A MORE CONNECTED LITHUANIA:

EU INVESTMENT IN TRANSPORT AND COMMUNICATIONS 2021–2027



MINISTRY OF TRANSPORT AND COMMUNICATIONS OF LITHUANIA

2019 10 17, VILNIUS

LITHUANIA – AT THE CROSSROADS TRANSIT FLOWS



SERVING MARKETS:

Baltic sea region: population 104 million

Eastern Europe and CIS: population 275 million

Western Europe: population 310 million







TRANSPORT AND COMMUNICATIONS SECTOR: KEY ECONOMIC INDICATORS

Share of gross value added by economic sector



- Transport and communications is the third largest economic sector in Lithuania
- Transport and communications sector creates 13,3 % of the country's GDP
- Transport and communications sector employs over 128,000 workers.
- More than 7600 businesses are operating in this sector.

SUSTAINABLE DEVELOPMENT OF TRANSPORT: CHALLENGES



SUSTAINABLE DEVELOPMENT OF TRANSPORT: GOALS FOR 2030

- Safe and effective transport infrastructure. All TEN-T Core infrastructure fully compliant with requirements set out in TEN-T regulations.
- Progress toward "Vision Zero": traffic fatalities down by 50% to no more than 30 per million inhabitants.
- Reduction of GHG emissions from transport by 9%.
- Access to state-oft-he-art digital connectivity to every household.

2021-2027 OPERATIONAL PROGRAMME



2021-2027 OPERATIONAL PROGRAMME: PUBLIC DISCUSSIONS

On 26 July 2019 MoTC held an open discussion with social and economic partners, academia and other concerned parties about potential directions for EU investment, activities, projects and expected outcomes during the 2021-2027 period.

Part of the proposals and feedback gathered during the meeting and afterwards were taken into account while formulating the objectives and activities for the 2021-2027 Operational Proramme, while the rest will be addressed at later stages (e.g. during preparation of conditions for financing).



INTRODUCTION TRANSPORT INFRASTRUCTURE TRAFFIC SAFETY URBAN MOBILITY ENERGY AND ENVIRONMENT DIGITAL CONNECTIVITY



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TEN-T RAILWAYS



Railways

- Comprehensive Conventional Completed
- --- Comprehensive Conventional To be upgraded
- Core High speed New Construction
- Core Conventional Completed
- Core ConventionalTo be upgraded

Rail-Road Terminals



TEN-T RAILWAYS



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Rail-Road Terminals

40km

20mi

Kena

BEI



LITHUANIA – THE LEADER OF THE RAIL BALTICA PROJECT (CEF)

Lithuania is the only country in Baltics which started actual construction – 1435 mm gauge line is constructed in Kaunas node;

Lithuania is finalizing the process of land acquisition from Kaunas to LV border – the largest scope of land acquisition in the Baltics;

Vilnius link has been acknowledged as an integral part of Rail Baltica;

The new track gauge along the whole LT territory will be put into operation in 2026.

TEN-T ROADS

Achievements in 2014-2020:

E67 Via Baltica: Kaunas-Marijampolė 4 lane motorway; Panevėžys bypass upgraded to 2+1 lane (CEF)

E85: upgrade of safety parameters to meet motorway standards in section Vilnius-Kaunas

Vilnius Western bypass completed (connects E85 to E272) E262: completed upgrade of section Utena-LV border

Roads

- Comprehensive Completed
- --- ComprehensiveTo be upgraded
- - Comprehensive New Construction
- Core Completed
- Core To be upgraded
- - Core New Construction

Rail-Road Terminals





TEN-T ROADS

Potential investments in 2021-2027:

E67 Via Baltica: Marijampolė-PL 4 lane motorway; Panevėžys-Kaunas upgrade to 2+1 lane

A14 Vilnius-Utena: upgrade to 2+1 lane

E262: road reconstruction in Jonava

Roads

- Comprehensive Completed
- --- ComprehensiveTo be upgraded
- - Comprehensive New Construction
- Core Completed
- Core To be upgraded
- Core New Construction

Rail-Road Terminals





LOCAL AND REGIONAL CONNECTIVITY





Alternative 1

Alternative 2

LOCAL AND REGIONAL CONNECTIVITY: EU INVESTMENT IN 2014-2020



Region Utena Telšiai Tauragė Šiauliai Panevėžys Marijampolė Klaipėda Kaunas **Alytus** Vilnius



Local Roads

Bike and Foot Paths

TEN-T: PORTS AND INLAND WATERWAYS



Inland Waterways

- Completed
- To be upgraded
- New Construction

Ports

🔁 Core

📩 Comprehensive



TEN-T: PORT OF KLAIPĖDA



Achievements in 2014-2020: Reconstruction of breakwaters (moles) Dredging in Malkų įlanka to ensure depth of 14,5 m

Aim for 2027-2030:

Dredging the entire navigational canal to a depth of 17 m (currently 14-15 m) ensuring safe navigation for all types of vessels used in the Baltic Sea. INTRODUCTION TRANSPORT INFRASTRUCTURE TRAFFIC SAFETY URBAN MOBILITY ENERGY AND ENVIRONMENT DIGITAL CONNECTIVITY



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TRAFFIC SAFETY: EU CONTEXT



TRAFFIC SAFETY: INVESTMENT IN INFRASTRUCTURE



"Vision Zero" Programme is a comprehensive interinstitutional plan for sustainable traffic safety which is proposed to the government for adoption in 2019. It is aimed specifically at decreasing the number of traffic deaths and severe injuries.

Institutions responsible for implementation: ministries of Transport and Communications, Internal Affairs, Education, Health, Environment, municipalities, Lithuanian Road Administration, Transport Safety Administration, Police Department, Fire and Rescue Department, IT and Communications Department, "Lithuanian Railways".



TRAFFIC SAFETY: VISION ZERO PRIORITIES





5.

E

Effective postaccident assistance

Detail investigation of

all traffic accidents

TRAFFIC SAFETY: VISION ZERO

100 section control

speed cameras

2019

2020

400 speed cameras



TRAFFIC SAFETY: POTENTIAL INVESTMENTS IN 2021-2027





- Reconstruction unsafe pedestrian crossings
- New roundabouts
- Upgrade of dangerous junctions
- Infrastructure for vulnerable road users
- Improvement of lighting conditions
- Safety islands, traffic calming, speed bumps
- Improving safety of road sides.

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URBAN MOBILITY: A SHIFT IN MODAL SPLIT



URBAN MOBILITY: SUSTAINABLE URBAN MOBILITY PLANS



EXAMPLE ACTIVITIES: VILNIUS SUMP

TO BE IMPEMENTED BY 2020

- Additional bus lanes
- Expansion of passenger information system
- Unified tickets in Vilnius region
- Ticket vending machines in vehicles
- New vehicles (trolleybuses, e-buses)
- Park&Ride facilities
- Redesign of central urban spaces into public shared spaces or pedestrian zones
- Traffic safety measures to eliminate "black spots"
- New footpaths and bicycle paths
- Expansion of bikes haring services
- Limitations on heavy goods traffic in central areas
- Expansion of paid parking zones
- Public EV charging stations
- Development of a one-way traffic system for the Old Town
- Educational programmes on sustainable urban mobility

TO BE IMPEMENTED BY 2030

- Development of a hierarchical system of public transport routes
- ITS in crossings and intersections to give priority to public transport
- Expansion of e-ticket system within Vilnius region, integration with other regions.
- Further increase in number of clean public transport vehicles
- Development of a combined-ode travel system
- Creation of public shared spaces
- Further development of pedestrian and cycling infrastructure
- Adaptation of public spaces for persons with special requirements
- Improvement of on-street parking regulations
- Formation of low-emissions zones
- Promotion of EVs and other low-emission vehicles
- Integrated system for monitoring and modelling traffic and passenger flows

URBAN MOBILITY: INVESTMENT IN 2021-2027

It is estimated in the SUMPs that in order to reach the targeted modal split by 2030 a total investment amount of EUR 2.4 billion could be required.

It is the view of MoTC that ESIF financing of the upcoming MFF should be uleveraged to halp attain the goals set out in SUMPs.



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TRANSPORT'S EFFECT ON THE ENVIRONMENT



TRANSPORT'S EFFECT ON THE ENVIRONMENT: GHG



ENERGY AND ENVIRONMENT: RENEWABLES



32,1%

ENERGY AND ENVIRONMENT: ACTIVITIES

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

ENERGY AND ENVIRONMENT: EVs

Year	Passenger EVs	Electric light goods vehicles
2014	67	n.d.
2015	164	n.d.
2016	353	n.d.
2017	621	10
2018	969	14
2019	1305	29
2020	2934	77
2021	5105	182
2022	8882	427
2023	15455	1003
2024	26892	2358
2025	46066	5469
2026	63571	6946
2027	87728	8821
2028	121065	11203
2029	167069	14227
2030	230332	18231



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DIGITAL CONNECTIVITY: ACHIEVEMENTS IN 2014-2020





DIGITAL CONNECTIVITY: ACHIEVEMENTS IN 2014-2020



DIGITAL CONNECTIVITY: OBJECTIVES FOR 2025

- gigabit connectivity for all of the main socio-economic drivers,
- access to connectivity offering at least 100 Mbps for all households.

Detailed evaluation on strategic framework, including a mapping of public and private broadband infrastructure for development of ultrahigh capacity broadband networks in Lithuania is already in process.

Indicative budget for 2021 – 2027 about 50 M €.

DIGITAL CONNECTIVITY: 5G (CEF DIGITAL)

Mapping existing infrastructure: ducts, fibre optics, towers and free resources

Identify digital infrastructure gaps and (exact) needs along the corridor

Motivate MNOs to cooperate: by promoting CEF funding possibilities; by setting coverage requirements in spectrum auctions



THANK YOU



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