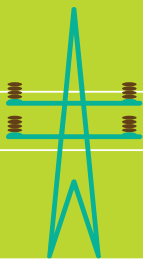


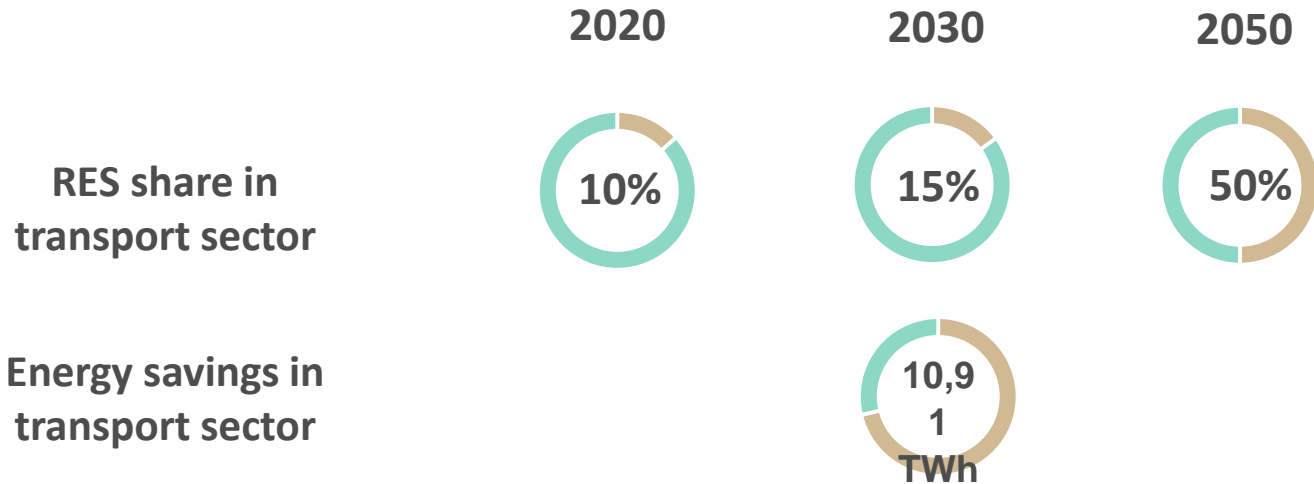
ENERGY EFFICIENCY AND RES GOALS IN TRANSPORT SECTOR



Ministry of Energy



Strategic long term goals related to RES and EE in transport sector



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:

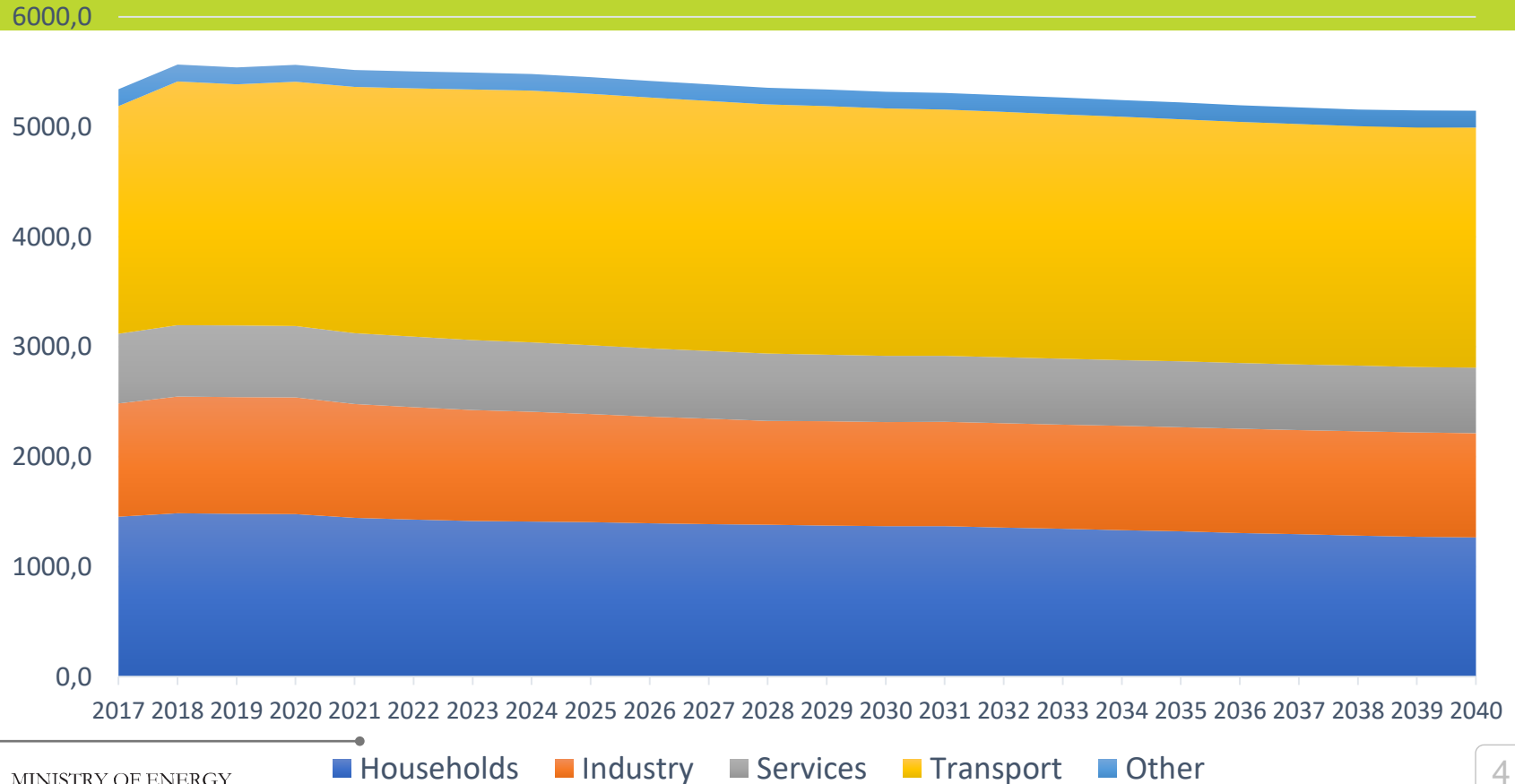
Increase energy efficiency, RES consumption in transport and promotion of intermodality

Indicator:

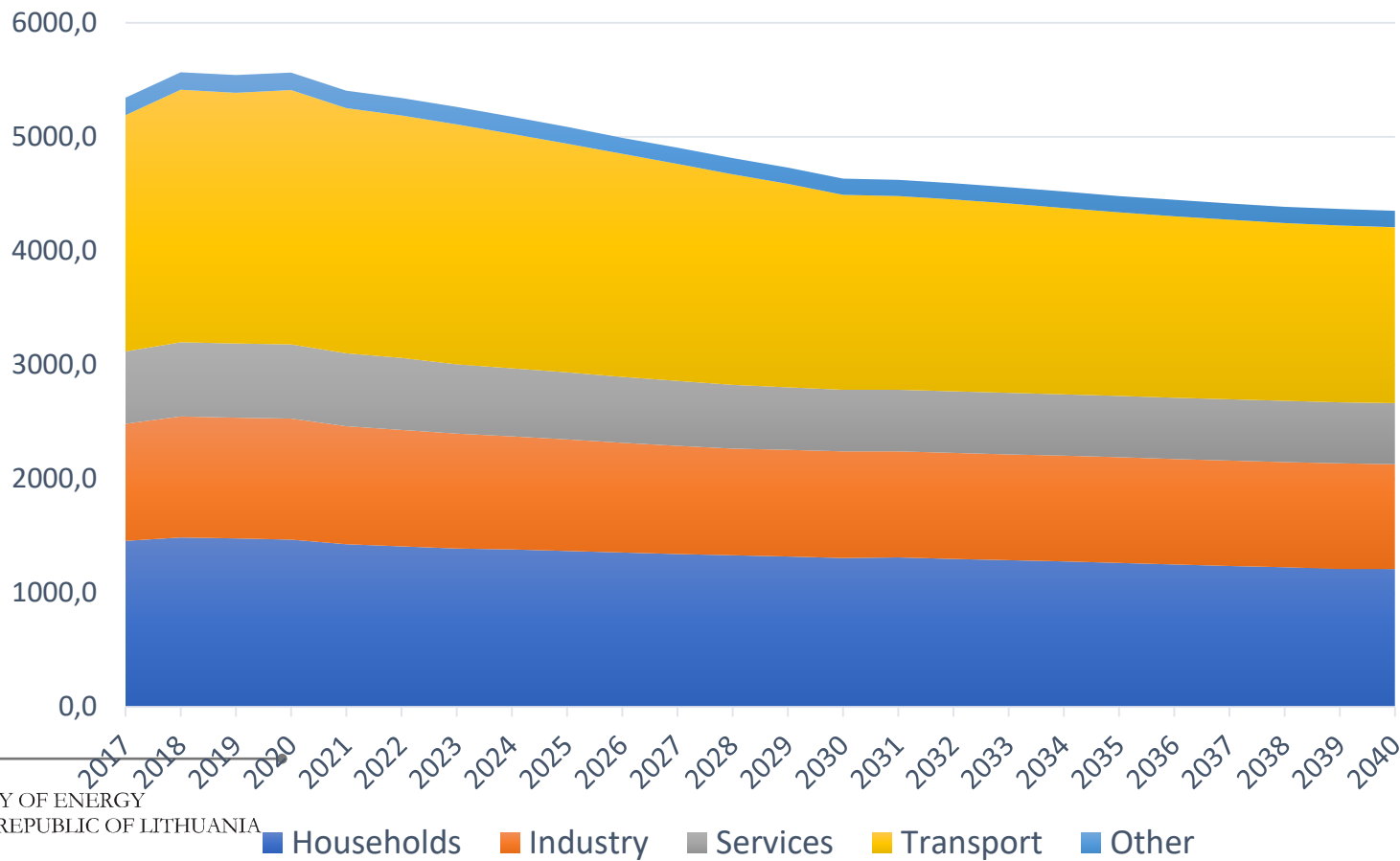
Impact indicator	Measure	Base line	Interim value 2025 m.	Final value 2030 m.
RES share in transport	Proc.	4,33 (2018)	11	15
Energy savings in transport	GWh	0 (2020)	8 183,7	10 911,6



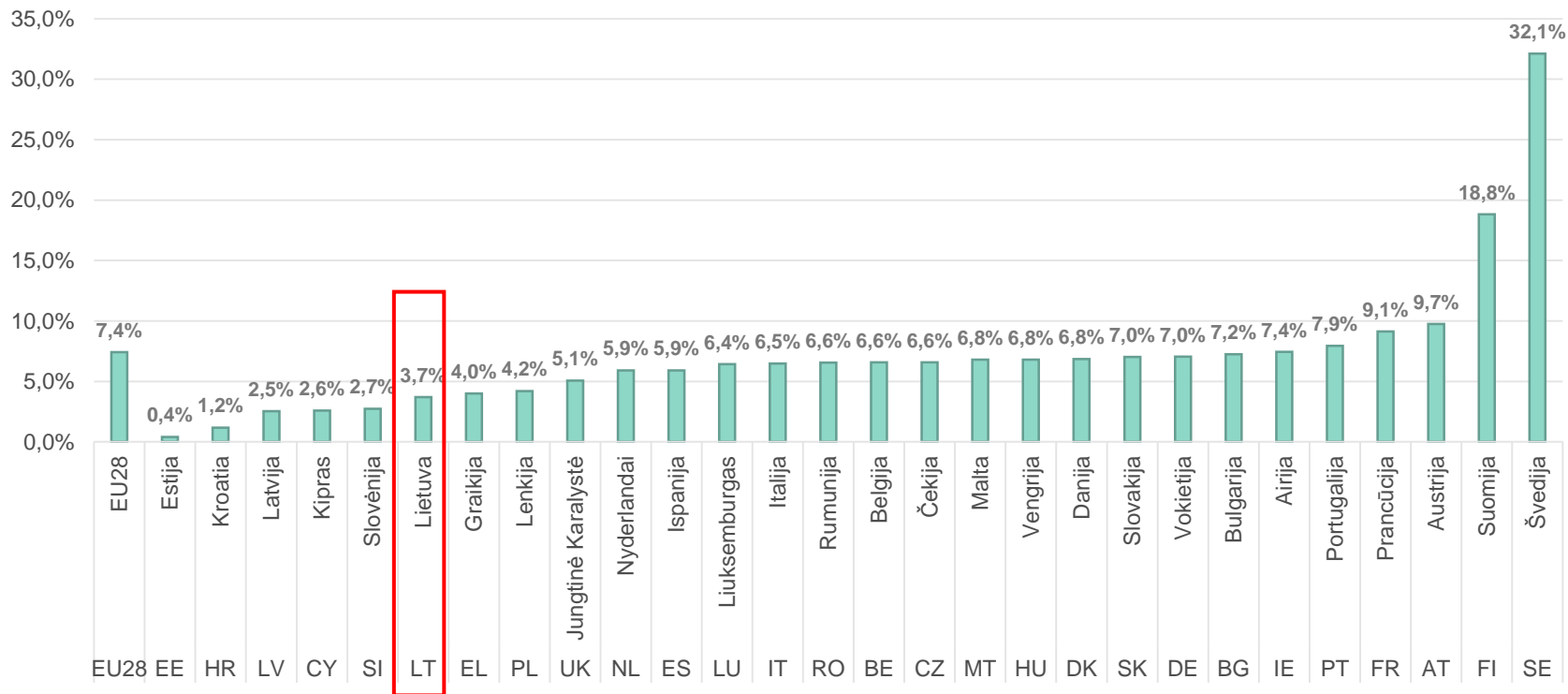
Final energy consumption (WEM) Ktno



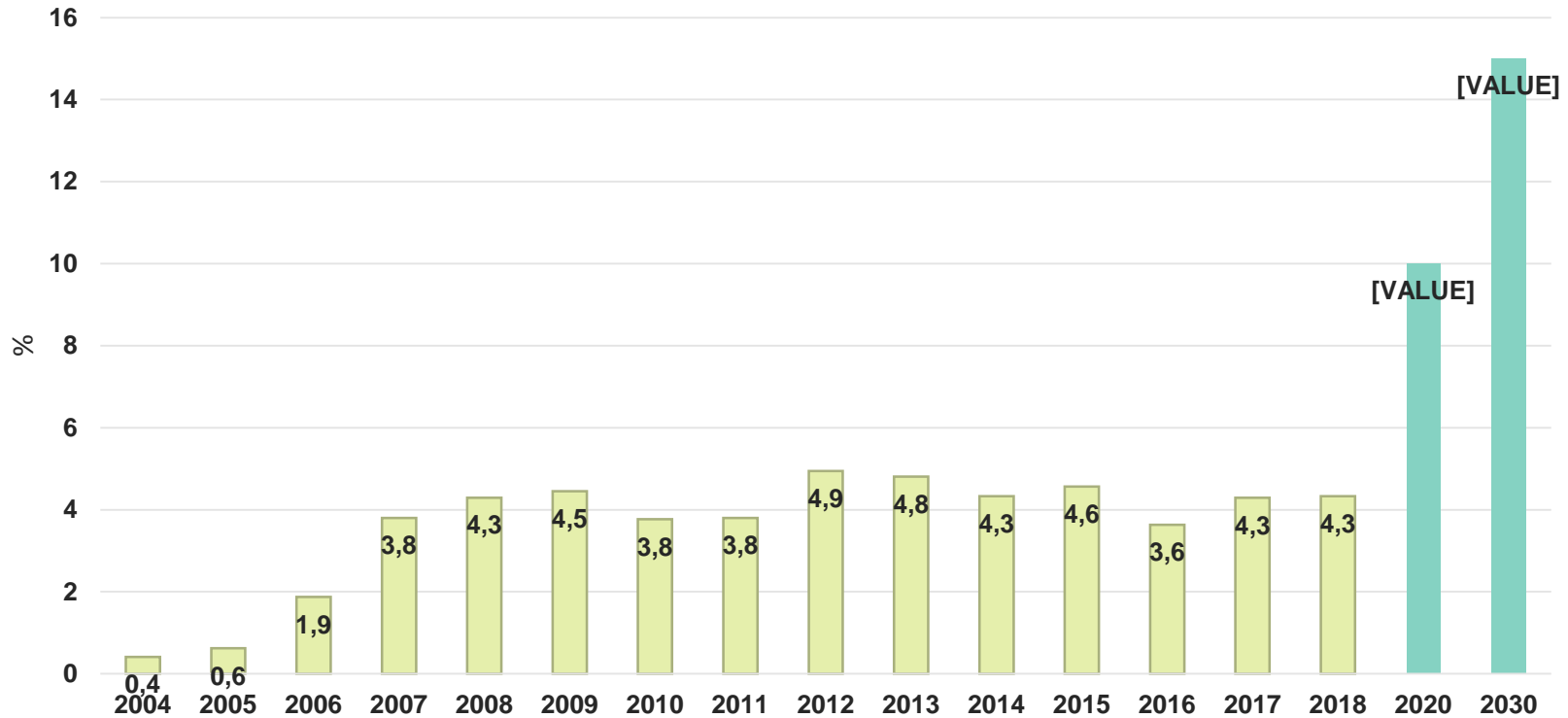
Final energy consumption (WAM) Ktno



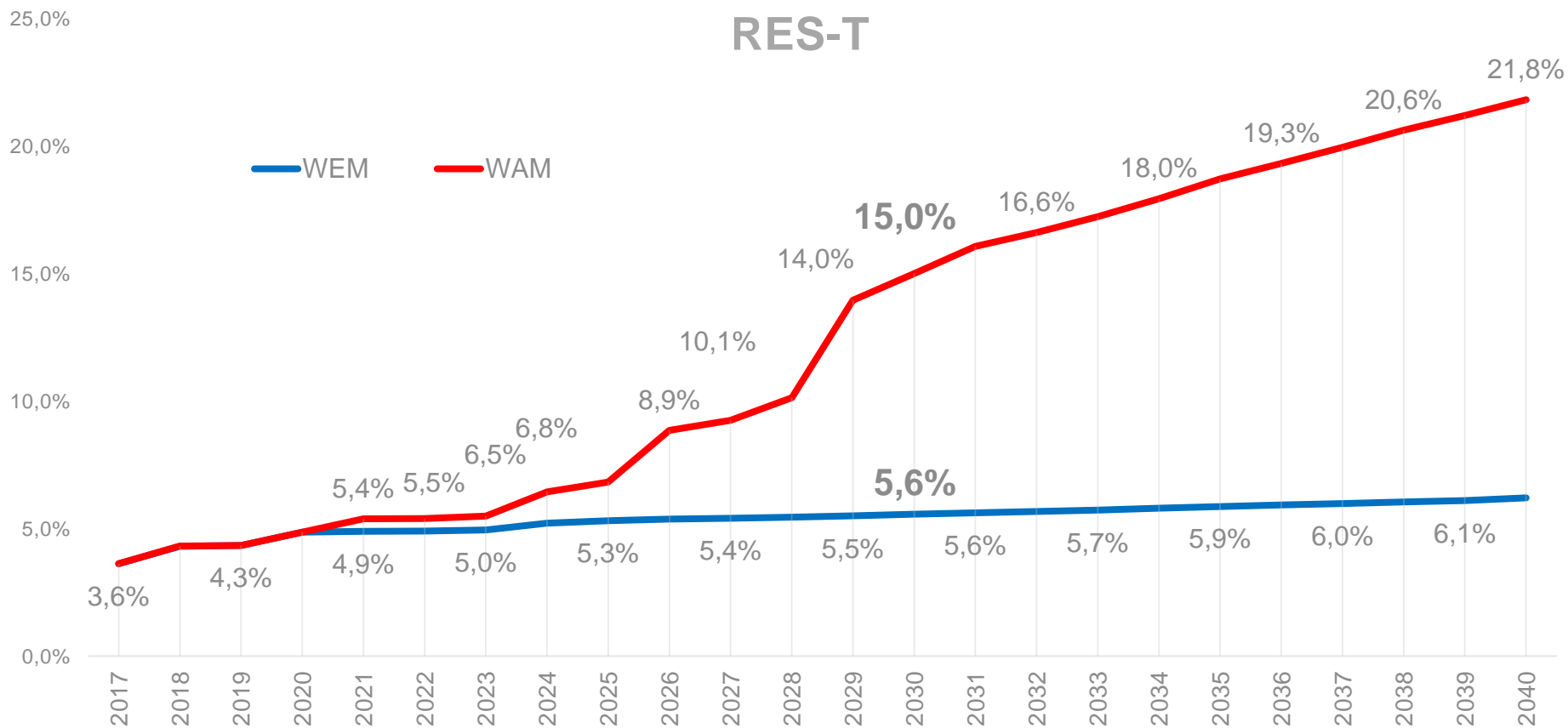
RES share in transport sector of EU Member States in 2017



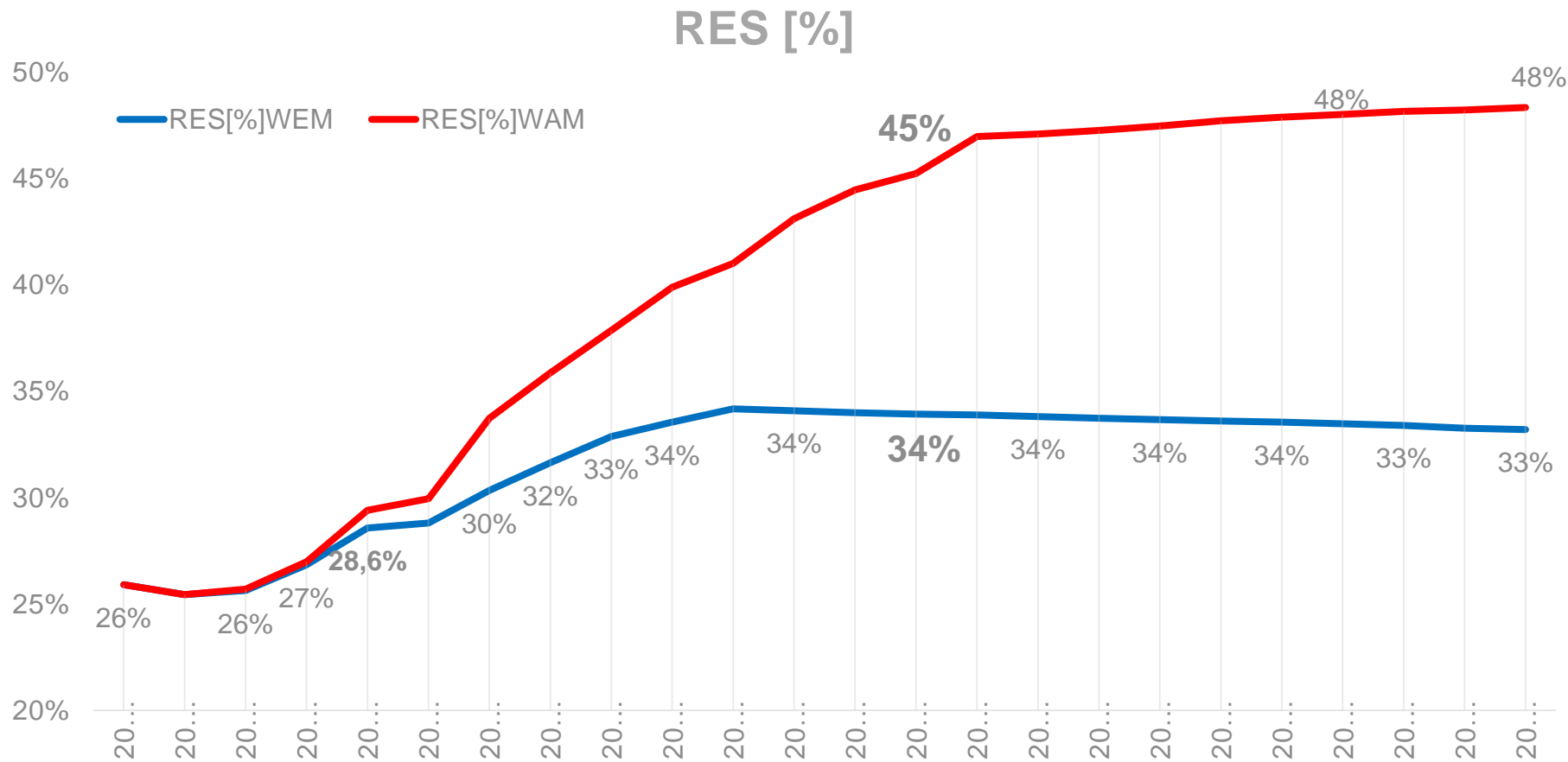
RES share in national transport sector



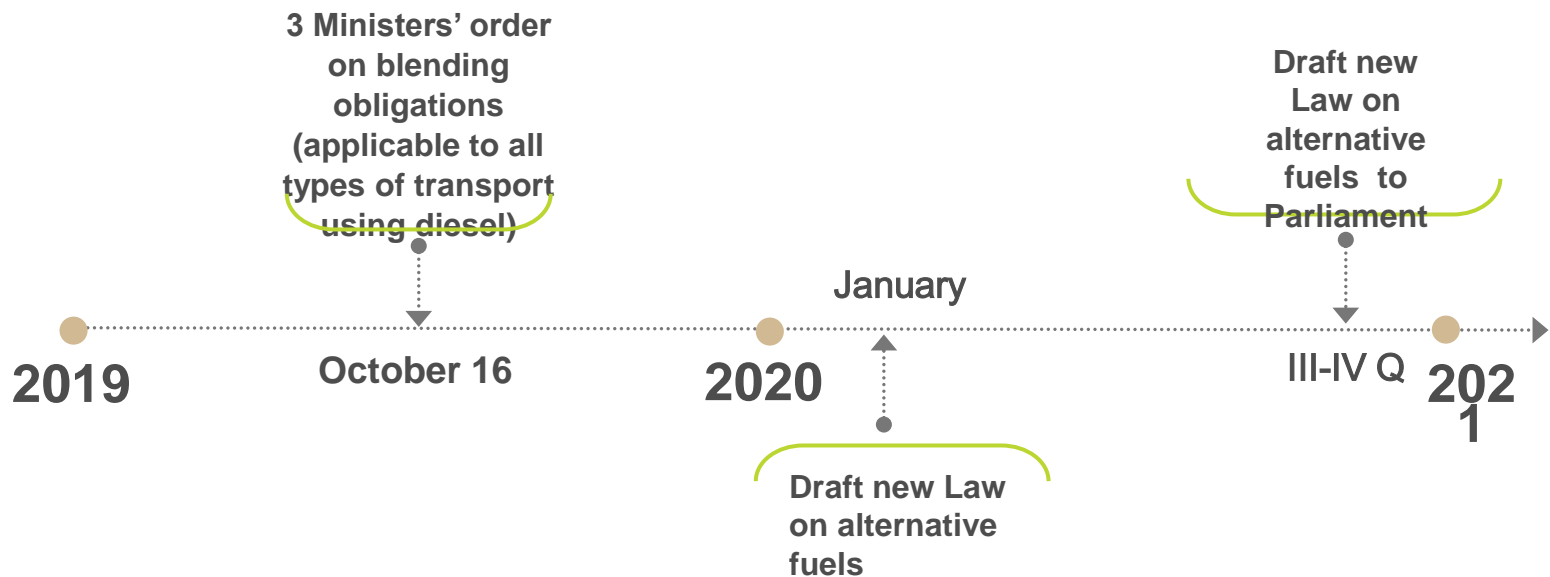
NECP – IMPACT EVALUATION



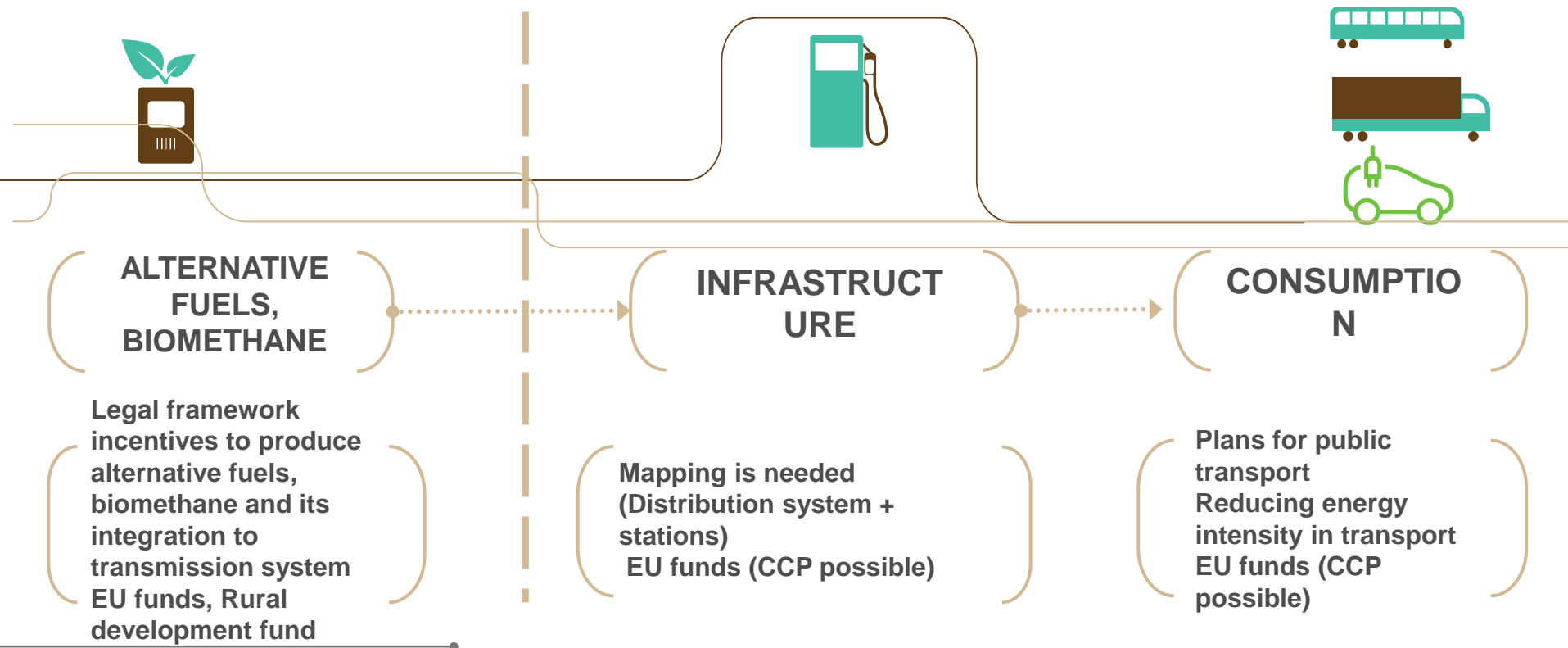
NECP – IMPACT EVALUATION



LEGAL FRAMEWORK

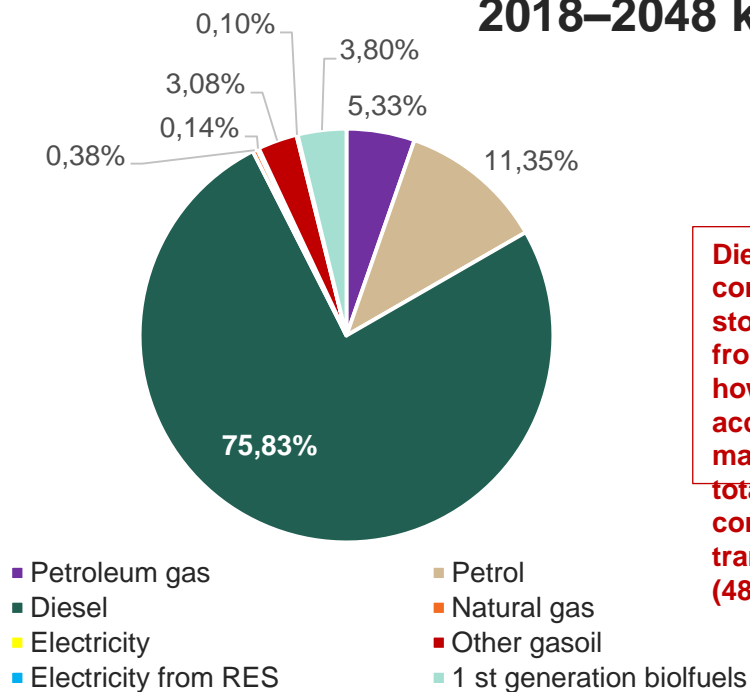


RES PROMOTION IN TRANSPORT: SYSTEM

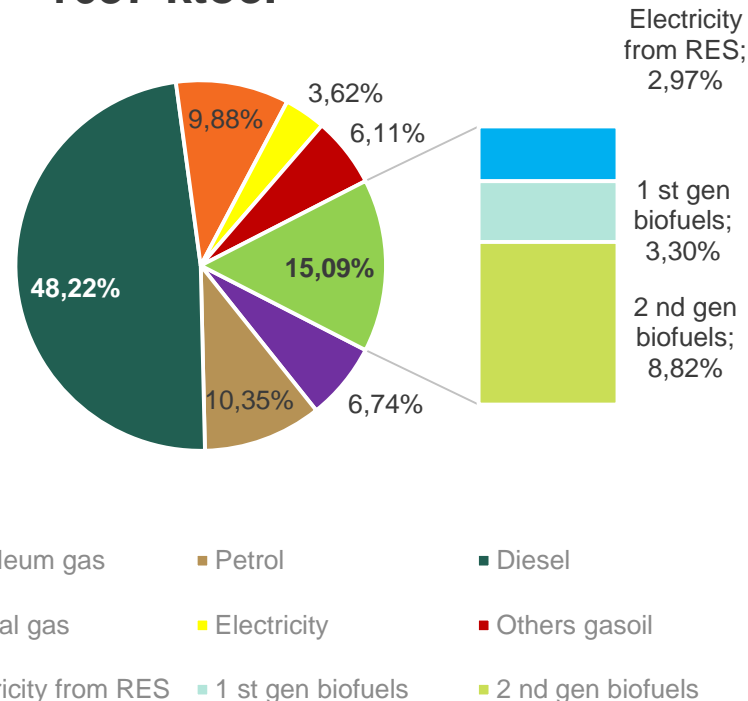


Balance of fuels in 2018 and 2030

2018–2048 ktoe 2030 – 1637 ktoe.



Diesel consumption stops growing from 2026, however still accounts for the major share of total consumed fuel in (48.22%)



Objective 2. Promoting use of renewable energy



Non-competitive local
energy market

Adverse impact on
climate change

Lack of innovations

**2030
RES share
in the final
consumption
balance
45%**

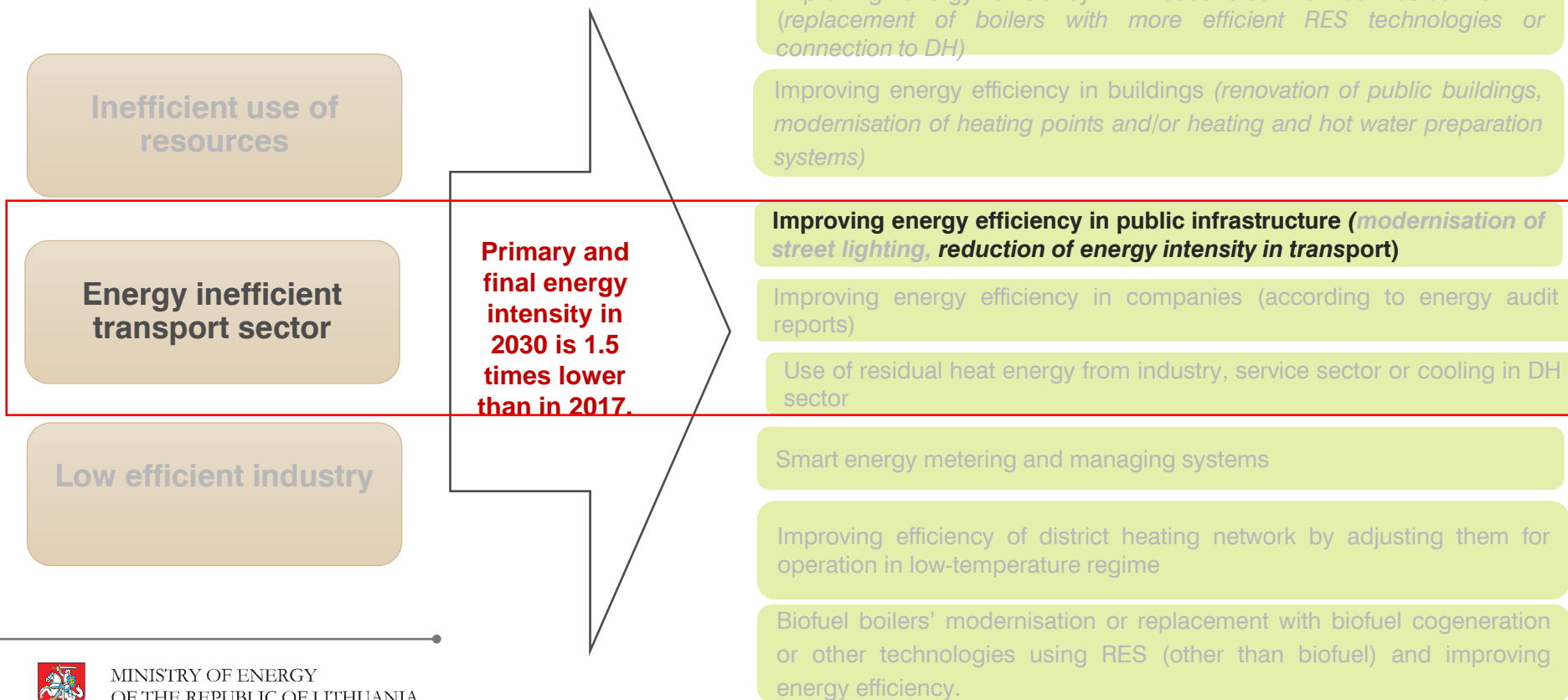
Solutions for installing and storing energy
generation from RES

Alternative fuel production and
infrastructure for its consumption in
transport sector

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



Objective 1. Promoting the use of energy efficiency improving measures



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 (?)

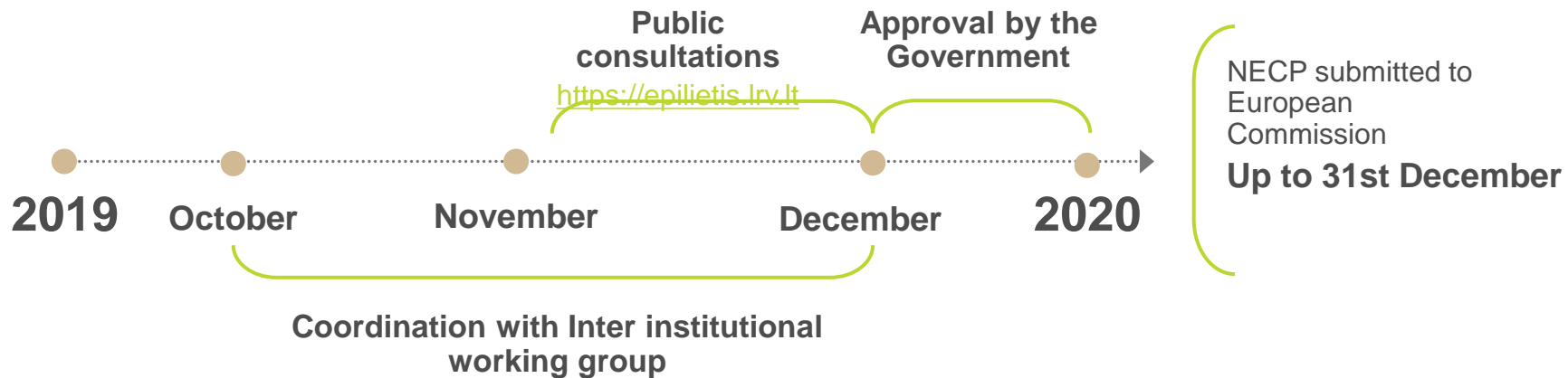
- Electrification of railways
- E-Tolling
- Promotion of use of newer, cleaner vehicles (including „Green procurement“ for the public sector)
- SUMP activities to reduce urban car use: Park&Ride, Bike sharing etc.
- Environmentally friendly public transport (urban and suburban)
- Promotion of EV use;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

And other initiatives coordinated by other institutions

Public investment needs - approx. 340 MEUR



National Energy and Climate Plan



THANK YOU FOR YOUR ATTENTION

