

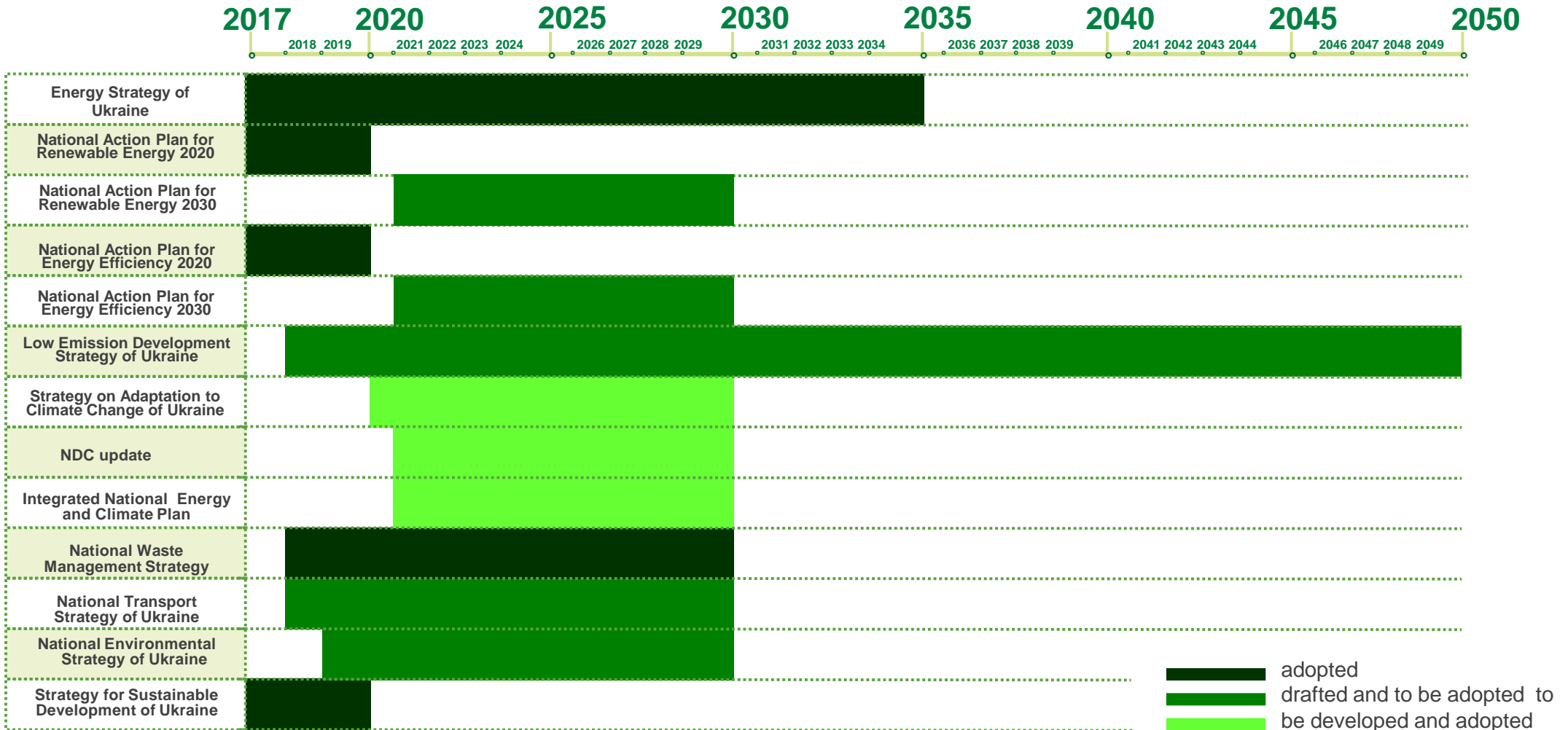
SUSTAINABILITY FORUM

High-level panel:
Energy and climate policy
after 2020 in the Energy Community

22 June 2018, Vienna



STRATEGIC DOCUMENTS ON ENERGY AND CLIMATE TARGETS OF UKRAINE



ENERGY EFFICIENCY AND RENEWABLE TARGETS OF UKRAINE ACCORDING TO THE ENERGY STRATEGY FOR THE PERIOD UP TO 2035

Energy efficiency targets of Ukraine

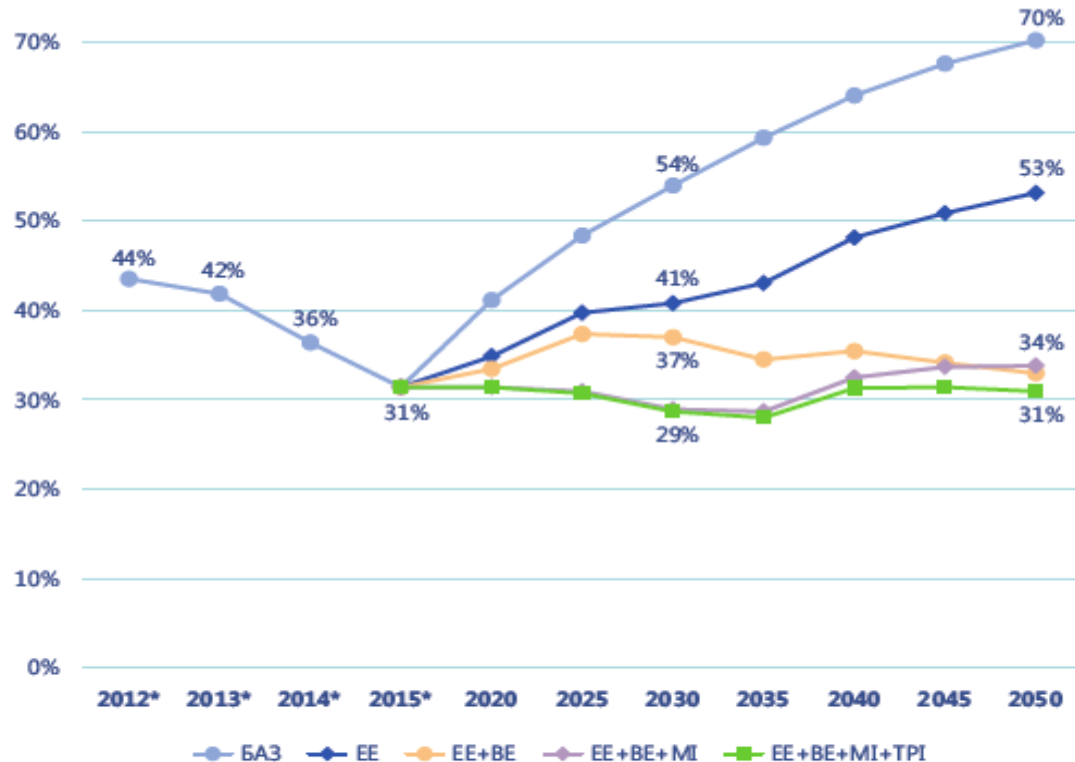
| | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|------|------|------|------|-------|
| Energy intensity of GDP, TPES in toe / ths. dollars of GDP (PPP) | 0.28 | 0.2 | 0.18 | 0.15 | 0.13 |
| Fuel expenditures on the volume of electricity directed to the energy market produced at the TPP, g conventional units /kWh | 396 | 384 | 367 | 353 | 334 |
| Specific costs for the production of heat by boiler houses, kg / h / Gcal | 165 | 160 | 155 | 150 | 145 |
| Share of losses in power grids, % | >12% | 10% | 9% | 8% | <7.5% |
| Share of losses in the heating systems, % | >20% | <17% | <13% | <11% | <10% |

Renewable energy targets of Ukraine

| | 2015 | 2020 | 2025 | 2030 | 2035 |
|--|------|------|------|------|------|
| Share of RES (including hydropower and thermal energy) in TPES, % | 4% | 8% | 12% | 17% | 25% |
| Share of RES (including hydropower and thermal energy) in electricity generation, % | 5% | 7% | 10% | >13% | >25% |
| Share of local alternative fuels in local fuel and energy balances, % of total consumption | - | 10% | 15% | 18% | 20% |
| Co2 emissions comparing to 1990 | - | <60% | <60% | <60% | <50% |
| Emission reductions in CO2-eq. on final fuel consumption, % from 2010 | - | >5% | >10% | >15% | >20% |

LEDS OF UKRAINE

Share of GHG emissions in «Energy » and «Industrial processes» compared to 1990



Signe and symbols:

BA3 – Baseline scenario;

EE – «Energy efficiency» scenario;

EE+BE – «Energy efficiency and renewable energy»;

EE+BE+MI – «Energy efficiency and renewable energy, modernization and innovation»;

EE+BE+MI+TPI – scenario «Energy efficiency and renewable energy, modernization and innovation, market transformation and institutions».

* Data of National Cadaster of anthropogenic emissions from the sources and absorption by absorbents of GHG in Ukraine over 1990-2015