

International Conference  
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# **NATIONAL ENERGY AND CLIMATE PLAN – PROCESS AND LESSONS LEARNED IN GEORGIA**

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# EU Green Deal and Clean Energy for All Europeans Package

[Clean energy for all Europeans package \(europa.eu\)](https://europa.eu)

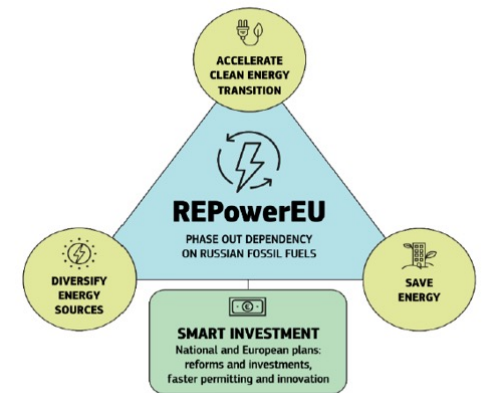
Net zero for 2050 and 55% emission reduction for for 2030.

Renewable Energy target 40% -> 45%

Energy Efficiency improvement 32% ->36%

**Mechanism of implementation of the plans**

**National Energy and Climate Plans (NECPs)** for 2021 to 2030, with view towards 2050.



# INTEGRATED NATIONAL ENERGY AND CLIMATE PLANS (NECP)

## Plans for 2021 – 2030 with the outlook to 2050



- **Energy Security**
- **Energy Efficiency** as a primary fuel
- **Decarbonization** and **Renewable Energy** development
- **Market integration**
  - Cross-border connections
  - Harmonized Market rules
  - Addressing **energy poverty** and vulnerable customers
- **Research and Innovation** for new technologies and better prices

# Governance of Energy Union

Preparation of draft NECPs

- Wide discussion for public engagement

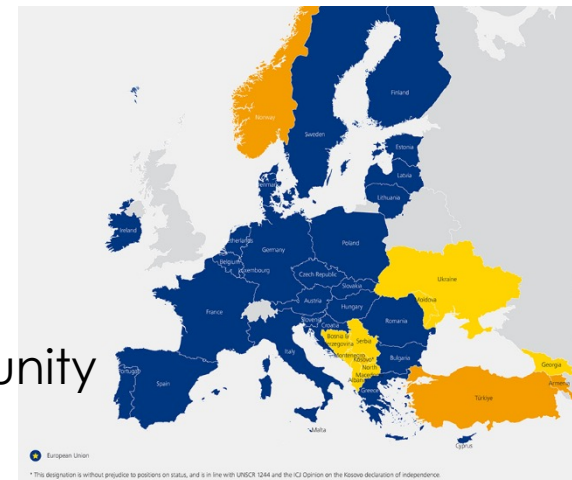
Review by the Commission to assure the quality and achievement of targets

Final NECPs [National energy and climate plans \(europa.eu\)](https://europa.eu)

Implementation Progress Reporting (2 years)

Review of NECPs from 2023

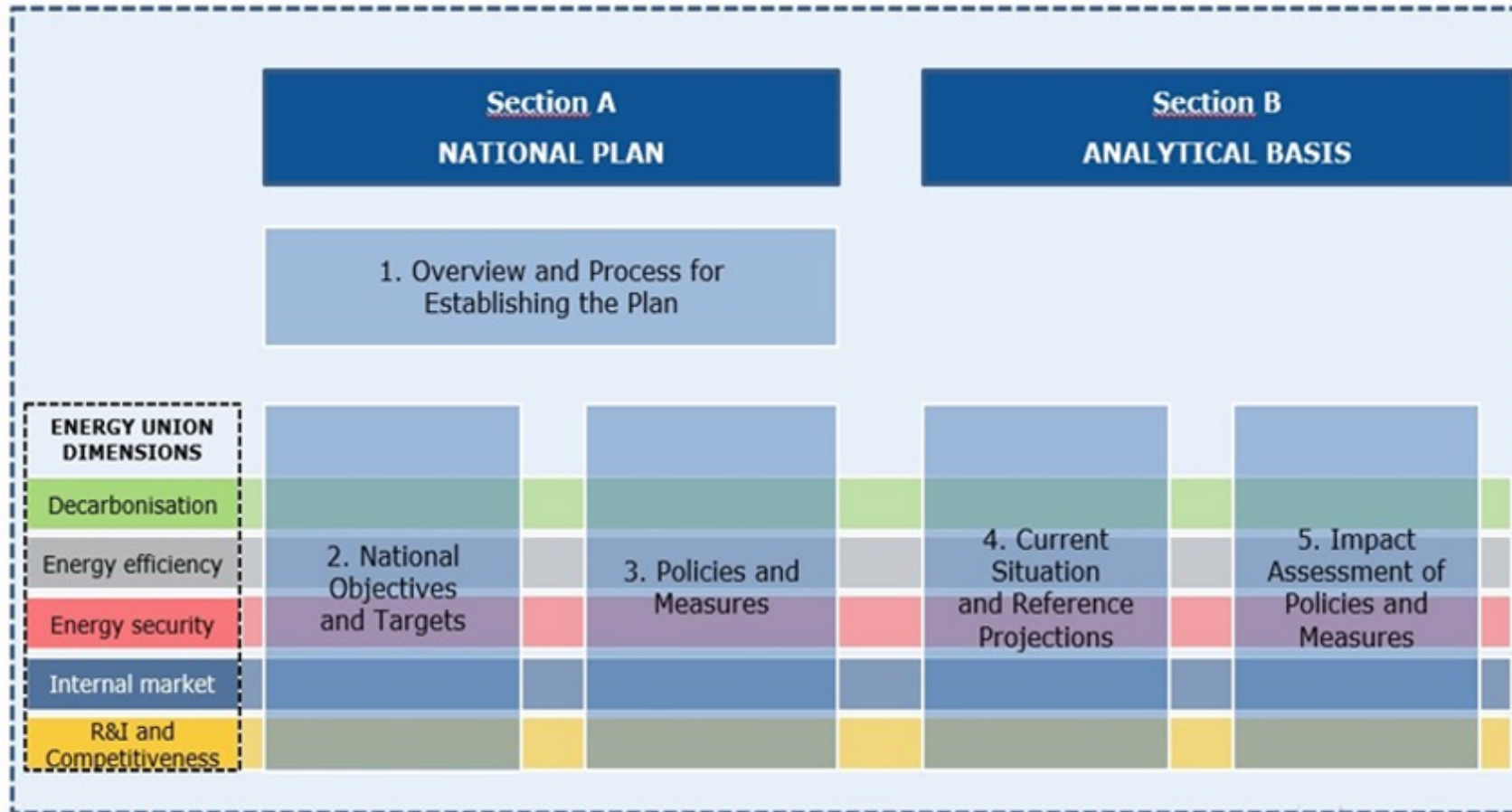
Long term strategies



The same process applies in Energy Community

# Structure of the NECP

Integrated plan includes five Directions (of Energy Union)



## A. WHAT IS THE PLAN?

What are the **targets**?  
 What **policies and measures** shall be introduced for their achievement?

## B. HOW THE PLAN WILL WORK?

- What is the current condition?
- How the policies and measures will lead to the planned results?

# NECP Process in Georgia

## NECP preparation

### - Started - October 2019

Experience and measures from NEEAP (Energy Efficiency Action Plan) and NREAP (National Renewable Energy Action Plan)

- Organization
  - Lead - Ministry of Economy and Sustainable Development (MoESD) with Ministry of Environmental Protection and Agriculture (MEPA)
  - Governmental Steering Committee
  - 4 working groups: Electricity, Natural gas, Energy Efficiency, Renewable Energy – utility companies and analytical organizations
- ECO consulting - Lead and consolidation of the **EE, RE, Market**
- MEPA - **Decarbonization**
- WEG - **Energy Security and Research Innovation and Competitiveness**
- Remissia - **TIMES Georgia modeling and scenarios**

# NECP process in Georgia

- **Document of 400+ pages**
- **Public discussions** at the background of dispute around Namakhvani HPP  
14 public discussions with civil society on various parts of NECP helped in increasing awareness
- **National Energy Policy of Georgia – a framework document (90 pages)**  
prepared by **WEG**

Government Steering committee and 8 working groups – a thorough discussion of issues

4 rounds of commenting and final public discussion

## **Strategic Environmental Assessment**

Environmental Scoping – commenting and Public Discussion

Strategic Environmental Impact Assessment prepared

- **Government approval** of NECP expected in **Fall 2023**
- **Parliament adoption** in **November 2023**

# NECP and NEP Process

## NECP Preparation

- 2014-2018 NEEAP and NREAP;
- 2019 October – NECP;
- Jan- May 2022 Public discussions
- Review and finalization ongoing

## NEP Preparation

- Jan - NEP start;
- May Internal reviews;
- July-August Public presentation and review;
- September completion of NEP

## Strategic Environmental Assessment

- June 2022 Scoping
- Public discussion of scoping
- SEA preparation
- Approval of SEA Sep. 2023

## Formal Approval

- Approval of NEP/NECP by Government October 2023
- Adoption by Parliament End 2023



# Lessons Learned and Relevance for KR

- **One Integrated plan** covering all aspects of the energy sector, instead of many uncoordinated inconsistent plans. Provides the **targets and trajectories** for monitoring in various subsectors
- **Harmonized and cost-efficient** achievement of objectives in
  - Energy Security, climate obligations, energy efficiency and social aspects (energy poverty)
- Building the capacity, communication and systems is no less important than the final document!!!
- Importance of **Research, Innovation**, and competitiveness

## Provides

- Unifying vision of country development for **coordination between different sectors and stakeholders**
- **Long-term confidence for investors**
- **Framework for donor support and technical assistance**
- Provides the confidence and potential for international cooperation

# Could NECP and governance like Energy Union be a good model for Central Asia?

- Operational and long-term synergies between fossil and renewable-energy-dominated systems
- Huge renewable energy potential of global importance for export of green electricity and hydrogen
- Potential for Mutually beneficial exchange and cooperation (e.g. energy balancing, integration of huge RE capacities, production and export of green hydrogen etc.)
- Water and energy nexus needing optimization for mutual benefit
- Cooperation in all aspects:  
Energy Security, Market integration, Renewable energy, Energy Efficiency, Research and Innovation Seems to be highly beneficial
- Could pave the way to Sustainable Energy and Climate Cooperation in Central Asia

**THANK YOU**

