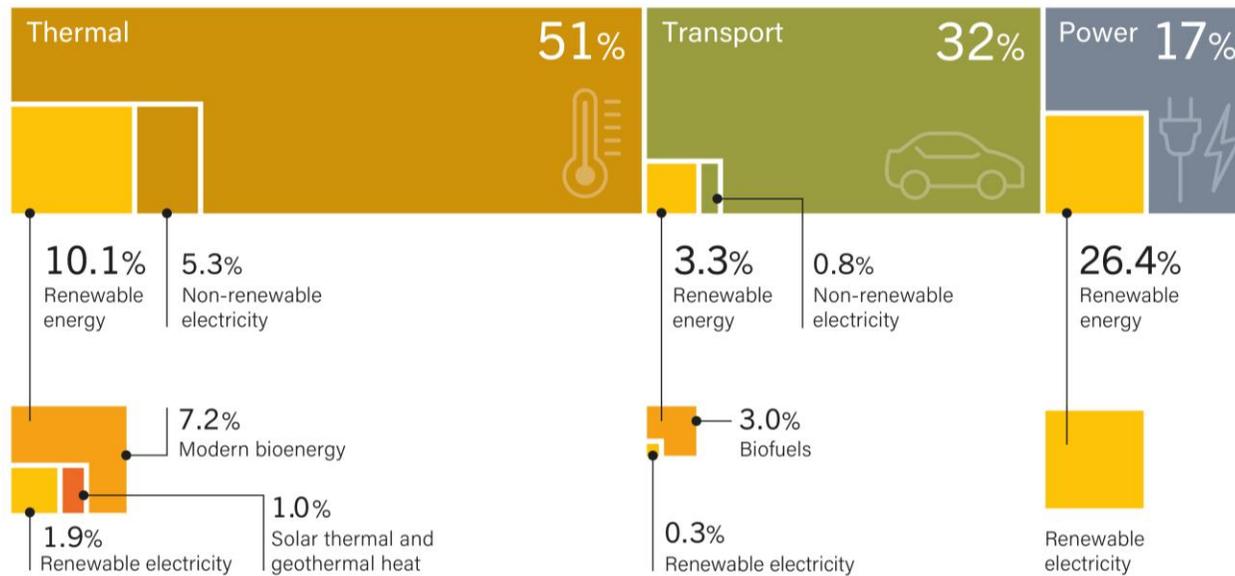
But the **greatest urgency** is in heating, cooling and transport.

# Evidence as a vehicle to influence

## Reporting on the *Sectoral Disconnect*



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Renewable Share of Total Final Energy Consumption, by Final Energy Use, 2017

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But the **greatest urgency** is in heating, cooling and transport.

# Where is the money flowing?

Insights from REN21's 2019 Asia-Pacific report



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**Home to 10 of top 25 countries subsidising fossil fuels**

Central Asia incurs large costs - 5% to over 25% of GDP



**Investments are dominated by China and India**

Creates an uneven sense of progress

**Data is the biggest challenge**



**Demand is rising – large coal capacity to meet demand**

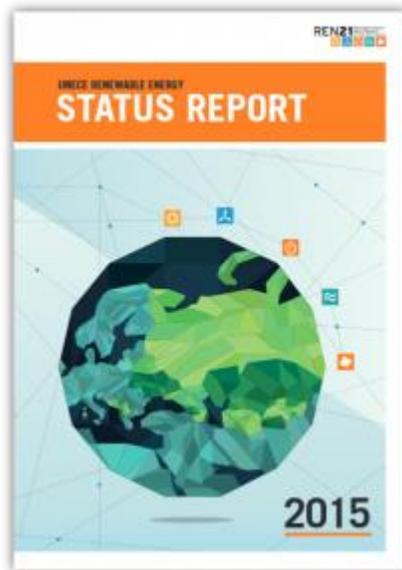


# Next REN21-UNECE status report

Building on 2015 and 2017 editions



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

# Thank you

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



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