



# NLTS

1<sup>st</sup> Public Consultation

19<sup>th</sup> January 2023

# 1<sup>st</sup> Public Consultation – Cyprus National Land Transport Strategy (NLTS)

## Contents:

- Our team
- What is the NLTS / Why a NLTS
- Spatial Definition
- General Objectives
- High Level Problems and Opportunities
- Environmental Considerations
- Progress so far – NLTS Timeline
- Involvement Methods

# Our team → MIC❖HUB



Name and Surname	Position in Project Team	Based
<b>Claudio Minelli</b>	Key Expert No. 1: Contractor's Project Manager	Italy
<b>Luca Guala</b>	Key Expert No. 2: Transport Planner	Italy
<b>Paolo Guglielminetti</b>	Key Expert No. 3: Transport Economist	Italy
<b>Claudio Minelli</b>	Key Expert No. 4: Transport Modeller	Italy
<b>Achilleas Kalopedis</b>	Key Expert No. 5: Environmental Impact Specialist	Cyprus
Marco Bianconi	Non-key Expert No. 1: Deputy Project Manager	Italy
Karim Abou Jaoude	Non-key Expert No. 2: Deputy Project Manager	Italy
Alessandro Distefano	Non-key Expert No. 3: Transport Economist - support	Italy
Alexandros Kyriakos Miltiadou	Non-key Expert No. 4: Environmental Expert - support	Cyprus
Andreas Markides	Non-key Expert No. 5: High-level Liaison and Consultation Expert	Cyprus
Giuseppe Vallelonga	Non-key Expert No. 6: Climate Change and Sustainable Green Mobility	Italy
Mirko Franzoi	Non-key Expert No. 7: Alternative Sustainable Fuels in the Transport Sector	Italy
Antonio Privitera	Non-key Expert No. 8: Innovative Technologies and ITS expert	Italy

# What is a NLTS?

National Land Transport Strategy (NLTS) provides a basis for the **selection of infrastructure projects**, leading to a project pipeline that can be matched to available funding sources.

Increasingly, however, the NLTS has become an **instrument for reviewing transport policy**, as well as the relevant institutions that coordinate the sector.



## Why a NLTS?

In Cyprus, it is expected that the Plan will focus on developing a robust policy for the sector over the period to **2040**, along with some limited of targeted transport investments over the short, medium and long term.

Also it will help Cyprus reach the EU targets for 2030:

- Reduce greenhouse gas emissions
- Increase energy efficiency
- Increase share of renewable energy

## Why a NLTS?

To ensure targets are met each Member State prepared National Energy and Climate Plan (NECP).

The NECP will identify policies and measures to reach the EU targets by 2030. Most importantly include:

- Reduction of private cars use, and
- Increase electromobility
- Increase Public Transport and Cycling
- Use of alternative fuels

## NLTS Spatial Definition

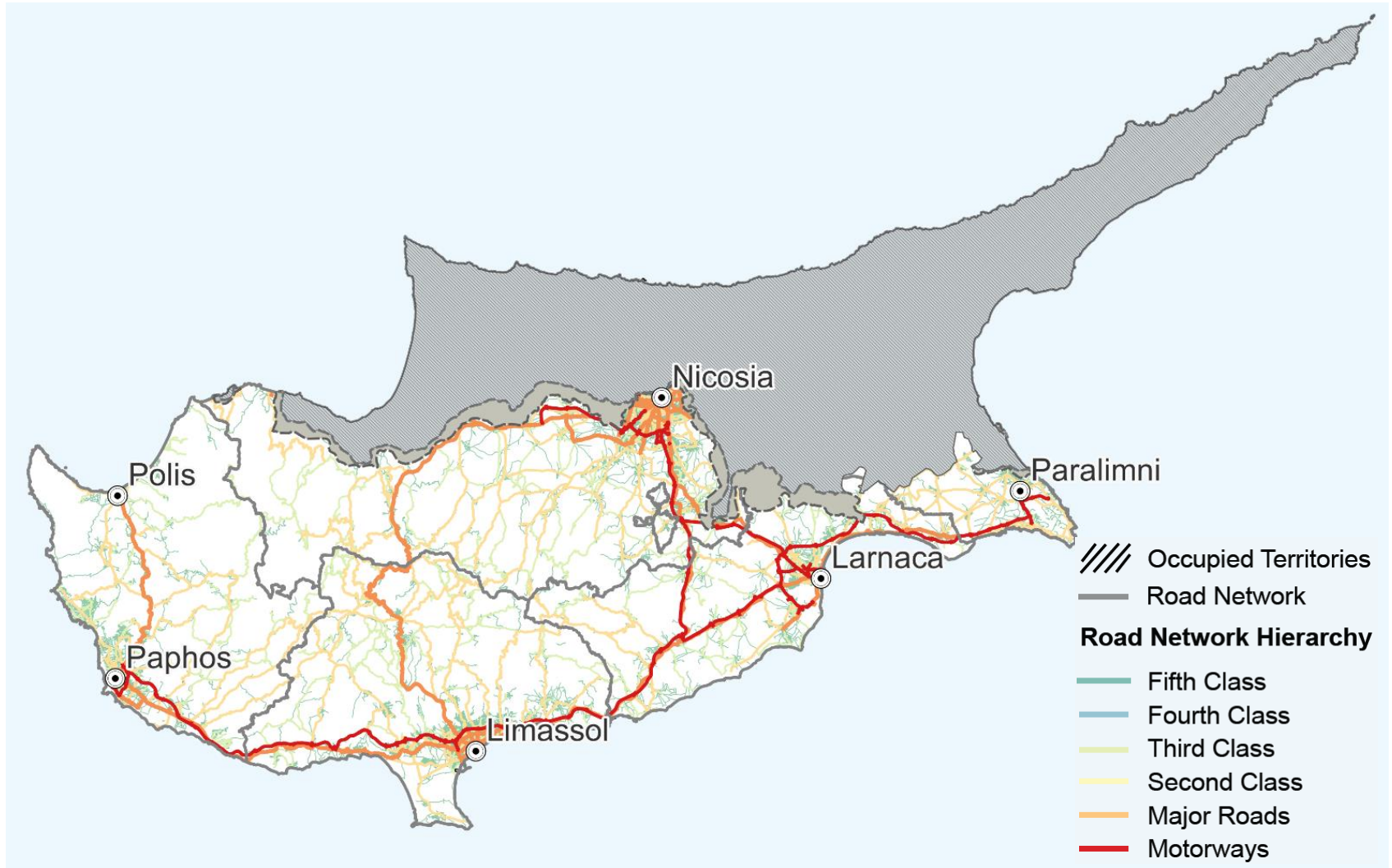
- Study area: The territory of Cyprus under the jurisdiction of the Government the Republic of Cyprus, considering relevant strategic planning issues in adjacent jurisdictions where they impact on the Republic of Cyprus.
- Although the project does not require to examine local issues of Urban Mobility, the scope includes the consideration of strategic nodes and corridors within urban/metropolitan areas.

# NLTS Spatial Definition



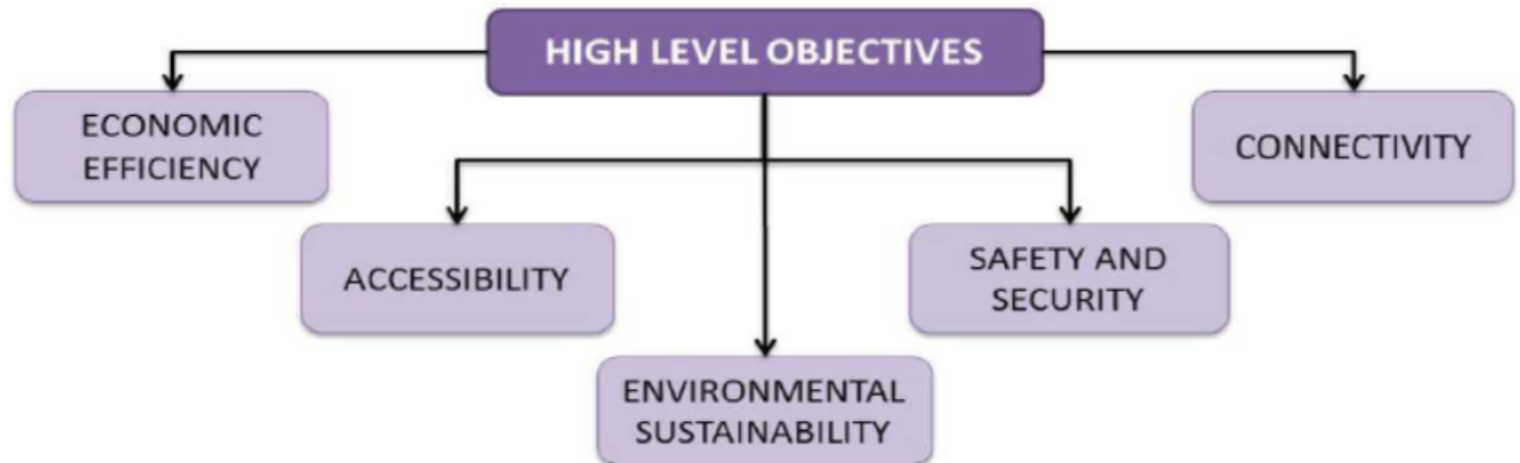


# NLTS Spatial Definition



# NLTS General Objectives

- Establishing a comprehensive National Land Transport Strategy (Cyprus 2040) and **Action Plan** to support the future development of the transport sector in Cyprus.
- The Strategy will outline a series of **policy measures** that are based on the needs of the whole transport sector.



## NLTS General Objectives

- Establishing a comprehensive National Land Transport Strategy (Cyprus 2040) and **Action Plan** to support the future development of the transport sector in Cyprus.
- The Strategy will outline a series of **policy measures** that are based on the needs of the whole transport sector.
- Enabling a **new mobility paradigm** in freight and passenger transport.
- **Improving access to The Trans-European Transport Network (TEN-T)** and cross-border mobility.

# TEN-T Network and planned interventions



## NLTS General Objectives

- Fulfilment of the **new Enabling Conditions** for the land transport sector set by the European Union in the European Regional Development Fund and Cohesion Fund (2021-2027).
- The enabling conditions set the *need to Formulate a comprehensive national transport planning, to meet two objectives:*
  - Developing a climate resilient, intelligent, secure, sustainable and intermodal TEN-T.
  - Developing and enhancing sustainable, climate resilient, intelligent and intermodal national, regional and local mobility.

# NLTS High Level Objectives

High Level Objectives are high level statements that provide overall context for what the project is trying to achieve, and should align to business goals.

# High Level Problems and Opportunities

*The analysis of problems and opportunities shall cover infrastructure, organisation/legal framework and operation of the transport system in full:*

- Organisation of each transport sector.
- Quality of infrastructure (Reliability, Availability, Accessibility, Maintainability, Safety).
- The Level of Service provided within each transport mode.
- The operational aspects of public transport, e.g. existing inefficiencies in the level of service provided.
- Spatial development & regional cohesion impact of the transport system.
- Safety and security on the transport system
- Review of existing facilities for logistics.
- Policies and measures relating to Energy Efficiency.

# High Level Problems and Opportunities

*The analysis of problems and opportunities shall cover infrastructure, organisation/legal framework and operation of the transport system in full:*

- Review of regional connectivity, particularly for more remote regions.
- Equal access for passengers, especially for people with reduced mobility.
- Relevance and interaction with environmentally sensitive areas.
- Activities to address Climate Change mitigation.
- Funding and management of maintenance of transport infrastructure.
- Use of Intelligent Transport System (ITS).
- Efficiency in the use of existing infrastructure and public funds.



# Environmental Considerations

- Strategic Environmental Assessment of the Plan in accordance with the National SEA Law of 2005 (102(I)/2005) and an Appropriate Assessment Study (AA) if deemed necessary by the Environmental Authority.
- Development of SEA (environmental sustainability) Objectives and Indicators: To provide the means by which the environmental performance (impacts) of the Plan and alternatives can be assessed.
- Proposal of mitigation measures to ensure that adverse effects of the Plan are appropriately addressed.
- Topics to be covered as per Article 2 of the SEA Law include population and human health, fauna, flora and biodiversity, landscape, soil, water, air, climatic factors, material assets, cultural heritage including architectural and archaeological heritage.

# Environmental Considerations

- Particular attention to Environmentally Sensitive Areas such as:
  - Natura 2000 Protected Sites.
  - National Forests.
  - Protected Habitats, Flora and Fauna, including Red Book of Cyprus Flora Species.
  - Watercourses, lakes and wetlands as well as Flood Risk Areas.
  - Residential and other Development Areas.
  - Special Character Areas and Archaeological Sites.

# Progress so far – NLTS Timeline

	2022								2023								
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>TASK 1: INCEPTION</b>																	
Project Management Plan																	
Previous relevant studies																	
Transport Modelling Plan																	
Draft Consultation Plan																	
<b>TASK 2: DATA COLLECTION</b>																	
Transport Surveys																	
Existing/ Secondary data																	
Designing GIS web-based environment																	
<b>TASK 3: CONSULTATION</b>																	
Consultation Plan																	
Consultation proceeding and Conclusions																	
<b>TASK 4: PREPARATION NATIONAL TRANSPORT MODEL</b>																	
Define the baseline scenario (2021) and calibration																	
Define the Business-as-usual Scenario at 2030 and 2040																	
Define the reference scenario																	
<i>EV Model</i> - Baseline definition																	
<i>EV Model</i> - Definition of suitable growth rates																	
<i>EV Model</i> - Definition of scenarios																	
<i>EV Model</i> - 2030 penetration estimates & proposed scenarios																	
<b>TASK 5: PROBLEM ANALYSIS</b>																	
Develop problem analysis report																	
Definition of indicators																	

# Progress so far – NLTS Timeline

	2022									2023								
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
<b>TASK 6: DEVELOPMENT OF MEASURES</b>																		
Refine indicators and targets																		
VISUM transport runs to define baseline values																		
Create a list of measures																		
<i>Projects financing</i> - PPP, general taxation, private solutions										(*)								
<i>Projects Financing</i> - Assessment of the current state																		
<i>Projects Financing</i> - Identification of eventual gaps											(*)							
<i>Projects Financing</i> - Indication of possible funding sources											(*)							
<b>TASK 7: SCENARIOS BUILDING, ASSESSMENT AND OPTIMISATION</b>																		
Finalise list of measures to be assessed																		
Assess the capacity of the Authorities to implement the measures																		
Examine the financial feasibility and effectiveness of the measures																		
Prepare and develop explorative (package of) scenarios																		
Identify the final scenario/ combination of measures																		
<i>Economic Efficiency</i> - Definition and construction of the MCA model													(*)					
<i>Economic Efficiency</i> - Illustration of weight and criteria to CA and SC																		
<i>Economic Efficiency</i> - MCA economic evaluation results																		

# Progress so far – NLTS Timeline

	2022								2023								
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>TASK 8: PREPARATION OF THE DRAFT NLTS</b>																	
Draft National Transport Strategy																	
<b>TASK 9: SEA AND FINALISATION OF THE NLTS</b>																	
Draft SEA report																	
Final SEA report																	
Final Transport Strategy																	
Executive Summary of Transport Strategy																	
<b>TASK 10: PROJECT DEFINITION AND ACTION PLAN</b>																	
Draw the action plan																	

# Public & Stakeholders Consultation Involvement Methods

Description of the methods and tools that will be used to harness the maximum participation potential from each profile.

Involvement method: How?	Participation profile: Who?
Round-table discussions	Project Steering Committee (PSC) High Level Stakeholder's Committee (HLSC)
Virtual Meetings	Project Steering Committee (PSC) High Level Stakeholder's Committee (HLSC)
Workshops	Citizen Groups

# Public & Stakeholders Consultation Involvement Methods

## Round-table Discussions and Virtual Meetings:

### 1. PSC and HLSC

Sessions will follow a **discussion script** and will be attended by the consultants' team Project Manager along with relevant specialists, as required. The number of attendants and their professional profiles, sub-groups could be formed for **specific working sessions** to allow for a greater flexibility.

### 2. Selected CYPRUS-BASED INSTITUTIONS and Public Bodies

**Institutional stakeholders and public bodies** having an interest / say in contributing to the preparation of the NLTS. **Meetings** with representatives from these institutions will follow the same **round-table discussion format** described above.

# Public & Stakeholders Consultation Involvement Methods

## Workshops/Interactive sessions:

### SELECTED STAKEHOLDERS and CITIZEN GROUPS:

Brainstorming, collective analysis, proposal formulation, and feedback collection will be some of the tools used to foster participants' proactivity.

Workshops will bring together 15-35 participants representing

- Economic actors, tourism agents and city destination hubs;
- NGOs, associations and representatives of the districts;
- Transport and logistics operators, port authorities, and other sector experts.



# Public & Stakeholders Consultation Involvement Methods

## Public Meetings with General Public

Public meetings will be focused on **information sharing, feedback collection and dissemination** at key stages of the NLTS preparation.

Depending on the session's goals, items for discussion may include:

- Consultant's team presentations on NLTS goals, expected outcomes and scenarios developed;
- Information to the General Public on how to stay involved throughout project development;
- Q&A sessions;

# Public & Stakeholders Consultation Program

Consultation activities per phase:

<i>Phase 1: Stakeholders and General Public Engagement</i>	<i>Phase 2: Preparing Well &amp; Setting the Goals</i>	<i>Phase 3: Elaborating the plan</i>		<i>Phase 4: Delivery of the Plan</i>	
Month 4 - 9	Month 10 - 12	Month 13 - 15		Month 16 - 17	
Activity 1: PSC Kick-off event	Activity 3: PSC Problem Analysis & Visioning Event	Activity 5: PSC Feedback on scenarios	Activity 6: PSC Presentation of scenario chosen	Activity 8: PSC consultations for formulation of Draft NLTS proposal	Activity 9: PSC Final NLTS Presentation
WP1	WP6	WP7	WP7	WP8	WP10
Project Steering Committee (PSC)	Project Steering Committee (PSC)	Project Steering Committee (PSC)	Project Steering Committee (PSC)	Project Steering Committee (PSC)	Project Steering Committee (PSC)
Activity 2: NLTS Public Kick-off event & information Session	Activity 4: General Public Problem Analysis & Visioning Event		Activity 7: General Public Presentation of scenario chosen		Activity 10: General Public Final NLTS Presentation
WP1	WP6		WP7		WP10
General Public	General Public		General Public		General Public
>Public Event #1	>Public Event #2		>Public Event #3		>Public Event #4

## Where we started from...

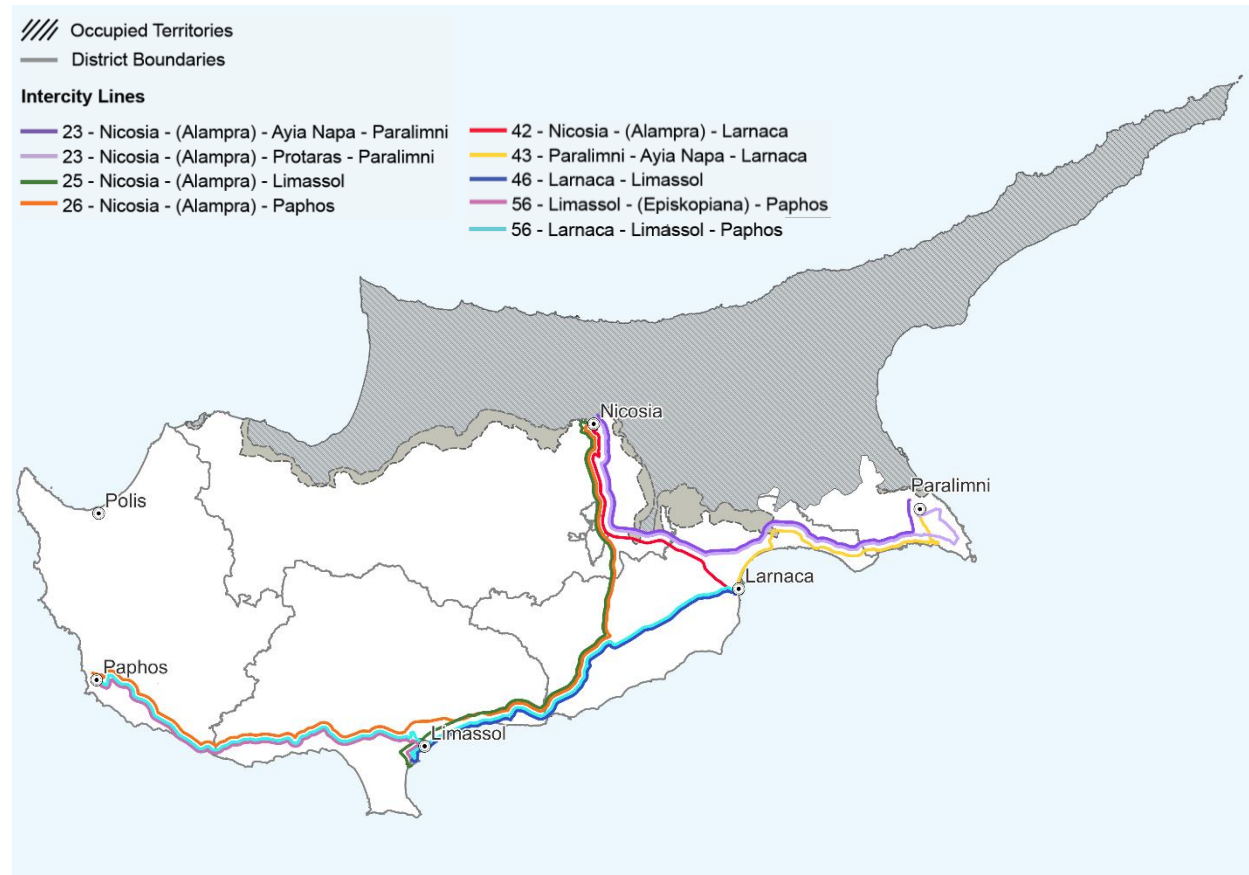
Initial Steps. Policies and measures for the period up to 2023:

1. Tax imposed on vehicles with a view to reducing CO2 emissions.
2. Incentives for the purchase and use of low/zero emission vehicles.
3. Introduction of the Integrated Fleet Management System.
4. The SUMP and the NLTS will indicate policies and measures triggering modal shift.
5. Targeted measures that promote the use of sustainable modes of transport.
6. New bus concessions will further improve the public transportation system with low or zero GHG emission.
7. Policy on Intercity Public Transport → see next

# Where we started from...

## Policy on Intercity Public Transport

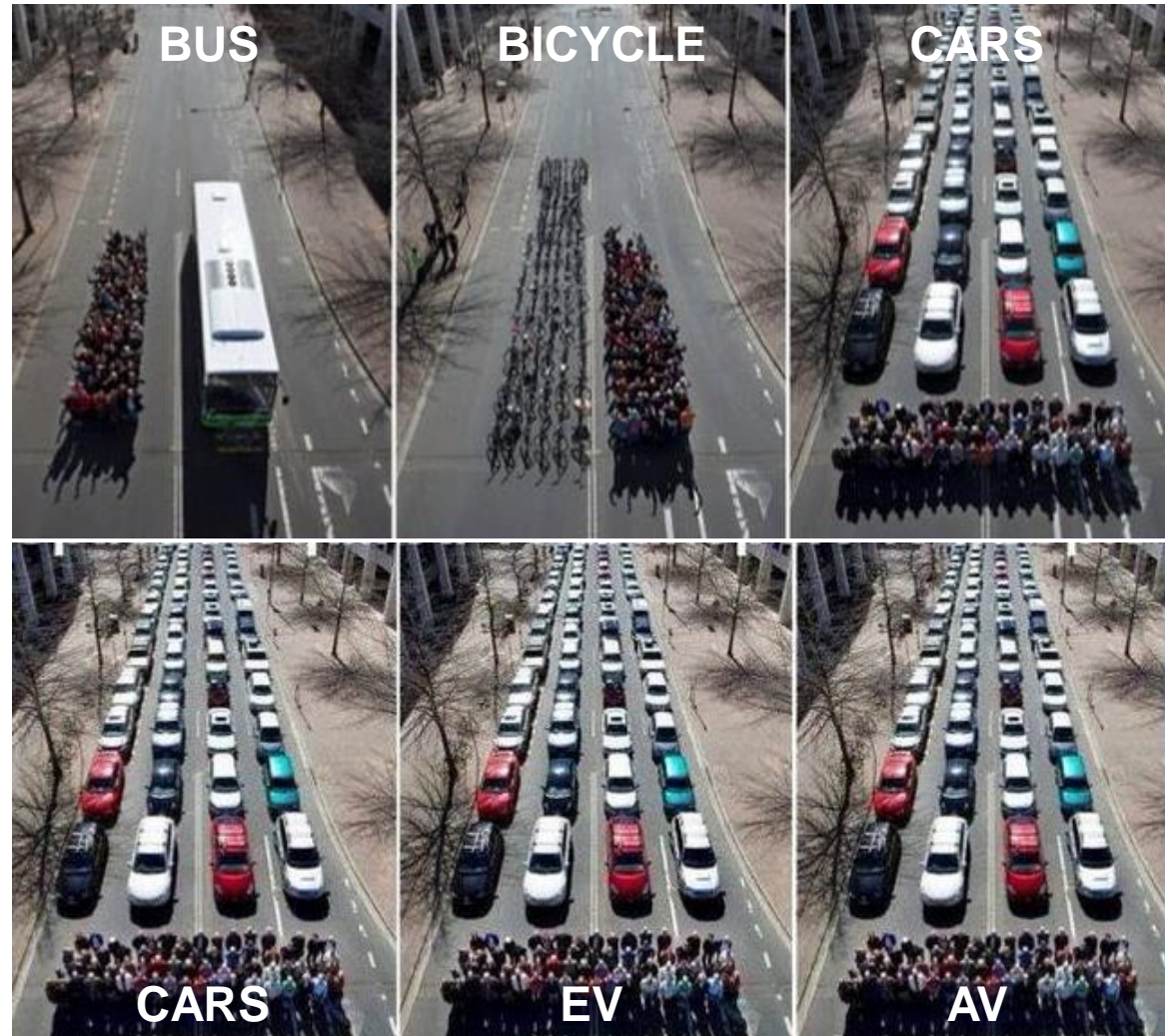
- A highly appreciated service.
- Connecting main cities within the region.
- Network could also be expanded to serve rural areas (e.g. Troodos District).
- Passengers data to be received.



# Where we started from...

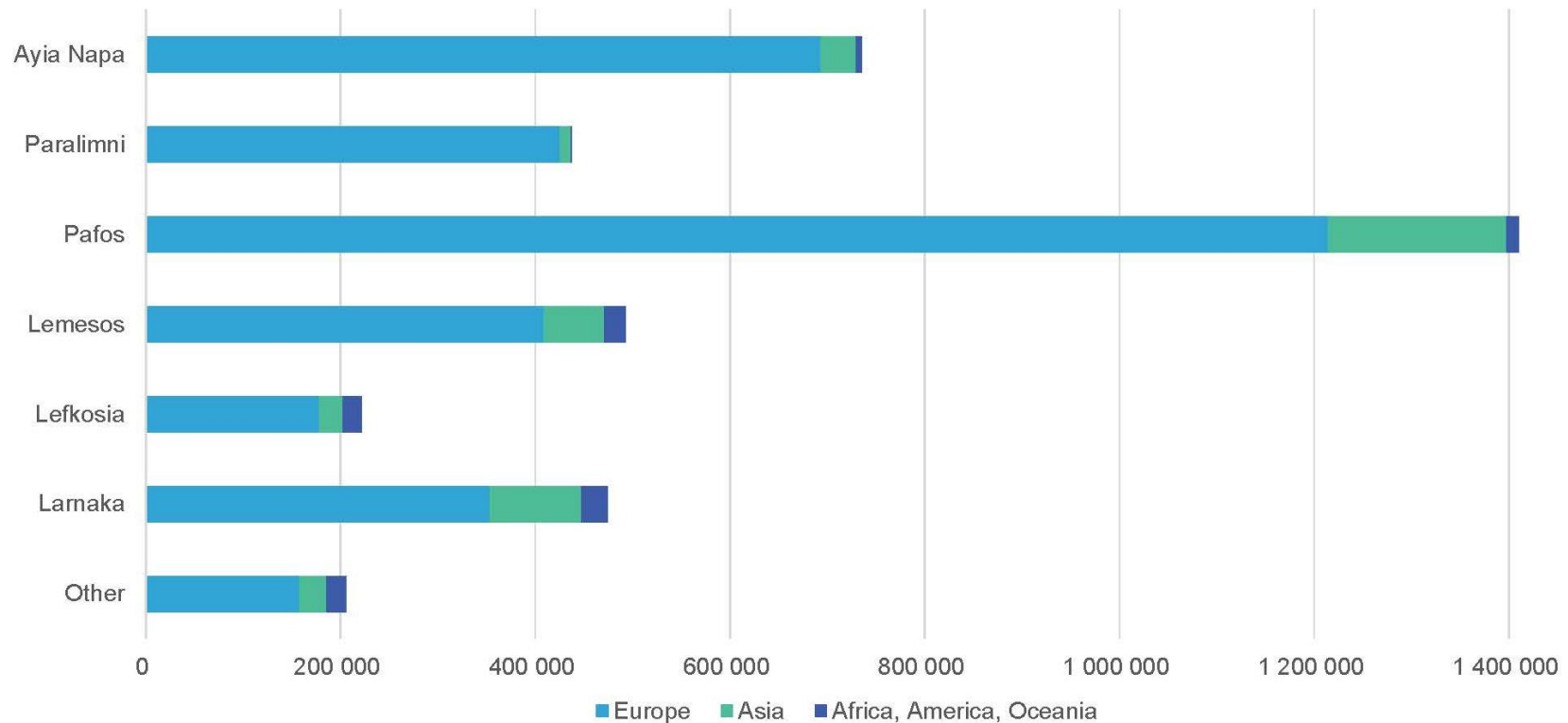
## Keeping the modes together for daily operations

Space required to transport 48 people.  
*(image copyright CPF)*



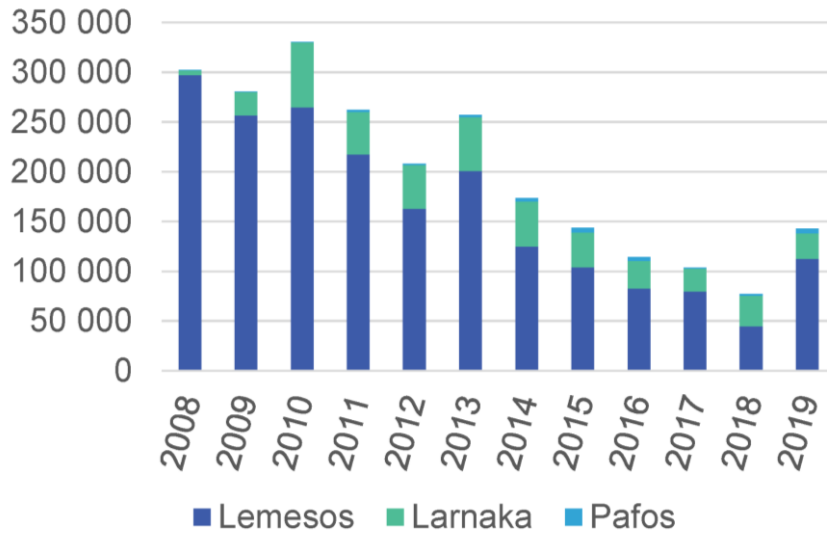
# Where we started from... Which role for Tourism?

- Integrating Intercity Bus services with Airport and Port Shuttle services.
- Promote sustainable modes and alternatives for tourists.

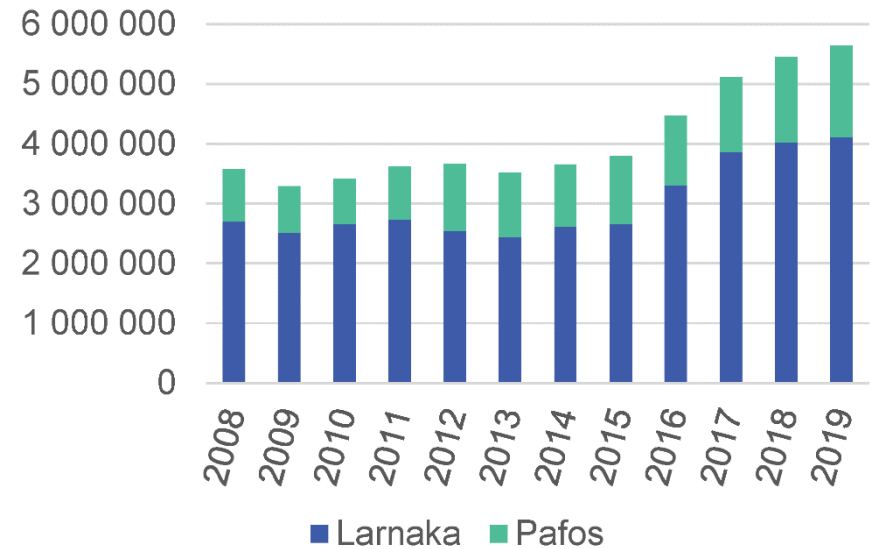


# Where we started from... Which role for Tourism?

## Arrivals by Sea



## Arrivals by Air



# How you can communicate with us



<https://sustainablemobility.cy/>



<https://www.facebook.com/sustainablemobility.cy>



<https://www.instagram.com/sustainablemobility.cy/>





Thank you!