



# Slovakia's contribution to the EU's 2030 targets on renewables and energy efficiency

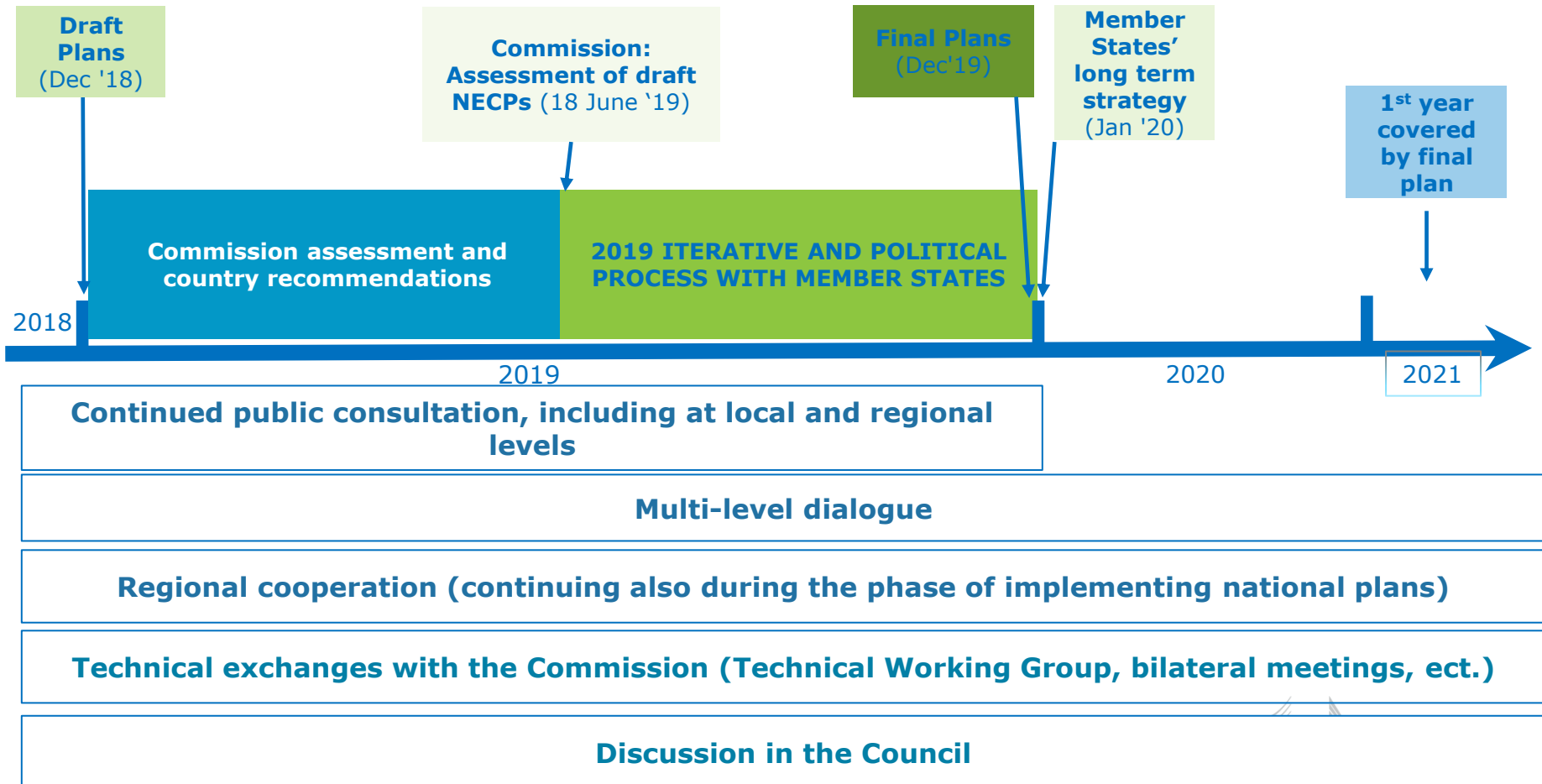
October 2019

Michaela Holl, European Commission, unit C1

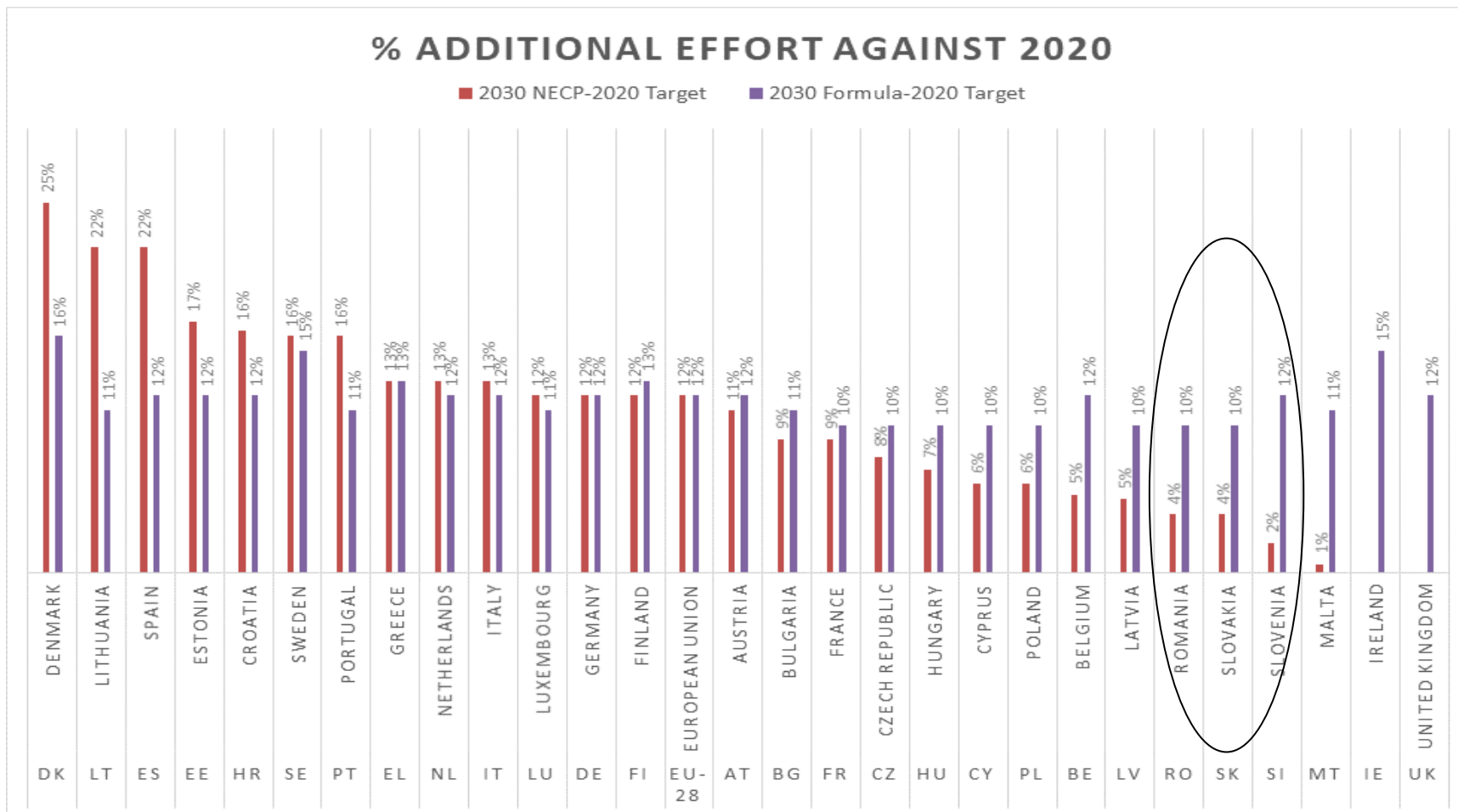
# 1

# The national energy and climate plan

# THE PROCESS TOWARDS FINAL NATIONAL ENERGY AND CLIMATE PLANS



## MS pledges in their draft NECPS

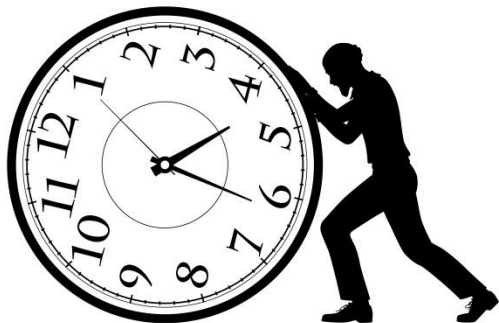


# 2

## The new Renewables Directive in more detail

## INCREASING STABILITY AND PREDICTABILITY

Don't turn back time!



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**Abrupt and "retroactive" changes are toxic for RES investments and ...make them more expensive**

- Specific provision to **avoid "retroactive" changes** to support
- Revisions **may not compromise the economic viability** of supported projects
- Need to **publish long-term schedules** for support schemes

## EMPOWERING ENERGY CONSUMERS: SELF-CONSUMPTION

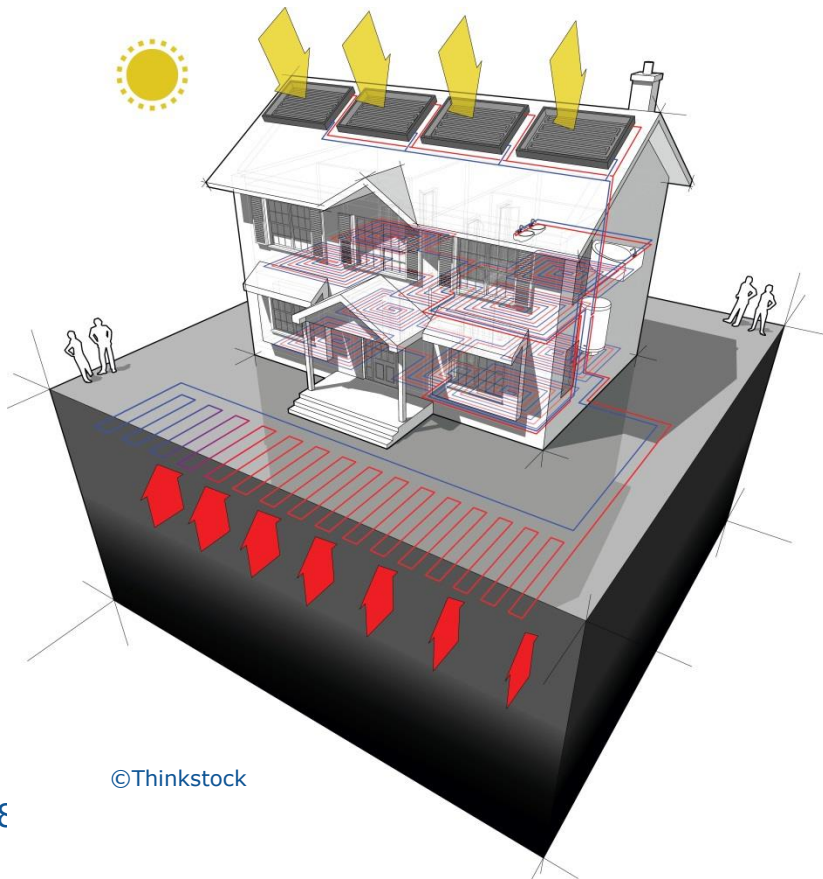
**Consumers entitled to become self-consumers**, including multi-apartment blocks

- **No discrimination or disproportionate charges**
- Electricity **behind the meter not be charged. Exemptions:**
  - Installations larger than 30 kWp
  - Risk of financial instability of the system (after December 2026)
  - Electricity that benefits from support schemes
- **Remuneration** when feeding into the grid
- Self-consumers **active in the market:**
  - Power Purchase Agreements
  - Peer-to-peer trading
  - Other possibilities (demand response)



## ADDRESSING THE UNTAPPED POTENTIAL OF HEATING & COOLING

- Target to **increase** renewables in heating and cooling by **1.3 percent point per year** (2020-2030):



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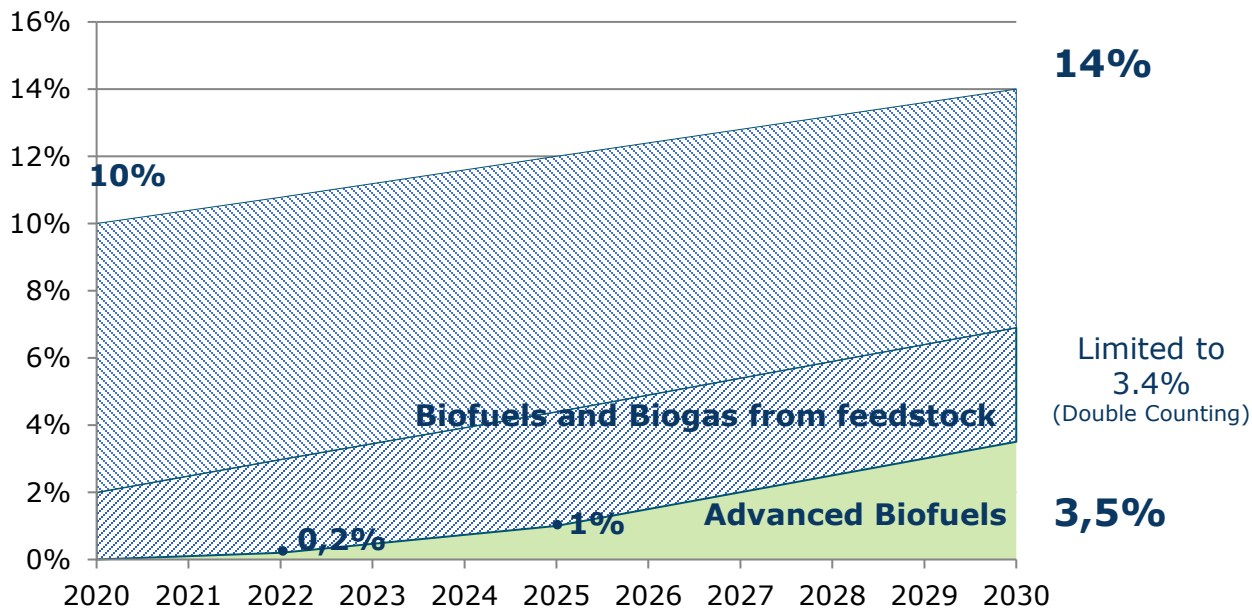
- **Flexibilities:** high RES MS, high natural gas or cooling shares, dispersed settlement structures, 40% allowance for waste heat/cold
- **Illustrative** list of **measures** leaving flexibility for Member States and accessibility

### District heating and cooling

- **1 ppt increase** in renewables and waste heat/cold
- **Third Party Access** for suppliers of renewables and waste heat/cold
- **Right to disconnect** from inefficient networks for consumers
- **Right to be informed** for consumers on renewables share and energy performance



## MAINSTREAMING RENEWABLE ENERGY IN TRANSPORT



### Multipliers



➤ Conventional biofuels, bioliquids and biomass from food and feed crops frozen around 2020 levels

➤ High ILUC risk biofuels first frozen, and then gradually reduced towards 0% by 2030

## ENSURING BIOENERGY SUSTAINABILITY

- Reinforced **EU bioenergy sustainability criteria**:
  - Enhanced **synergies with the circular economy** (e.g. waste hierarchy principles)
  - EU criteria extended to cover **biomass for heat/cooling and power**
  - New risk-based criteria for **forest biomass** (ensuring sustainable harvesting & proper LULUCF accounting)
  - Higher **GHG emission saving targets**
- New energy efficiency criteria for **large-scale biopower**
- Enhanced EU and national **verification of the implementation** of the sustainability criteria
- Full **EU harmonization for biofuels**, partial harmonization for biomass in heat & power



3

# Final remarks