



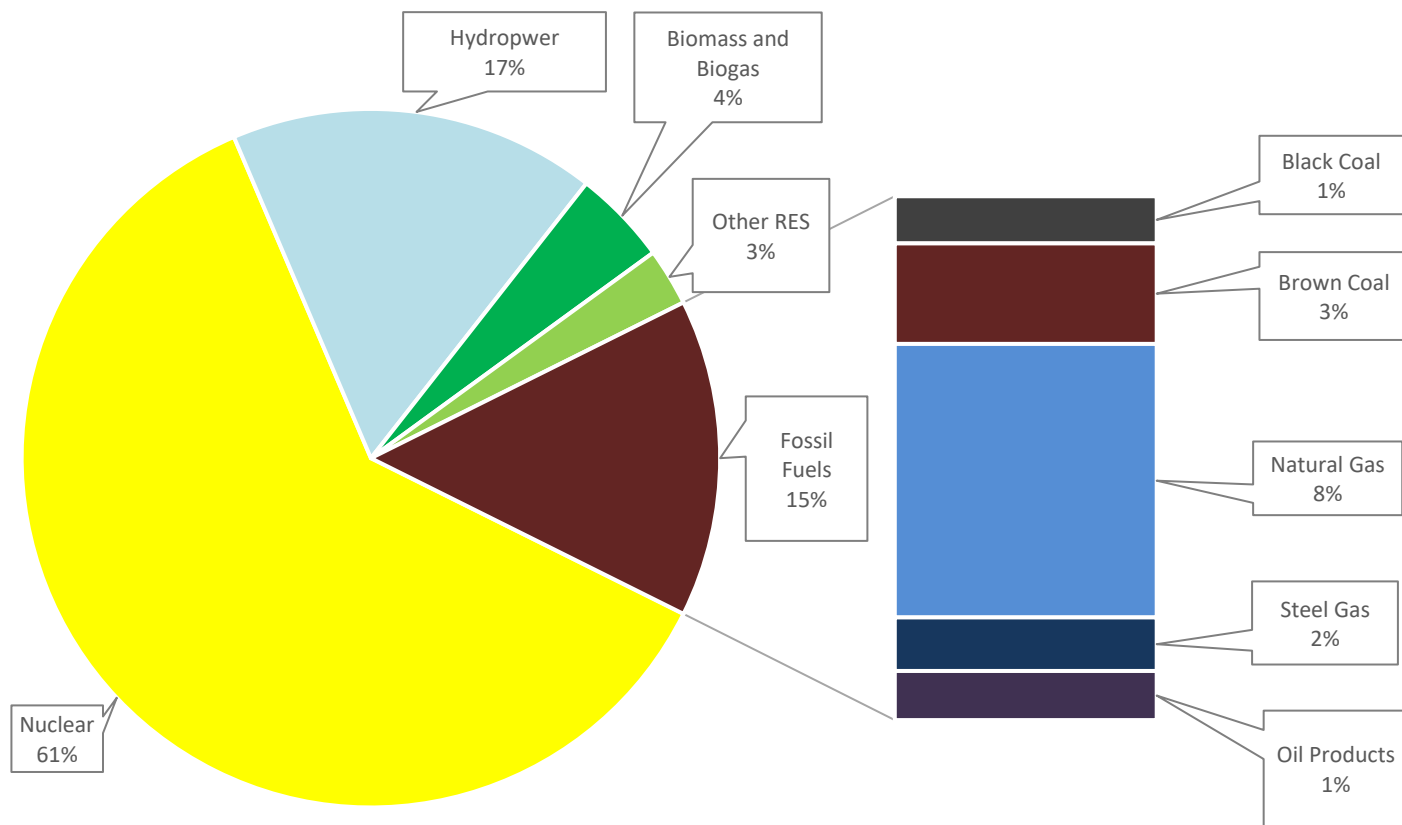
# Renewable Energy Support

Výroba energie z obnoviteľných zdrojov pre  
vlastnú spotrebu v priemysle

3. december 2024

# Electricity production

## Electricity production in 2023



## RES Targets for 2030

	2022	Current NECP (2030 target)	NECP Actualization (2030 target)
<b>Electricity</b>	<b>22,9 %</b>	<b>27,3 %</b>	<b>28 %</b>
FV	0,7 GW	1,2 GW	1,4 GW (+ 0,2 GW)
Wind	0 GW	0,5 GW	0,75 GW (+ 0,25 GW)
Biomass and Biogas	0,35 GW	0,4 GW	0,4 GW (+ 0 GW)
Hydro	1,6 GW	1,6 GW	1,6 GW (+ 0 GW)

**Operational Support has been replaced by Investment Support**

### Recovery and Resilience Plan

#### **New RES over 500 kW**

Call of Proposals for new RES installations

Call jedna z výziev kombinovaná s uskladnením („behind the meter“)

Target of 120 MW installed capacity

#### **Hydropower and Biogas Station modernization**

**Increased flexibility** – including stand alone electricity storage

# RES Electricity Support

## Recovery and Resilience Plan

Reforma / Investícia / Názov výzvy	dátum vyhlásenia výzvy	dátum uzavretia výzvy	Indikatívna výška finančných prostriedkov určených na výzvu / vyzvanie (milión EUR)	Aktuálny stav
01I01 - Investície do výstavby nových zdrojov elektriny z OZE	12.05.2022	12.07.2022	<b>32,50</b>	ukončená
01I02 - Investície do modernizácie existujúcich zdrojov elektriny z OZE („repowering“) - vodné elektrárne	9.11.2022	13.1.2023	<b>16,00</b>	ukončená
01I02 - Investície do modernizácie existujúcich zdrojov elektriny z OZE („repowering“) - bioplynové stanice	6.12.2022	11.1.2023	<b>10,00</b>	ukončená
01I02 - Investície do modernizácie existujúcich zdrojov energie z OZE („repowering“) - bioplynové stanice / biometánové stanice	17.8.2023	31.10.2023	<b>22,02</b>	ukončená
01I01 - Investície do výstavby nových zdrojov elektriny z OZE vrátane investície do batérií	20.10.2023	15.1.2024	<b>63,74</b>	ukončená
01I03 - Investície do zvyšovania flexibility elektroenergetických sústav pre vyššiu integráciu OZE - prečerpávacie vodné elektrárne a stacionárne batériové systémy	19.12.2023	28.3.2023	<b>44,00</b>	ukončená
01I03 - Investície do zvyšovania flexibility elektroenergetických sústav pre vyššiu integráciu OZE - elektrolyzéry na výrobu vodíka	30.05.2024	25.06.2024	<b>13,56</b>	Prebieha vyhodnotenie



## Recovery and Resilience Plan

### Results from calls of proposals

**New RES** - 57 projects with 147 MW of capacity

**Modernization of hydro and biogas** – 42 projects with 98 MW of modernized capacity

**Flexibility of the System** – 54 projects with 96 MW of installed capacity

## Structural Funds

**Smaller installations up to 250 kW** - installation of equipment using RES, mainly for own use (local, decentralized sources), including equipment for electricity storage

**Green for Households and Green Solidarity-** support for the installation of equipment for the use of RES for the production of heat/cold; equipment for the use of RES for the production of electricity; support for energy accumulation from RES and monitoring systems; social element

**Green for companies-** provision of vouchers for the installation of small equipment for the use of RES in SMEs - support for decentralized energy production from RES in combination with the proposal of energy efficiency measures through energy audits for SMEs.

### Modernization Fund

**Preparation of an investment plan with the aim of supporting the development of electricity production from RES**

Additional steps needed before support can begin

- Determination of the scope of support
- Change in state aid rules
- Possible technologically specific support
- Submission to the Commission for the Modernization Fund
- Submission to the MoF Investment Committee

**The time frame for project implementation is 2030**



# Modernization and development of grids

## Recovery and Resilience Plan

Modernization of the transmission system - modernization of 250 km of lines, of which 225 km is a binding target  
Q4 2025

Modernization of regional distribution systems  
41.7 million Euro divided equally between individual projects  
binding target at the level of 450 MW of new potential for the connection of RES  
Q1 2026

# Addressing the barriers for RES electricity

## Permitting process– REPower EÚ

- biomass, biogas – potential of raw materials and potential of production in combined production
- water - permitting processes
- shortening the environmental assessment process
- Identification of "go to zones" for wind energy

## Connection of RES to the grid - REPower EÚ

- unify connection to DS and transparency of DS
- determination of suitable locations for greater performance and strengthening of DS in these locations



# Legislative framework

## Act 251/2012 Coll. on Energy

- The new market design approved in 2022 created conditions for **active consumers and self consumption**

### Power Purchase Agreements - only RES

- Obligation to have tools to reduce financial risk
- Limitations of the risk of reduction of liquidity in the market
- Inclusion of PPA in RES support systems
- Already existing measures in the field of state aid - CEEAG

### Contracts for Difference – RES + nuclear

- Two-way CfD as a tool for supporting new resources and extending the life of existing resources
- Distribution of revenues from CfD for energy consumers

**New changes to be presented in the first half of 2025**



Thank you for your  
attention

**Martin Pitorák**  
**Director**  
**Energy and Fuels Department**  
**Energy Section**  
[martin.pitorak@mhsr.sk](mailto:martin.pitorak@mhsr.sk)