

# 100 % Renewables in Ukraine

## UN Climate Dialogue 2020 Side Event

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Proceedings: <https://www.inforse.org/cd2020.php3>

UNFCCC: <https://unfccc.int/cd2020/specialevents>

# Ukraine: steps towards climate neutrality

- Party to Annex I to UNFCCC since 1997;
- Party to Annex B to Kyoto Protocol since 2004;
- First country in the world in joint projects implementation (250 projects), 47 million assigned amount units were issued under the green investment scheme over 2008-2012 in the framework of Kyoto Protocol;
- Active participant to negotiation process taking place in the framework of UNFCCC;
- Climate related obligations were determined in accordance to EU-Ukraine Association Agreement (2014);
- Party to Paris Agreement (2016).



**UKRAINE**

**250**  
Signatories

**20 098 894**  
Inhabitants

City	Targets		
	RES	Energy Efficiency	CO <sub>2</sub> Reduction
<b>Bakhmut</b>	20% until 2020*	-21% in 2020 compared to 2012	-21% in 2020 compared to 2012
<b>Kyiv</b>	27% until 2020*	-21% in 2020 compared to 2013	-34% in 2020 compared to 2013
<b>Zhytomyr (100 RES)</b>	n/a	n/a	-21.4% in 2020 compared to 2010
<b>Kamianets-Podilskyi (100 RES)</b>	20% in 2020 (GFEC)	-20% in 2020 compared to 2012	-20% in 2020 compared to 2012
<b>Lviv (100 RES)</b>	11% in 2020 (GFEC)	-20% in 2020 compared to 2007-2009	-21% in 2020 до 2009
<b>Poltava (100 RES)</b>	n/a	n/a	-22.4% in 2020 compared to 2010
<b>Chortkiv (100 RES)</b>	3% in 2030 (GFEC)	-28% in 2030 compared to 2013	-32% in 2030 compared to 2013
<b>Trostianets (100 RES)</b>	28% in 2030 (GFEC)	-42% in 2030 compared to 2013	-58% in 2030 compared to 2013
<b>Korosten</b>	12.6% in 2020 (GFEC)	-22% in 2020 compared to 2012	-21% in 2020 compared to 2012

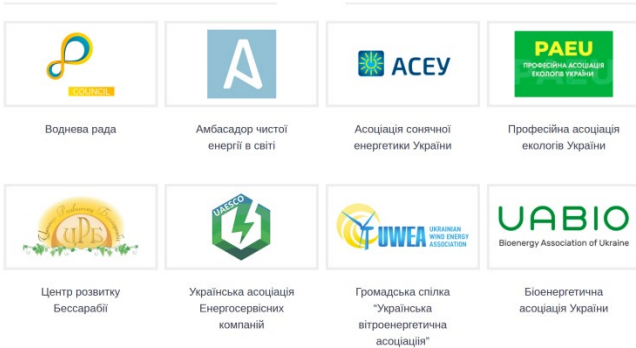
\* For the heating and cooling sector (DH and individual) and transport

# NGOs supporting the "green" energy transition in Ukraine



## Global 100RE Ukraine:

Office of the Ambassador of Renewable Energy in Ukraine, Public Union "Ukrainian Wind Energy Association", Public Union "Bioenergy Association of Ukraine", Solar Energy Association of Ukraine, Professional Association of Ecologists of Ukraine, NGO "Ukrainian Association of Energy Service Contracts", NGO "Bessarabia Development Center", NGO "Institute of Global Transformations"

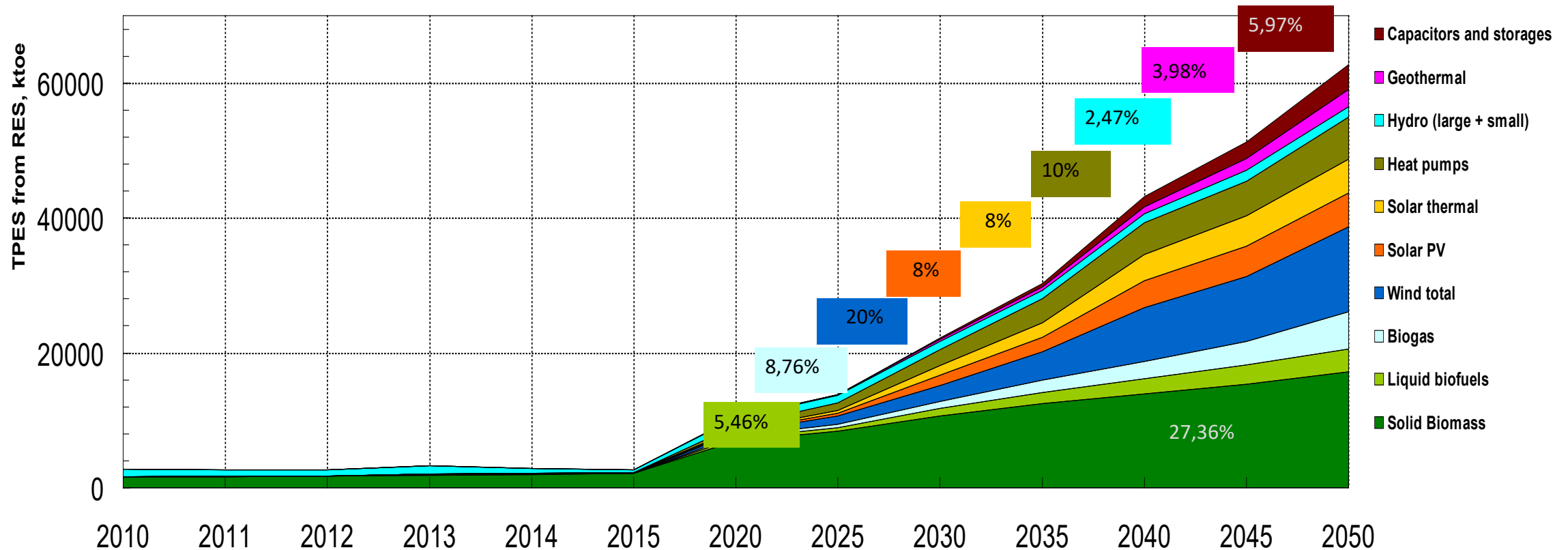


## Energy Transition Coalition:

350.org, NGO Ecoclub, NGO Ecoaction, Khmelnytskyi Energy Cluster, Ecoltava, Ukrainian Climate Network, All-Ukrainian Sustainable Development & Investments Agency

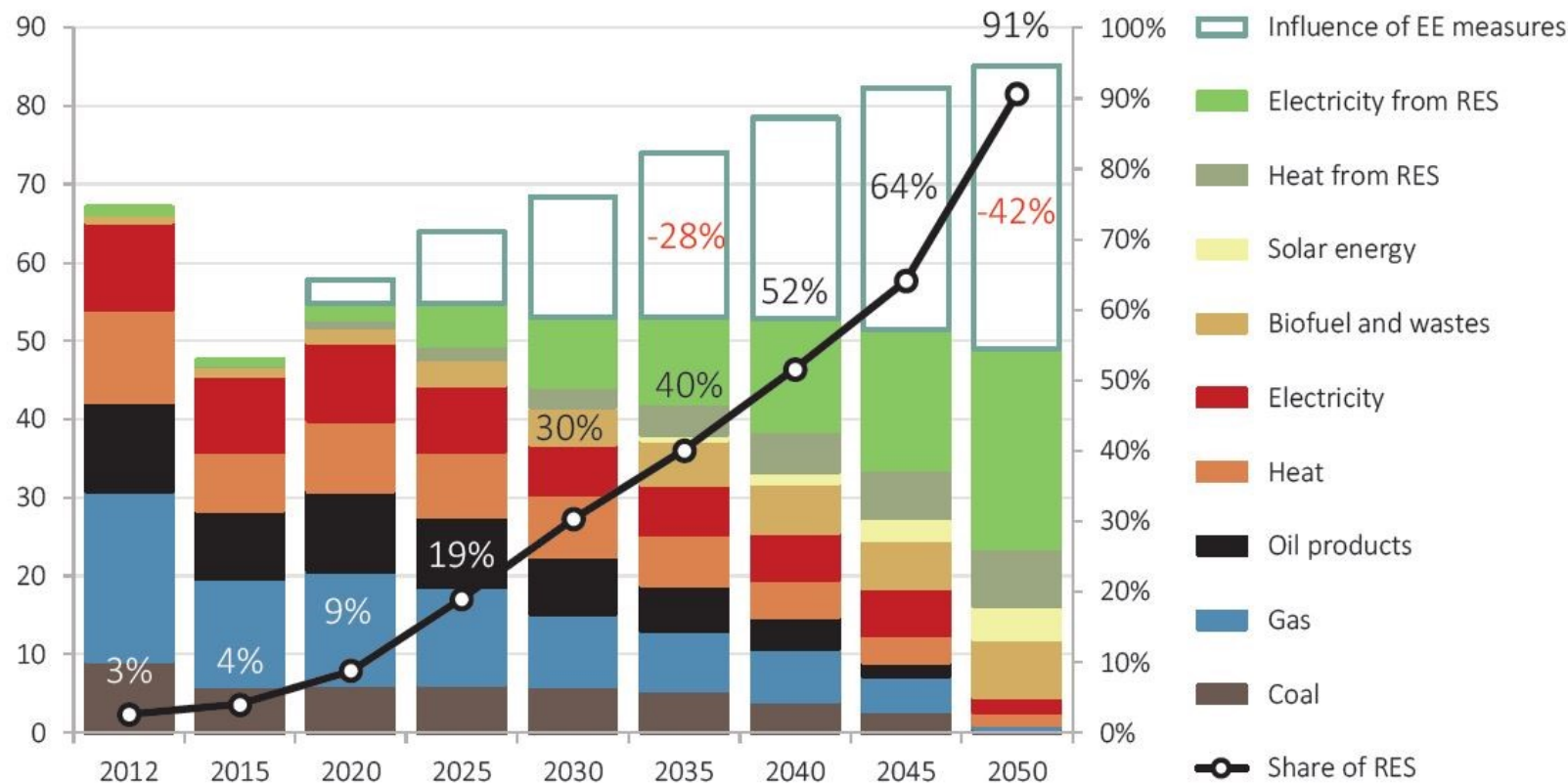


# 100% RES scenario (ASET project, NGO REA, INFORSE-Europe)

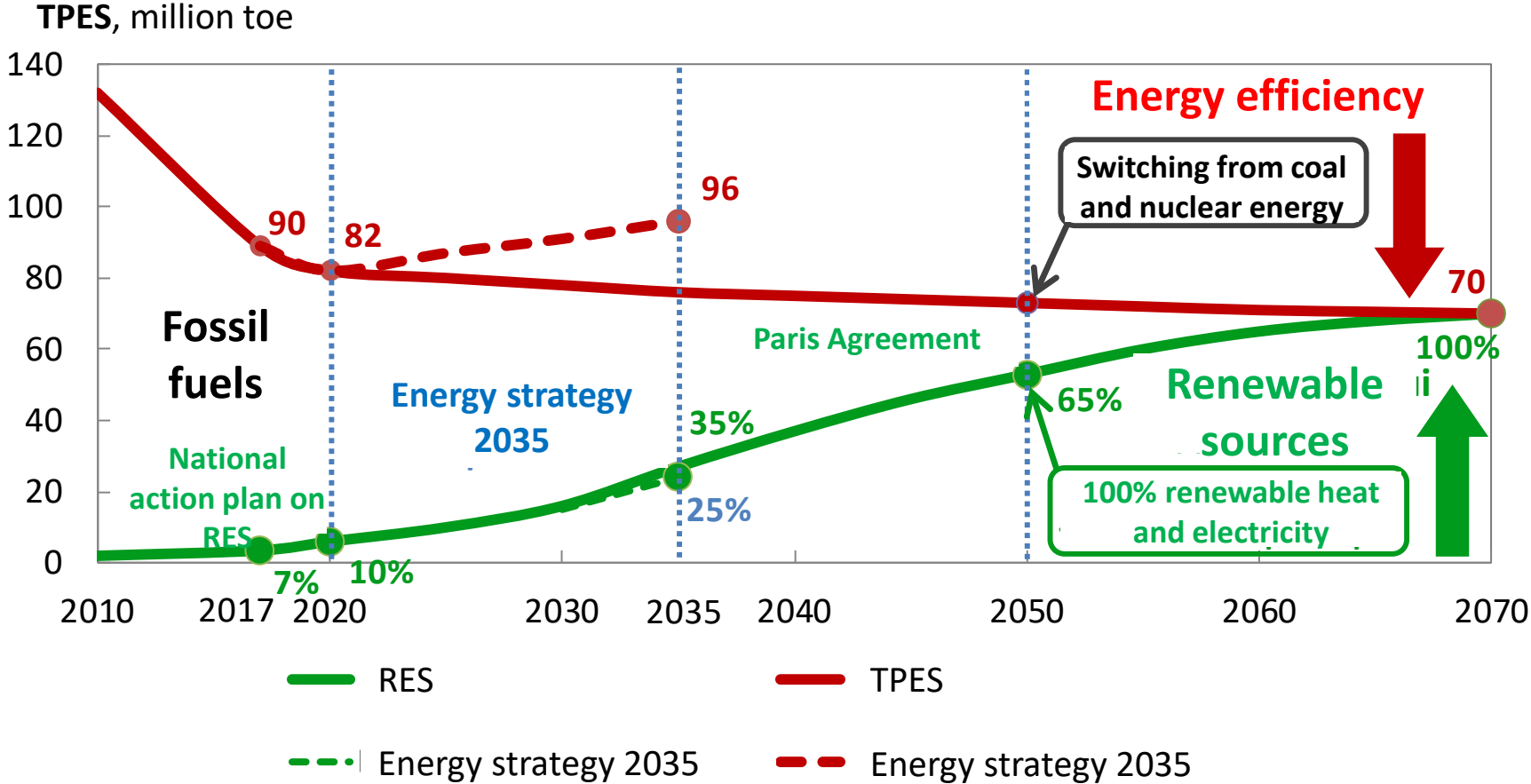


# Final energy consumption according to the REvolutionary Scenario

(“Transition of Ukraine to the Renewable Energy by 2050” (State Organization “Institute for Economics and Forecasting” of the National Academy of Sciences of Ukraine supported by Heinrich Boell Foundation Regional Office in Ukraine))



# Concept of Ukraine's transition to 100% RES (vision of Global 100 RE UA)



TPES – total primary energy supply

# Main barriers to the transition to 100% RES in Ukraine

- No political will
- Instability of state policy on RES development
- Barriers at the Electricity market
- Barriers at the Heat market
- Unrediness of the energy system to the closure of coal Power plants
- Weak mechanisms for RES and energy efficiency stimulation
- Energy poverty

On **November 18<sup>th</sup>**, 2020 the **Joint Statement** of more than 20 civil society organizations, associations, experts of the RES sector was signed and sent to Ukrainian Government on the need to immediately start developing the National Green Deal and the new Green Energy Strategy of Ukraine until 2050-2070 to synchronize Ukraine with the EU Green Energy Transition.





# THANK YOU



**More information:**

<https://rea.org.ua/en/news/504/>

<https://www.inforse.org/europe/SELNEE.htm>

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

