

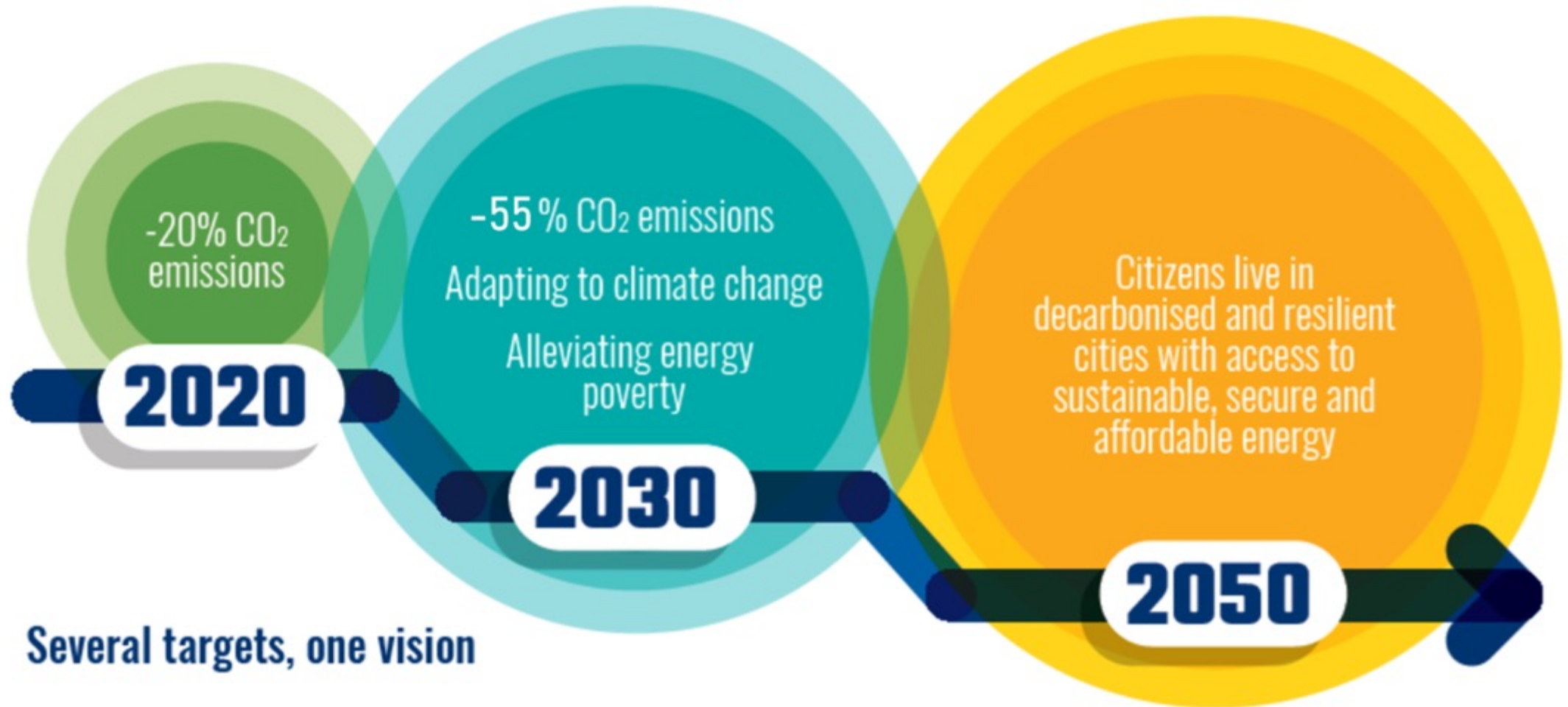
# REGIONAL TRAINING ON MODEL-BASED INTEGRATED ENERGY AND CLIMATE ANALYSES

Almaty, 24 September 2024

## EU Regulation on the Governance Understanding the Key Points

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# Vision of European Union



# Main goals of Energy Union

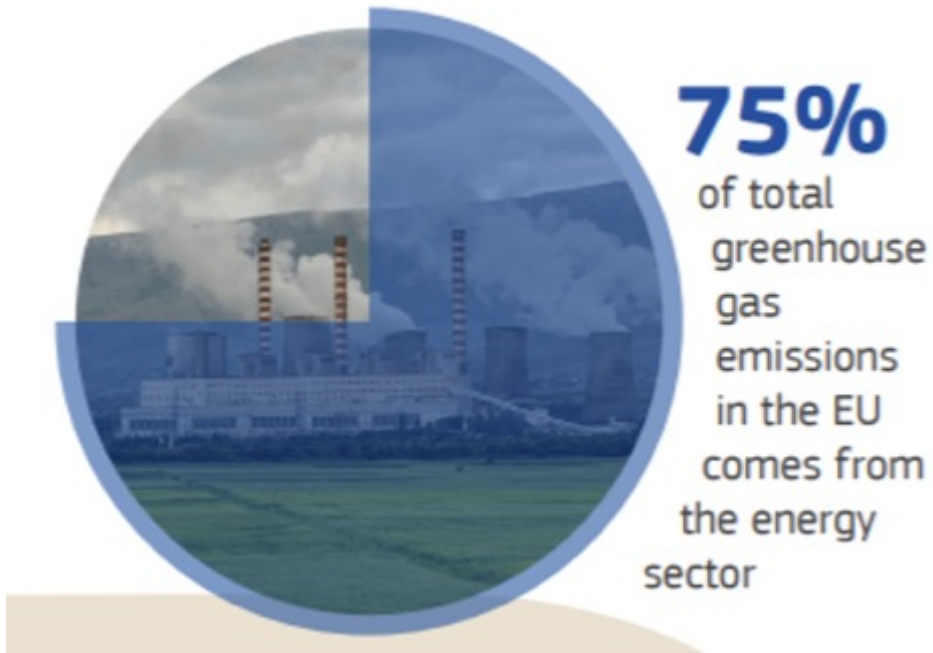
## DECARBONISING OUR ENERGY SYSTEM TO MEET OUR CLIMATE GOALS

Reducing greenhouse gas emissions by at least 55% by 2030 requires higher shares of renewable energy and greater energy efficiency in an integrated energy system

This transformation will:

- improve our health and wellbeing
- create jobs and growth
- generate investment and encourage innovation
- address energy poverty
- facilitate consumer choice
- reduce dependency on energy imports and strengthen security of supply

**The Commission is proposing to revise seven interlinked pieces of legislation, which are central to moving towards a climate-neutral energy system**



# Why this Governance Regulation is needed?

## Governance Regulation

Energy efficiency

Renewable energy

Electricity, gas and oil energy

Directive  
2023/1791

Directive  
2024/1275

Directive  
2023/2413

Directive  
2024/1747

Directive  
2024/1788

- **Sets the Foundation:** Provides the legal framework for achieving the Energy Union's goals, particularly the 2030 climate and energy targets
- **Collective Effort:** Ensures all EU countries work together and contribute fairly to the common objectives
- **Transparency and Predictability:** Creates a clear and consistent system for energy and climate planning and reporting, promoting investor confidence

# What is National energy and climate plan (NECP)



The National Energy and Climate Plan is **prepared by each Member State** and it is a **10-year plan**:

- For economic transition & energy systems towards a sustainable future
- Enforces commitment on energy & climate targets
- Describes public policies & investments
- Sets concrete targets for the 3 areas
- It must be in line with the EU's overall targets and contribute to them

# National energy and climate plan (NECP)



**The NECP has  
5 dimensions:**



**Energy security:** Ensuring reliable and uninterrupted energy supply



**Internal energy market:**  
Creating a competitive and integrated energy market across the EU



**Energy efficiency:**  
Promoting the wise and efficient use of energy



**Decarbonization:** Reducing greenhouse gas emissions to combat climate change



**Research, innovation, and competitiveness:** Fostering advancements in clean energy technologies

## Topics also covered:

GHG Inventories

Adaptation strategies and planning

Policies and measures

Energy subsidies (including related PaMs)

Energy poverty

Just transition

Regional cooperation

Implementation of recommendations

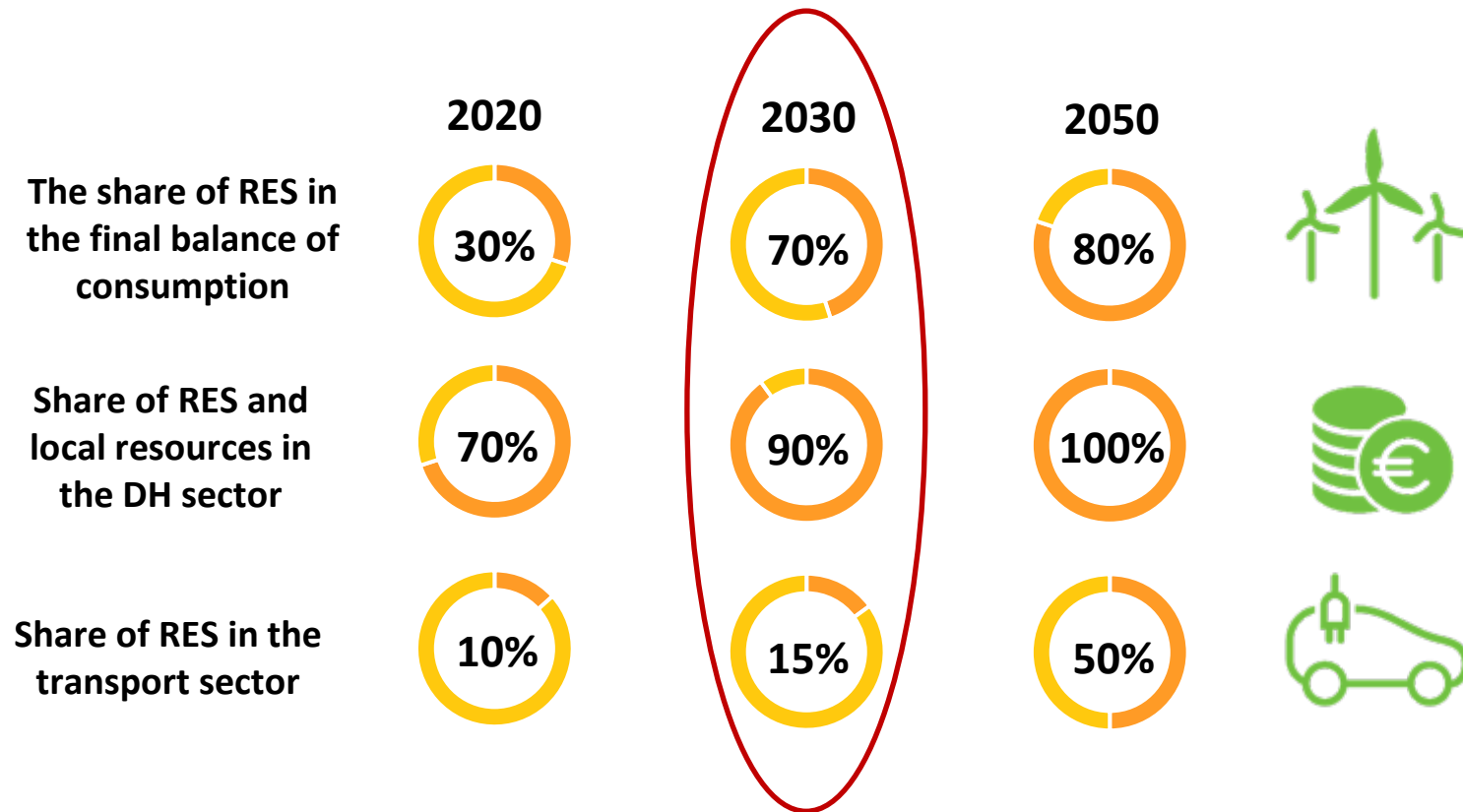
Multi-level energy and climate dialogue

Interconnectivity

# Targets achievement in Lithuania

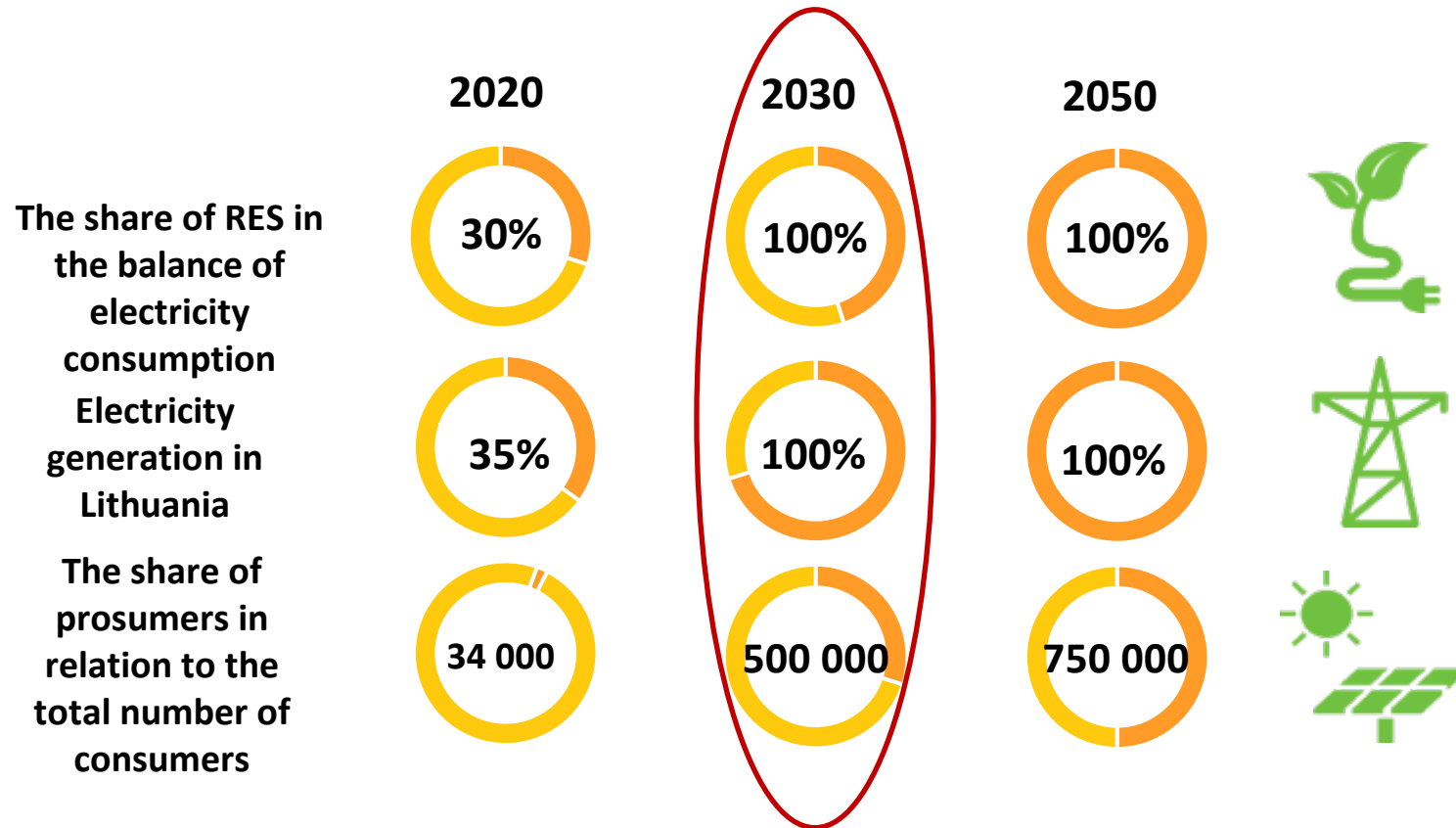


# Targets of RES in NECP of Lithuania

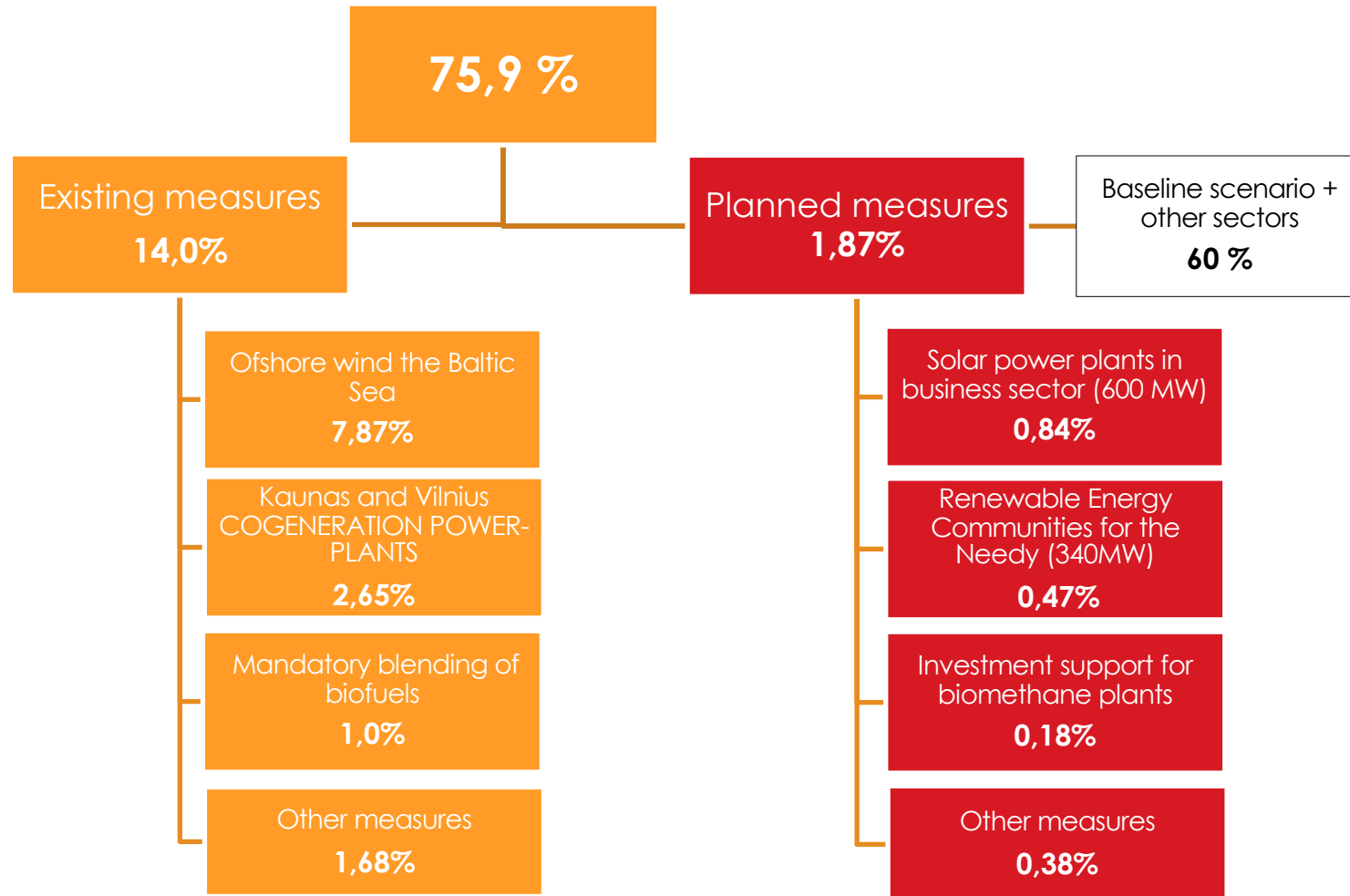




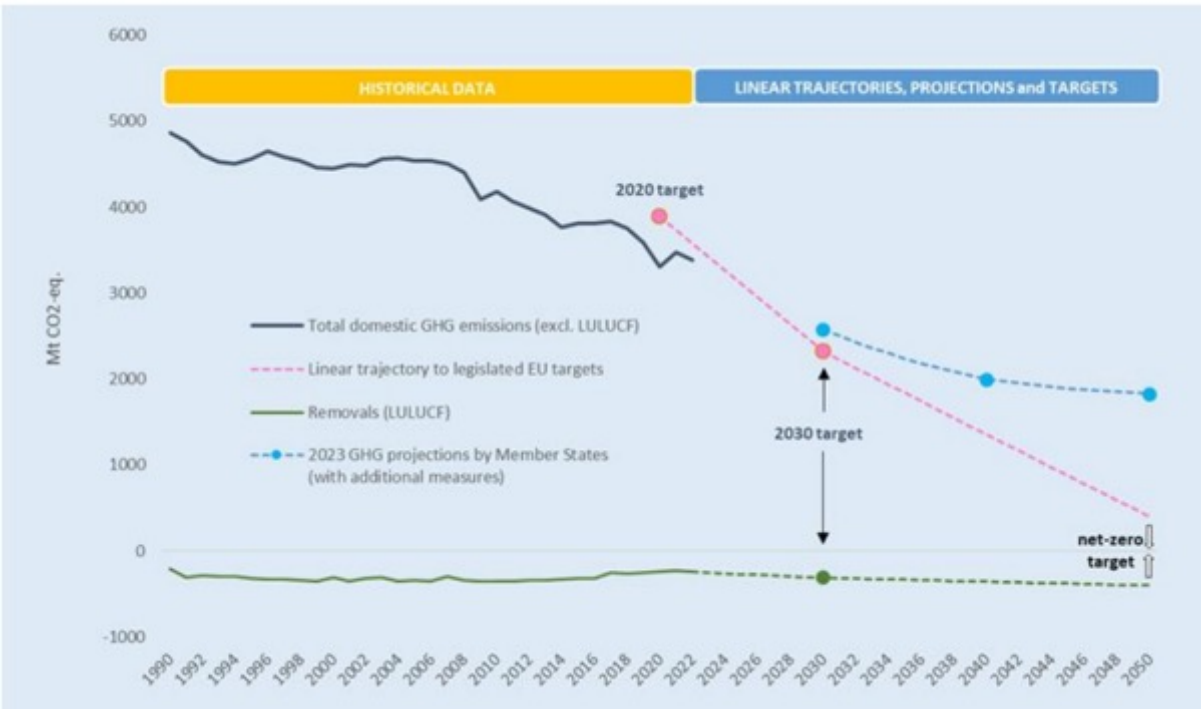
# Targets of RES in NECP of Lithuania



# RES measures in NECP of Lithuania



# Tracking the Progress



**Progress Reports:** Countries submit progress reports every two years, detailing their achievements and challenges

**Commission Assessment:** The European Commission evaluates these reports and provides recommendations

**Corrective Action:** If the EU or individual countries are not on track, additional measures can be taken at the EU or national level

**THANK YOU!**

