



Low Carbon Ukraine

Policy advice on low-carbon
policies for Ukraine

Supported by:



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

based on a decision of the German Bundestag

Energy and Climate Targets – An Overview

Dr. Georg Zachmann, Ina Rumiantseva,
Clemens Stiewe & Elias Spiekermann (BE)

Berlin, March 2019

Implemented by
Berlin Economics

Key Messages

1. Multitude of energy & climate obligations must be coordinated
2. RES share surpasses unambitious targets
3. Differing indicators in national strategies – risk to cause confusion
4. Progress in energy intensity – but still a long way ahead
5. Emission targets are not ambitious

Multitude of energy & climate obligations ...



... must be coordinated



International Obligations



5 International Obligations

Quantitative targets

- Paris Agreement
- Energy Community

Framework

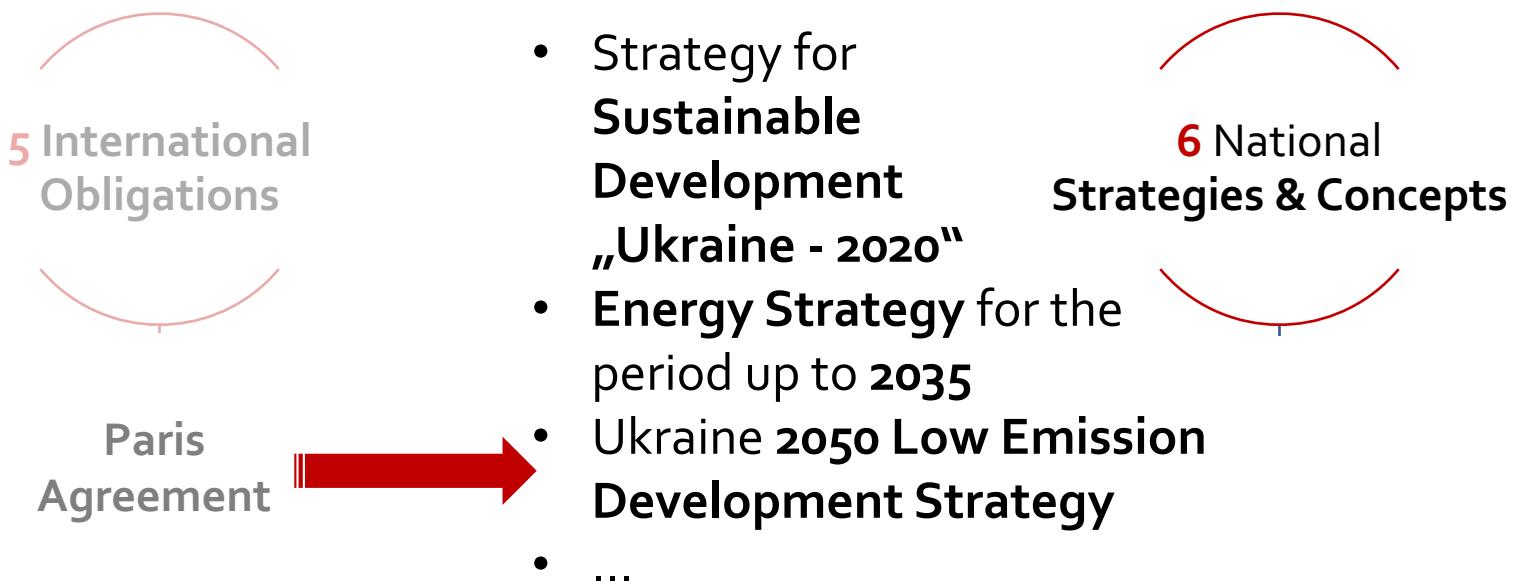
- EU Association Agreement
- DCFTA
- Energy Charter

Direct Implementation through Action Plans



- National Plan of emission reductions from **large combustion plants**
- ...

National Strategies & Concepts



Implementation through Action Plans

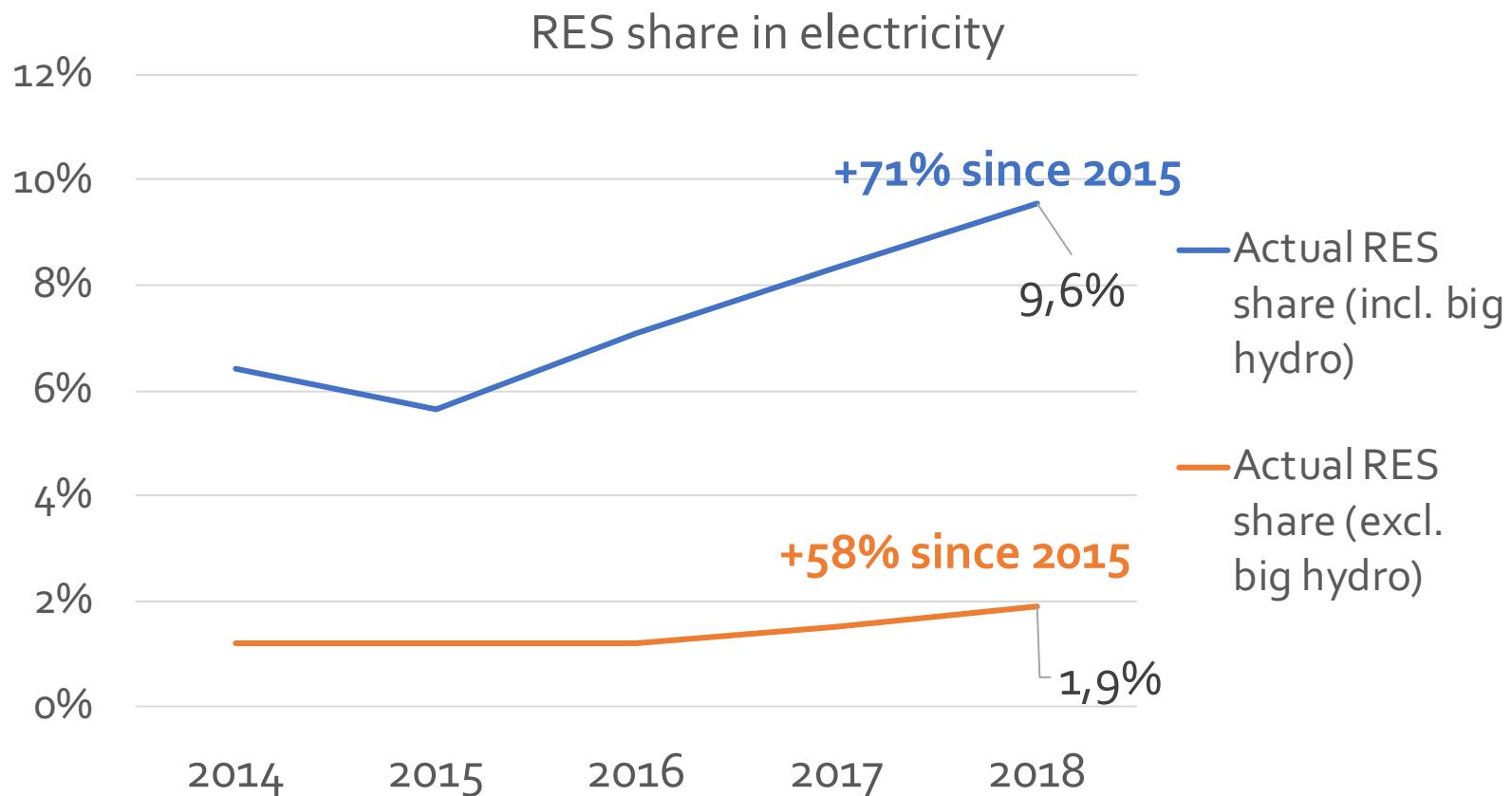
- National **Renewable Energy** Action Plan for the period up to 2020
- **Energy Efficiency Action Plan (EEAP)** 2020-2030 (in progress)
- ...



Ukrainian Laws

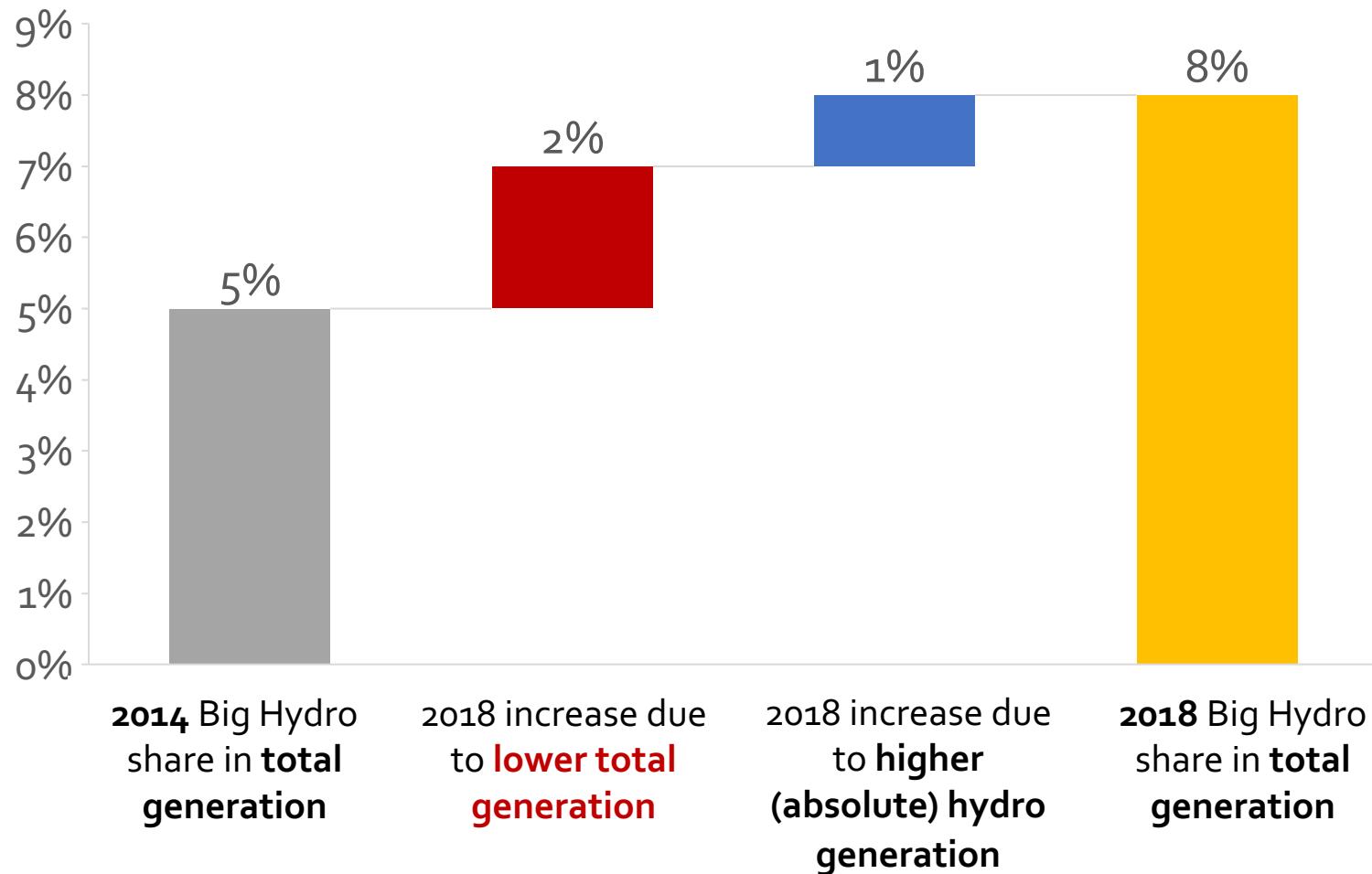
- 
- 7 Ukrainian Laws
- On Electricity Market
 - Tax Code
 - Law of **National Environmental Policy 2020**, No. 2818-VI 1
 - On Alternative Types of Fuels
 - On Alternative Energy Sources
 - On the Natural Gas Market
 - On the Energy Efficiency of Buildings

Impressive increase of RES share in electricity



Source: Energynok

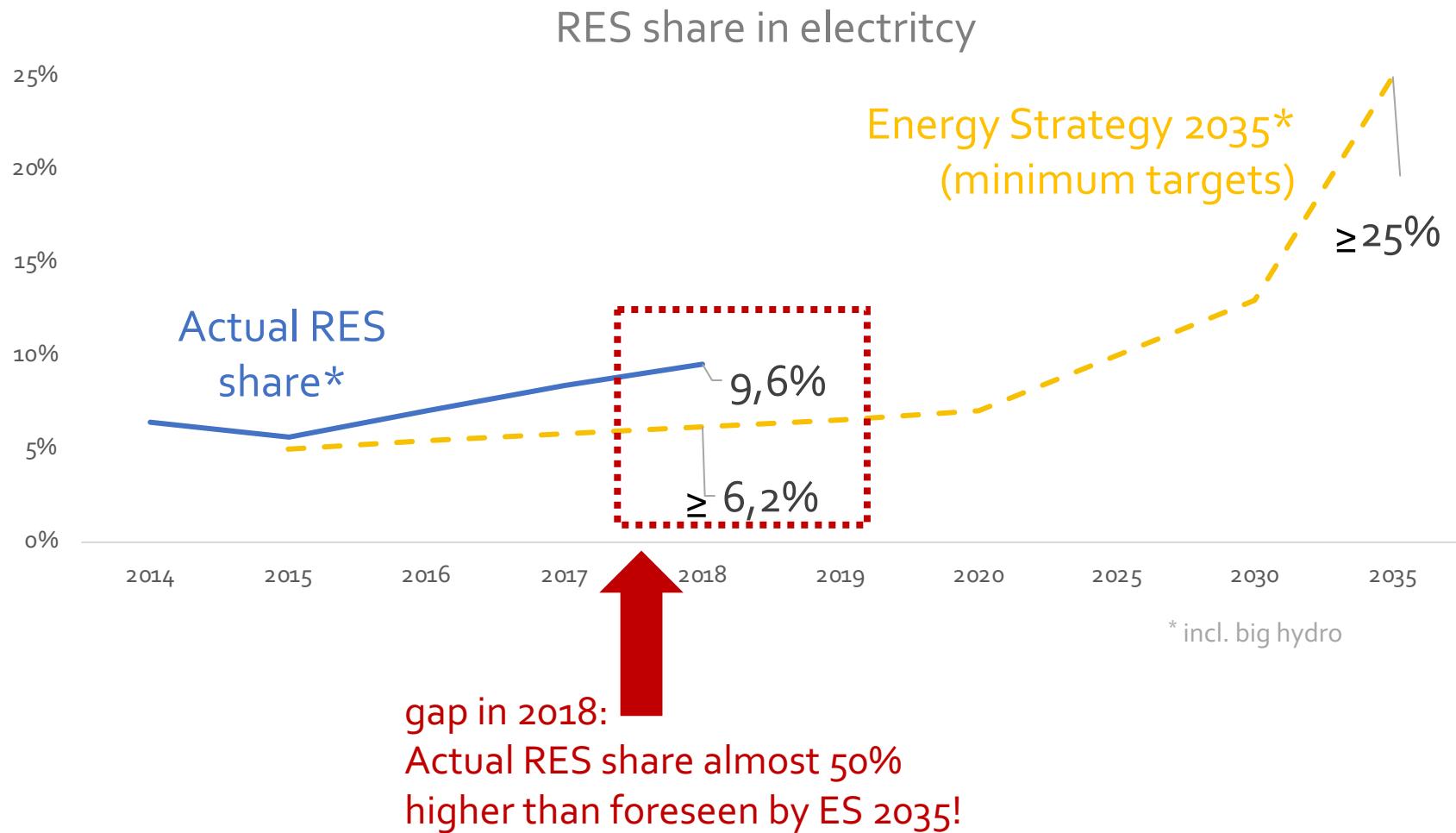
Rising share of Big Hydro – partly due to lower total generation



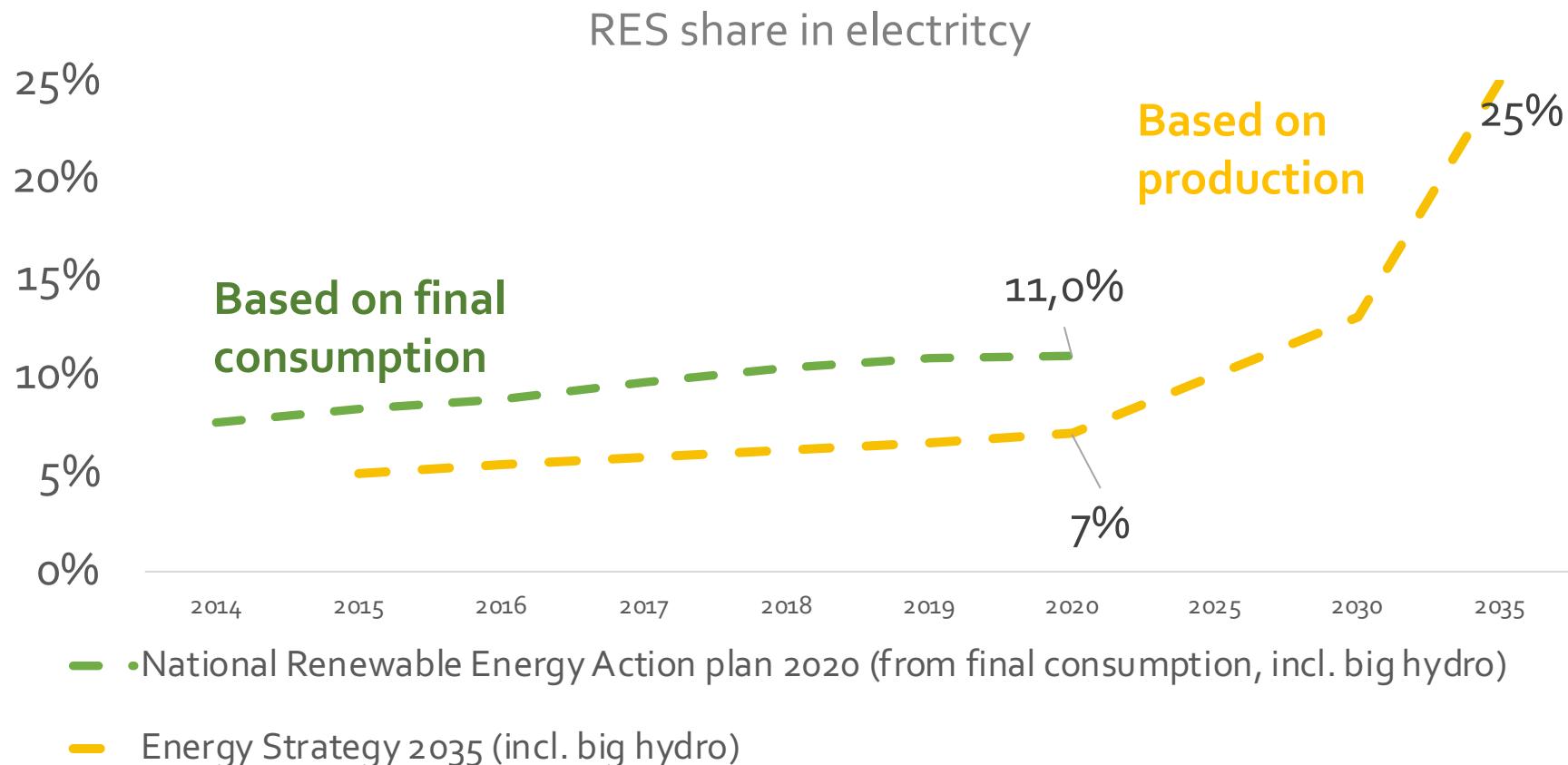
Outlook: limited increase of RES expected



Energy Strategy is unambitious regarding RES share

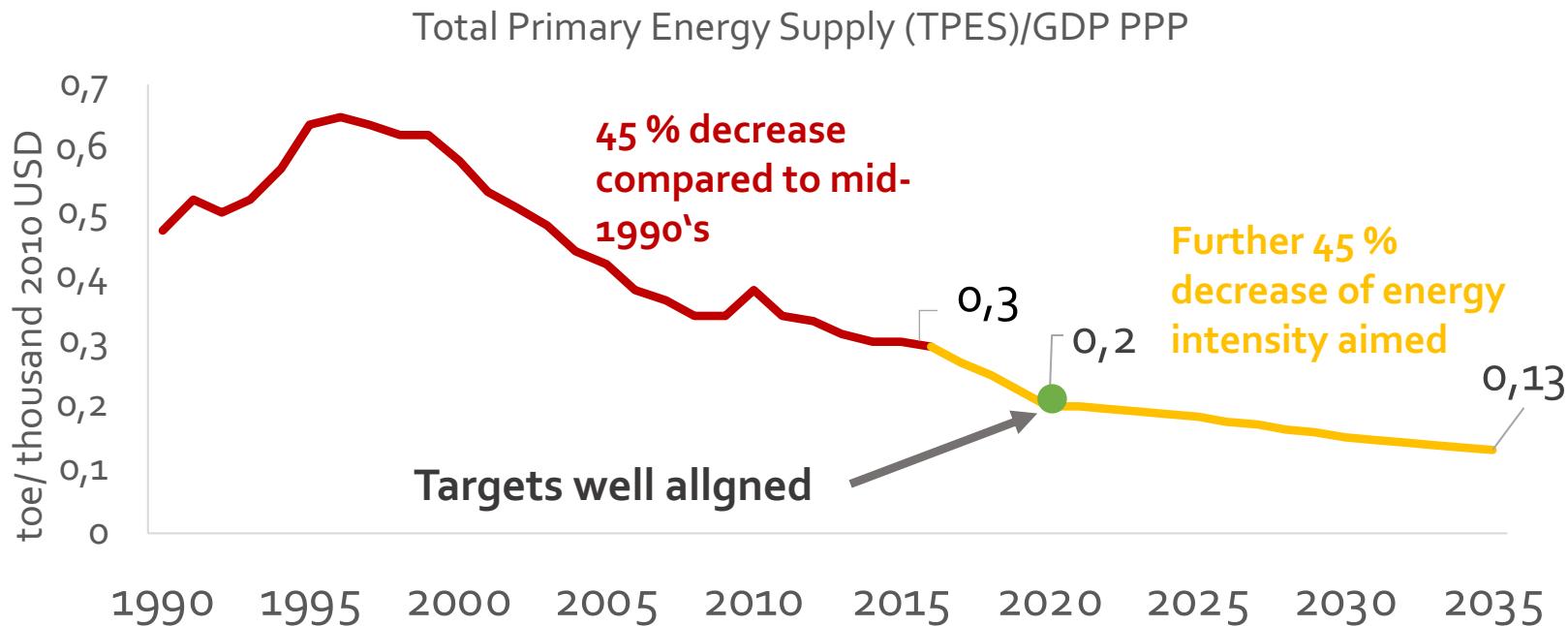


Different indicators in NREAP 2020 and Energy Strategy 20135



- Share of Renewables: Comparing of strategies is difficult!

Good news: energy intensity decreases

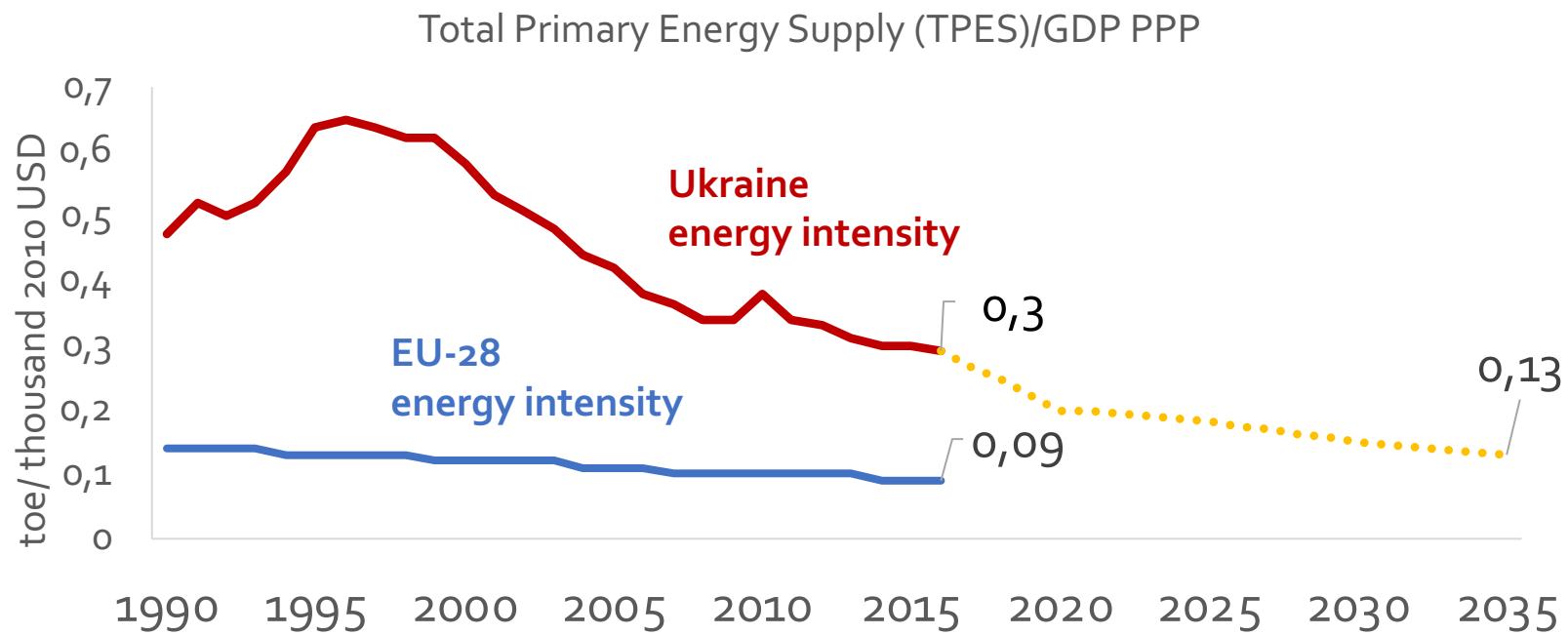


— Actual energy intensity

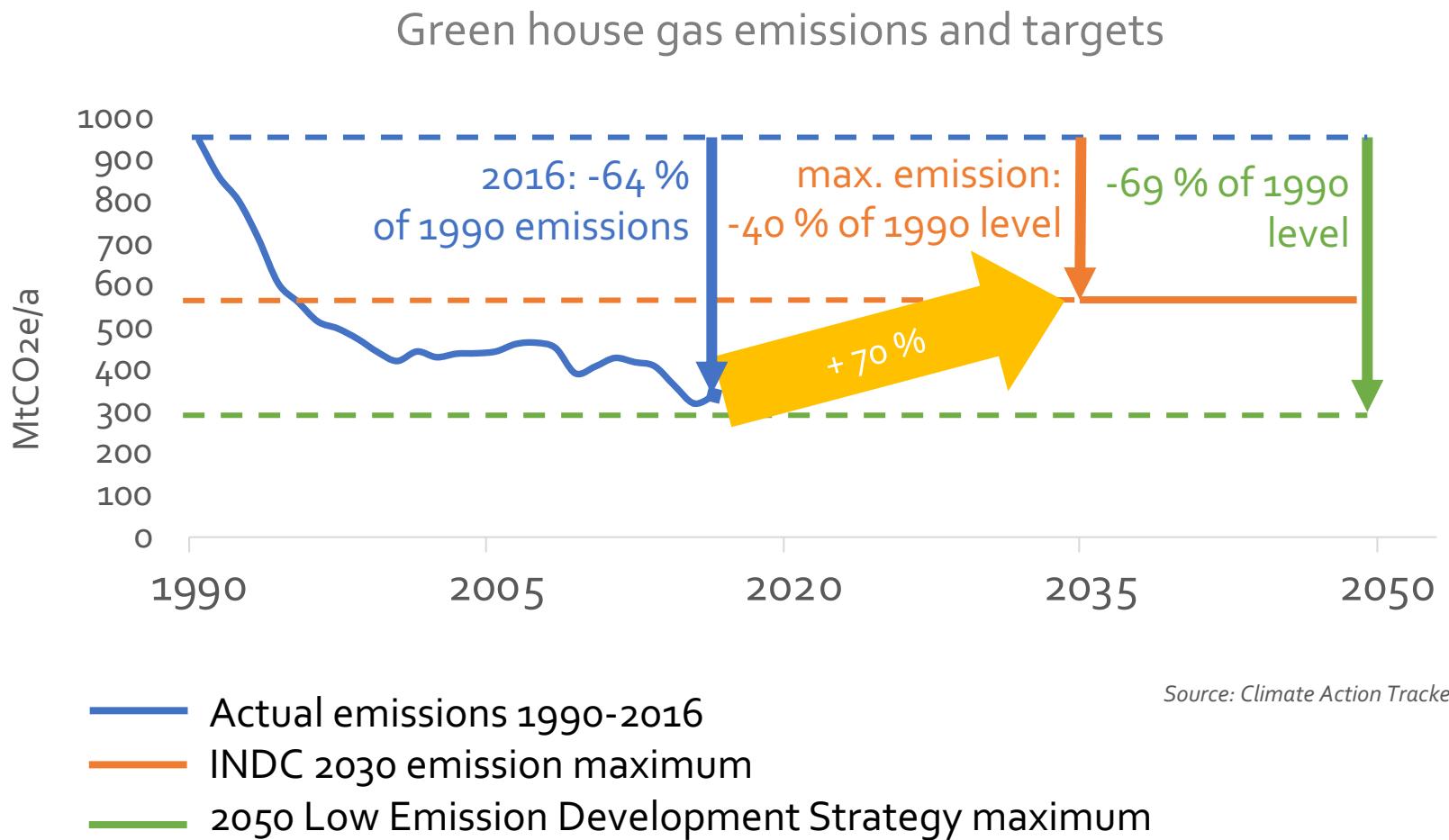
— Energy Strategy 2035 goals

● Strategy for sustainable development 2020 goal

From EU-perspective: still a long way to go..



Emission targets are not ambitious



Future strategies – a lot to be set in 2019/20

- Long term climate strategy (submission to UNFCCC) UN
- NDC
- NECP
- New Energy Community targets envisioned in 2019 EU
- National Energy Efficiency Action Plan (NEEAP) 2020-2030
- National Renewable Energy Action Plan (NREAP) 2030
- Energy Security Strategy UA
- Action Plan for the Second Phase of the Energy Strategy

➤ Strategies & targets must be consistent and ambitious!



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Implemented by:



Project Leader

Dr. Georg Zachmann

zachmann@berlin-economics.com

Project Manager

Simon Unterschütz

underschuetz@berlin-economics.com

www.lowcarbonukraine.com

Tel.: 030 2064 34 64 – 0

Ina Rumiantseva

rumontseva@berlin-economics.com