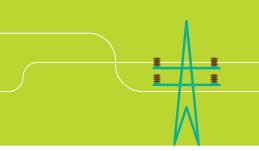
ENERGY EFFICIENCY AND RES GOALS IN TRANSPORT SECTOR



Ministry of Energy

Strategic long term goals related to RES and EE in

transport coctor

RES share in transport sector

2020

2030

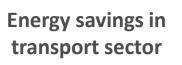
2050















NATIONAL DEVELOPMENT PLAN (TARGET NO. 6) (PROJECT) RESPONSIBLE INSTITUTION (MINISTRY OF TRANSPORT)

Ensure air quality and sustainability of natural resources, diminish impact to climate change and resilience to its impact

Target indicators:

	Measure	Dead line	Interim value 2025	Final value 2030
Final Energy savings	GWh	0 (2020)	20 459,3	27 279
RES share in final consumption	Proc.	25,03 (2018)	38	45

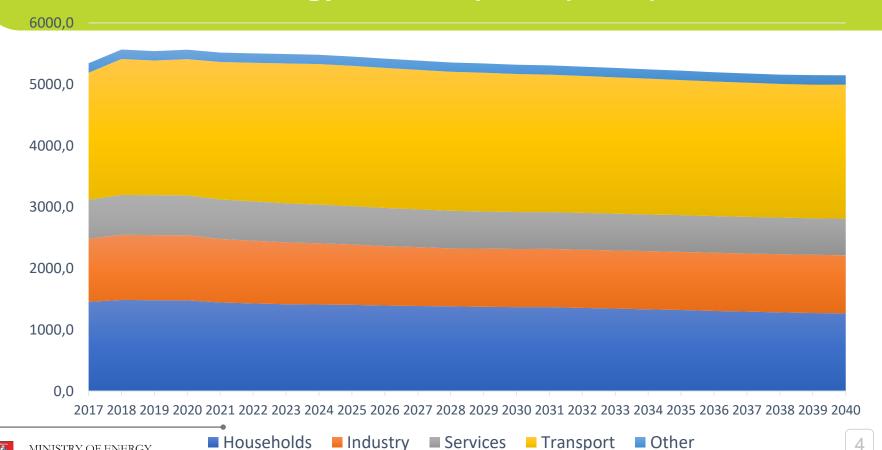
Objective:

Increase energy efficiency, RES consumption in transport and promotion of intermodality

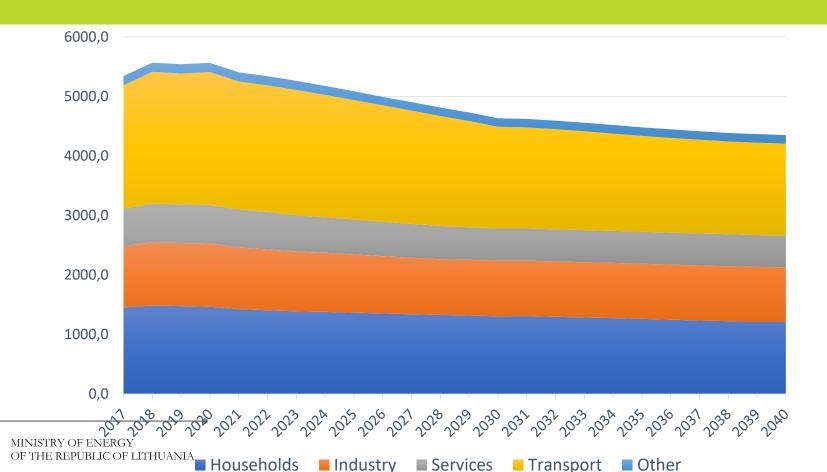
Indicator:

Impact indicator	Measure	Base line	Interim value 2025 m.	Final value 2030 m.
RES share in transport	Proc.	4,33 (2018)	11	15
Energy savings in transport	GWh	0 (2020)	8 183,7	10 911,6

Final energy consumption (WEM) Ktno



Final energy consumption (WAM) Ktno



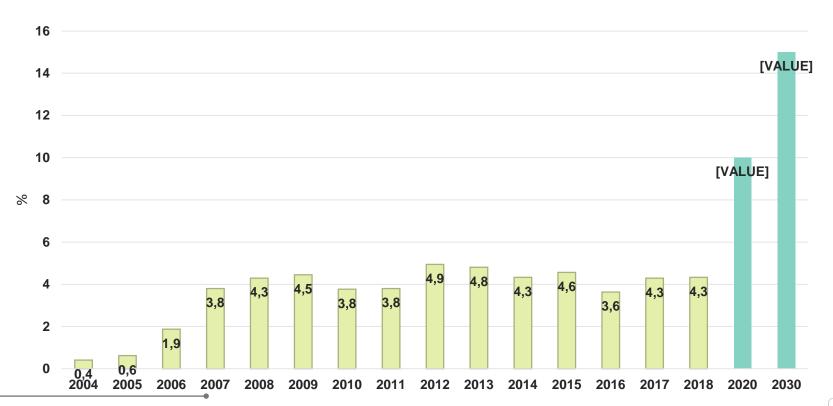


C

RES share in transport sector of EU Member States in 2017

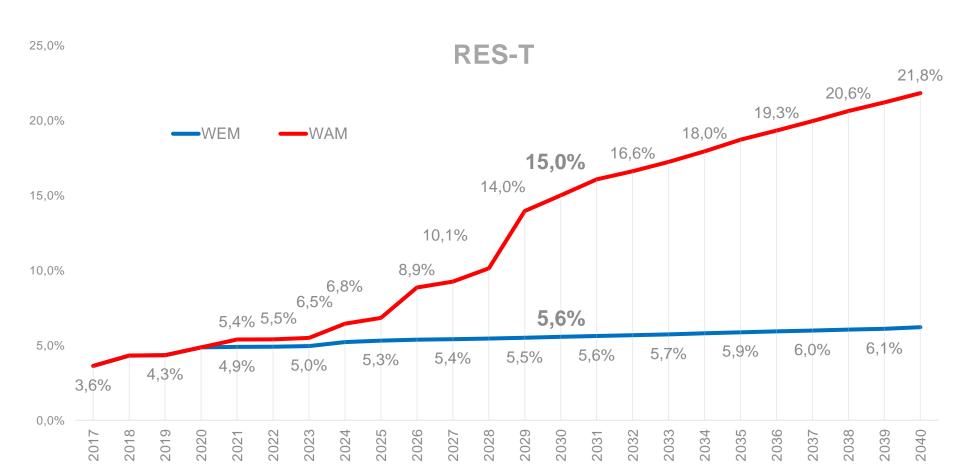


RES share in national transport sector

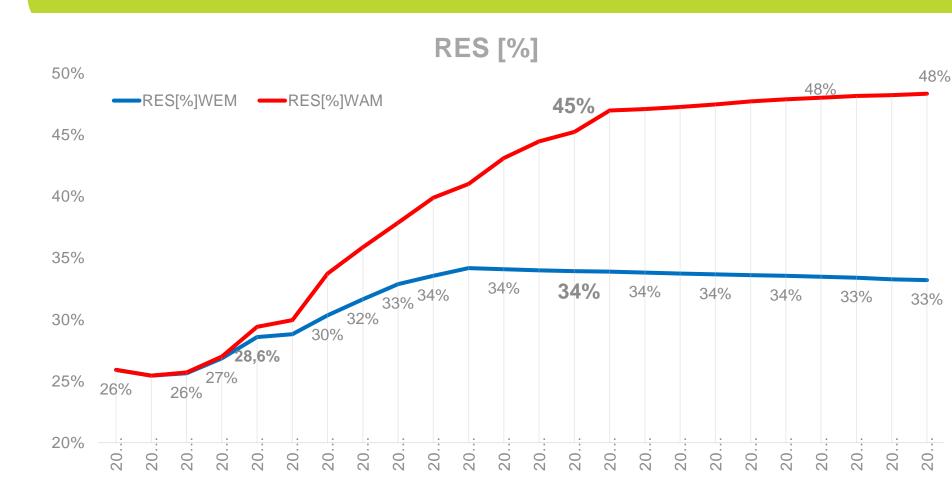




NECP – IMPACT EVALUATION



NECP – IMPACT EVALUATION

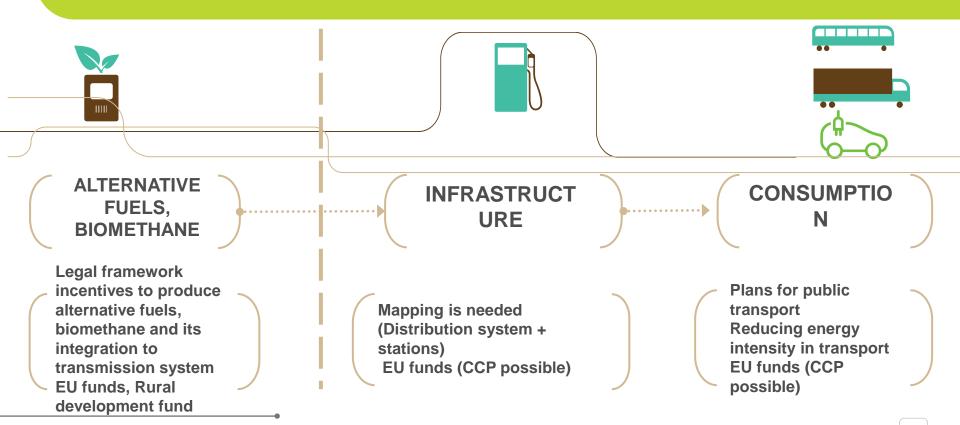


LEGAL FRAMEWORK

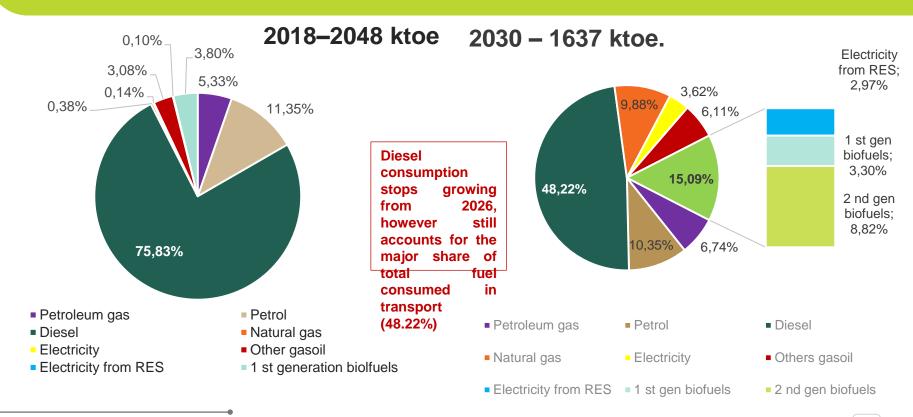




RES PROMOTION IN TRANSPORT: SYSTEM



Balance of fuels in 2018 and 2030





Objective 2. Promoting use of renewable energy



Non-competitive local energy market

Solutions for installing and storing energy generation from RES

Adverse impact on climate change

2030
RES share
in the final
consumptio
n balance
45%

Alternative fuel production and infrastructure for its consumption in transport sector

Lack of innovations

Use of RES and installation of heating energy storage facilities in DH sector



Objective 1. Promoting the use of energy efficiency improving measures



Inefficient use of resources

Primary and final energy intensity in 2030 is 1.5

times lower than in 2017.

Low efficient industry

Energy inefficient

transport sector

Improving energy efficiency in households not connected to DH (replacement of boilers with more efficient RES technologies or connection to DH)

Improving energy efficiency in buildings (renovation of public buildings, modernisation of heating points and/or heating and hot water preparation systems)

Improving energy efficiency in public infrastructure (modernisation of street lighting, reduction of energy intensity in transport)

mproving energy efficiency in companies (according to energy audireports)

Use of residual heat energy from industry, service sector or cooling in DH sector

Smart energy metering and managing systems

Improving efficiency of district heating network by adjusting them for operation in low-temperature regime

liofuel boilers' modernisation or replacement with biofuel cogeneration or other technologies using RES (other than biofuel) and improving nergy efficiency.



How 15 % RES share in transport sector is planned to be achieved by 2030

 Promotion of development of biomethane production plants and infrastructure for its integration to transmission system

138 kTOE, 153 mln. m3 (impact + 9,7 %)

- Increase of the amount of I generation biofuels by mixing 5% of biofuels in transitional period 30,47 kTOE (impact + 1,7 %)
- Support for II generation biodiesel by covering the part of the producer's operational expenses 69,2 kTOE, promotion of II generation bioethanol production infrastructure 6,45 kTOE (total impact
 - + 5,49 %)
- Support to producers to equalize the costs of compressed biomethane to the costs of compressed natural gas 138 kTOE
- Promotion of acquisition of public transport buses running on natural or biomethane gases

Initiatives to be taken by the Ministry of Energy, Ministry of Transport (?)

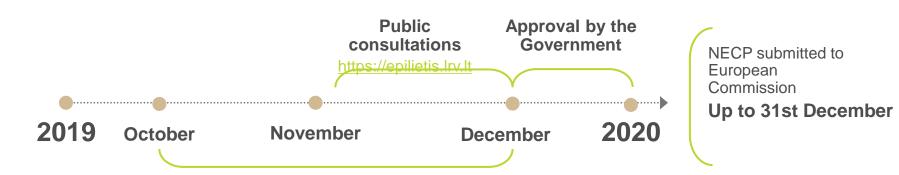
- Electrification of railways
- E-Tolling
- Promotion of use of newer, cleaner vehicles (including "Green procurement" for the public sector)
- SUMP activities to reduce urban car use: Park&Ride, Bike sharing etc.
- Environmentally friendly public transport (urban and suburban)
- Promotion of EV use;
 Expansion of charging infrastructure
- Modernisation of inland waterway infrastructure

And other initiatives coordinated by other institutions

Public investment needs approx. 340 MEUR

Initiatives to be taken by the MINISTRY OF TRANSPORT ISSEPTING REPORTS OF LITHUANIA

National Energy and Climate Plan



Coordination with Inter institutional working group



THANK YOU FOR YOUR ATTENTION energy

