



UNFCCC SB58, SIDE EVENT: 8/6 2023 16:45-18.00

Room: Kaminzimmer, Bonn, Germany



Nordic Folkecenter
for Renewable Energy

100 % Renewables, Local Climate Solutions in East Africa, South Asia

Welcome by organisers: SusWatch Kenya, INSEDA, Nordic Folkecenter for Renewable Energy (NFRE). Moderator: Judit Szoleczky, INFORSE

Global Transition to Renewable Energy

Gunnar Boye Olesen, INFORSE, NFRE, SE, Denmark

East Africa:

Promoting Local Solutions as Important Climate and Development Solutions in East Africa – Online Catalogue

Mary Swai, TaTEDO, INFORSE East Africa, Tanzania

Transition of Kenya to 100% Renewable Energy with Focus on Local solutions. Key Messages

Nobert Nyandire, Suswatch Kenya

Transition to 100 % Renewable Energy in Uganda with Local Solutions, Sustainable Biomass

Richard Kimbowa, UCSD Uganda INFORSE East Africa Chair

More: <https://inforse.org/SB58.php>

South Asia

Promoting Local Activities in South Asia Supported by Eco-Village Development Initiatives

Anzoo Sharma, Center for Rural Technology (CRT), Nepal

Successes with Local Climate Solutions in South Asia & their Promotion

Sanjiv Nathan, INFORSE South Asia & INSEDA, India

Database Online, Documenting Successful Local Climate Solutions in South Asia

Abdul Arif, Grameen Shakti, Bangladesh

Local Solutions in the GST, Why and How

Dumindu Herath, IDEA, Sri Lanka

Dialogue, Conclusion

Thanks to



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100% Renewables, Local Climate Solutions in East Africa, South Asia

Global Transition to Renewable Energy

by Gunnar Boye Olesen

Nordic Folkecenter for Renewable Energy

Sustainable Energy

International Network for Sustainable Energy



Nordic Folkecenter
for Renewable Energy



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Global Transition to Renewable Energy to 2050

Hundreds of scientific studies have proven that 100% renewable energy systems **can be achieved** on global, regional, and national levels by or before 2050.

Key pillars of this new energy system are solar and wind energy, energy storage, sector coupling, and wider electrification of all sectors

The transition can be made without uncertain technologies, will be essential.
(as large-scale CCS, instead enhancement of natural sinks)

The **100% renewable energy system** can meet energy needs 24/7 and have co-benefits in reduced air pollution, energy access to all, and others

But globally, we are not on track to a fast transition to keep the 1.5°C target, we must all speed up

See for instance: <https://www.lut.fi/en/news/researchers-agree-world-can-reach-100-renewable-energy-system-2050>

New Scenario Combines renewable energy, energy efficiency, sufficiency / sustainable lifestyles: Clever Energy Scenario for EU

Combination of energy efficiency and sufficiency can reduce energy demand fast

Keep emission budget within fair share for 1.5°C (24-26 GtCO₂ from 2020 for EU)

No CCS, limited H₂, enhance natural sinks

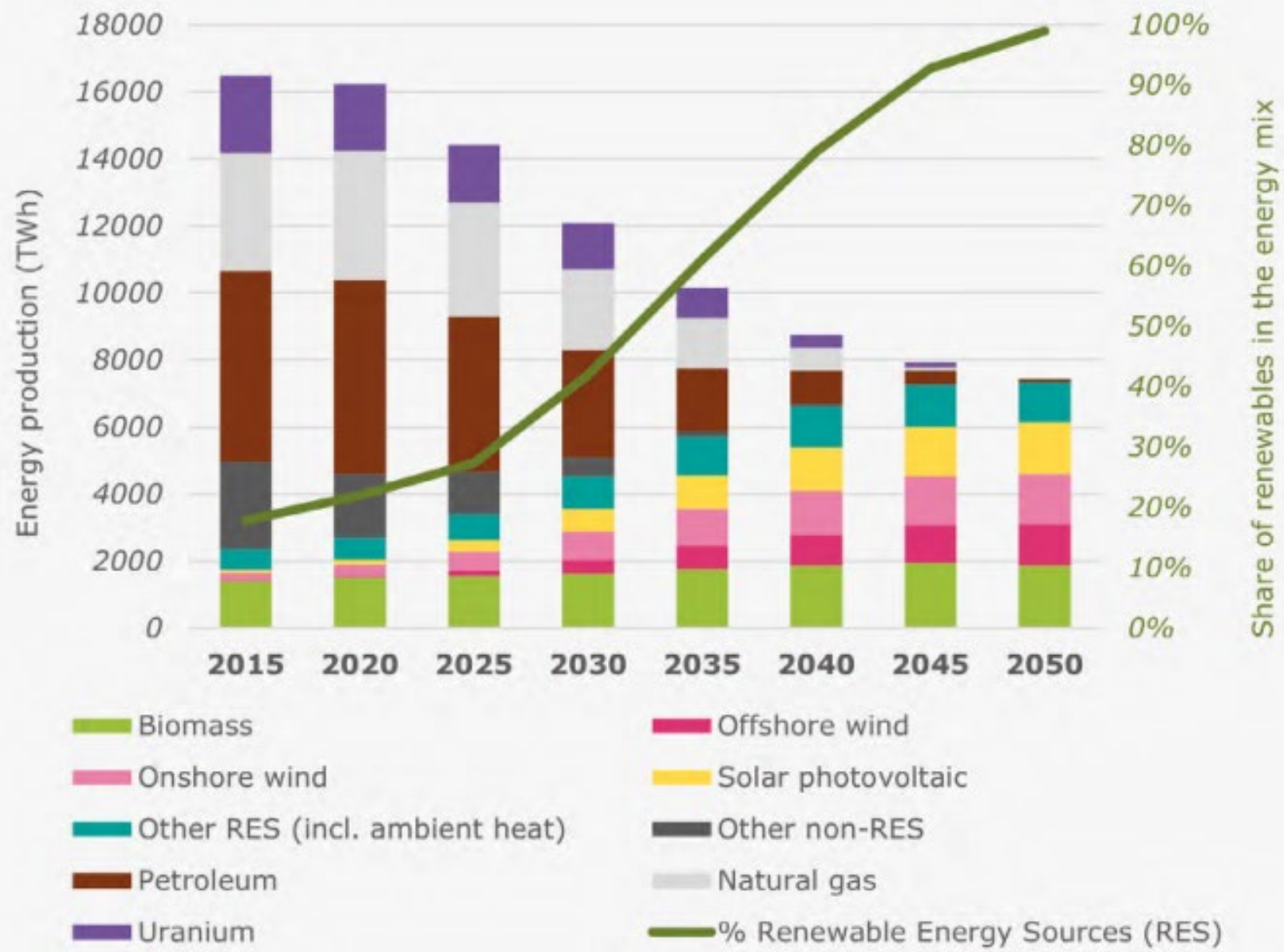


Clever

A Collaborative
Low Energy Vision
for the European Region



Clever Energy Scenario for EU



Thank You

More info:

<https://inforse.org/europe/Vision2050.htm>

<https://clever-energy-scenario.eu>

www.inforse.org/SB58.php



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