

The UNECE Group of Experts on Renewable Energy (GERE)

- **Report on the Implementation of the Work Plan 2014-2015**
- **Work Plan 2016-2017**

24th Session of the Committee on Sustainable Energy
19 November 2015



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WP 2014-2015
and
WP 2016-2017

- November 2014:
1st GERE session:
Work Plan 2014-2015
- October 2015:
2nd GERE session:
Work Plan 2016-2017

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Work Plan 2014-2015

- Identification of the state of development of renewable energy sources in the UNECE region
- Identification and support to those communities in the UNECE region that have no access to energy
- Exchange of know-how and best practices in the UNECE region on how to help significantly increase the uptake of renewable energy.

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Key deliverables in 2014-2015

- Status report in the UNECE region – November 2014 &
- UNECE Renewable Energy Status Report with REN21 and in cooperation with IEA – December 2015
- Access to energy services in the ECE region (Discussion paper, November 2014); UNECE RE status report: access in all region: quality issue, December 2015
- A Framework For Developing Best Practice Guidelines to Accelerate Renewable Energy Uptake - February 2015
- Menu of Efficient and Economic Technologies and Policies: a Practical Framework for Best Practices and Policies – October 2015

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Work Plan 2014- 2015 – Deliverables on:

Identification of the
state of development
of renewable energy
in the UNECE region

- Status report in the UNECE region based on existing data, November 2014 – data and info gap;
- Key findings from the on-going process with REN21: new data and responses to questionnaire, focus on 17 countries – October 2015 (ECE/ENERGY/2015/8);
- UNECE Renewable Energy Status Report with REN21 and in cooperation with IEA – December 2015.

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- With REN21 and in cooperation with IEA (Dec. 2015)
- Close data and info gaps on RE
- 17 Selected Countries
- Launched at COP21

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Work Plan 2014-2015 – Deliverables on:

Identification and support to those communities in the UNECE region that have no access to energy

- Discussion Paper on Access to energy services in the ECE region, November 2014: data from GTF 2013 = 9 UNECE countries with no access to electricity
- REN21 – UNECE Renewable Energy Status Report – questionnaire and GTF database 2015 = access to electricity for all UNECE countries
- Outcome: Energy Access in the UNECE region is more an issue of quality of energy access (reliable, affordable and sustainable)

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Work Plan 2014- 2015 –

Deliverables on:

Exchange of know-how and best practices in the UNECE region on how to help significantly increase the uptake of renewable energy.

- Discussion Paper on Discussion Paper 3: A Framework For Developing Best Practice Guidelines to Accelerate Renewable Energy Uptake, November 2014;
- Menu of Efficient and Economic Technologies and Policies in the UNECE Region. Working document as Practical Framework for Best Practices and Policies

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A Practical framework
for best practices and
policies to promote RE
uptake in UNECE
member States

- A working paper has been developed within GERE in order to exchange know-how and best practices between relevant experts of all member States
- It is a practical tool to collect and disseminate best practices and lessons learned, outlining relevant support policies
- It proposes a template to submit / collect useful information on concrete cases
- With proper resources, it can be the basis for a UNECE portal of useful and timely information

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2nd GERE Session

12-13 Oct. 2015

- The Group of Experts met in Geneva on 12-13 October 2015.
- **Report of the session approved**
- The Group of Experts recommended to the Committee on Sustainable Energy that its mandate be extended to 31 December 2017, for subsequent approval by the ECE Executive Committee.
- The Group of Experts recommended that the Work Plan for 2016-2017 be submitted to the Committee on Sustainable Energy for endorsement and then to the ECE Executive Committee for subsequent approval.

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Work Plan 2016-2017

- Tracking of the progress made in the uptake of renewable energy sources in the UNECE region
- Exchange of know-how and best practices in the UNECE region on how to help significantly increase the uptake of renewable energy
- Integration of Renewable Energy in Future Sustainable Energy Systems in the region

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WP 2016-2017:

1. Tracking of the progress made in the uptake of renewable energy sources in the United Nations Economic Commission for Europe region

- Review the state of development and monitor the progress made and contributing to existing global monitoring frameworks;
- Identify key barriers, options and possible best practices for supplying electricity and heat from renewable energy sources;
- Foster cooperative activities with member States to promote and use the baseline report: outreach activities with the aim of strengthening a multi-stakeholder dialogue;
- Identify ways to support the implementation of national plans and for strengthening framework conditions and instruments

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WP 2016-2017:

2. Exchange of know-how and best practices in the United Nations Economic Commission for Europe region on how to help significantly increase the uptake of renewable energy

- Identify the key operational policy priorities for member States and provide platforms for collective action;
- Provide an effective platform for expanding already developed policies and measures across countries in the region;
- Identify barriers to and options for RE technological development in the UNECE region;
- Organize information sharing activities for exchange of experience on best practices and policies;
- Identify existing gaps in policies, legislation, standards and regulations and cooperate with other organizations.

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WP 2016-2017:

3. Integration of Renewable Energy in Future Sustainable Energy Systems in the region

- Identify best practices about existing policies and policy reform to meet a higher renewable energy share within present and future energy systems;
- Analyze renewable energy investment opportunities within future energy systems and energy market optimization;
- Identify key needs for capacity building to develop renewable energy framework conditions to facilitate market conditions;
- Organize capacity building and information sharing activities (workshops, seminary, roundtables, etc.) on renewable energy investment promotion, the consideration of renewables in energy systems, the assessment of renewable energy potential and costs and the development of hybrid power for increased system efficiency.

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Other on-going Activities to promote exchange of RE Information

- Potential of RE in South-East Europe: IRENA: joint project
- Best practices in UNECE countries: DENA (German Energy Agency)
- International Conference on Renewable Energy & GERE III in Azerbaijan on 20-21 October 2016
- Work Plan 2016-2017: specific activities/ projects
- Knowledge based platform on RE policies, barriers and options for technological development – resources are needed for a practical tool/ sharing portal

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More info
<http://www.unece.org/energy/se/gere.html>

•Thank you!

Ulrich Benterbusch,
GERE Chair

- Deputy Director General DG II
Energy Policy, Heating and
Efficiency
Federal Ministry for Economic
Affairs and Energy