Long Term Strategies to reduce car dependency

The Nicosia Integrated Mobility Master Plan

Michael Lambrinos  
Ministry of Transport, Communications and Works

Athanasios  
(Nassos) Kolyvas  
Municipality of Nicosia
Developing the Plan
Starting Point 2009
Starting Point 2009

Traffic congestion in Nicosia during the a.m. peak

Source: Nicosia Integrated Mobility Master Plan

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The Nicosia Integrated Mobility Master Plan

Objectives

Achieve a Polycentric Spatial Development
Develop a proper PT network

Improve the quality of the PT Service
Make cycling a major transport mode for short and medium length trips

Create a pedestrian friendly Nicosia
Balance the role of the car

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The Nicosia Integrated Mobility Master Plan

Recommendations

- Road network
- Bus network
- Cycle network
- Pedestrian infrastructure interventions
- Establishment of a Metropolitan Authority
- Development of a parking policy
- Implementation of the developed marketing plan
- Execution of a feasibility study for a tramway system

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Development of the Road Network

• Proposed road network
Intersection Redesign

- The Aluminium Tower Intersection
Development of the Bus Network

Polycentric System

(35 Lines)

Interchange Stations:
- Solomou Square
- Makarion Stadium
- General Hospital
- University of Cyprus
- Δημαρχείο Στροβόλου
- University of Nicosia
Development of the Bus Network

• Proposed bus lanes
Development of the Bus Network

• Proposed tramway network
Development of Cycling Newark

• Proposed cycle network
Development of Pedestrian Infrastructure

- Pedestrianisation of Makariou Avenue
Development of Pedestrian Infrastructure

- Pedestrianisation of Constantinou Paleologou Street
Development of Pedestrian Infrastructure

• Pedestrianisation of Museum Avenue
Additional Proposals

1. Establishment of a Metropolitan Transport Authority
2. Development and Implementation of Parking Management System
3. Creation of Park & Ride Facilities
4. Implementation of a Marketing Plan
5. Feasibility Study for a Tramway System

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Additional Deliverables

Development of a Streetscape Manual

A study for a city centre small buses system

A study for bus stops and shelters
Implementing the Plan
The Regeneration of the Commercial Triangle of the Nicosia City Centre
The Regeneration of the External Arc of the Nicosia City Walls

Before

After

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The Regeneration of the External Arc of the Nicosia City Walls
A Cycling Connection Between the Universities of Nicosia and the City Centre

16.5 km route

Combinations of cycle tracks, cycle lanes, contra flow lanes and with traffic

Budget €5.3 million

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A New One-Way System on Makariou and Kallipoleos Avenues with Bus Lanes on Makariou

- Reconstruction of road and pavements
- Pedestrian crossings
- Cycling routes
- Bus lanes
- 199 new trees

Budget €5.3 million

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A New One-Way System on Makariou and Kallipoleos Avenues with Bus Lanes on Makariou

Open-space design at the corner of Kallipoleos and Ypatias streets, for social and recreational activities

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A Tramway System for Nicosia

- **Length**: 14.2 km
- **Frequency**: 10 mins
- **Mean speed**: 23.6 km/h
- **16 vehicles**
- **Implementation cost**: €216.5m
- **Annual operating cost**: €11.3m
- **Annual operating revenues**: €8-22m
- **NPV at 6% discount**: €308.2m
- **IRR**: 14.1%

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A Tramway System for Nicosia

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Nicosia City Centre Mini-Bus Service

- 13 new mini buses, Euro VI category (very low emissions)
- More attractive, significantly improving the existing bus service.
- Smart bus stops, providing real time information, using solar energy.
- Information on the bus and through the development of a Smart Phone Application.

14th May, 2018
Thank you!

Michael Lambrinos
Ministry of Transport, Communications and Works
mlambrinos@pwd.mcw.gov.cy

Athanasios (Nassos) Kolyvas
Municipality of Nicosia
Athanasios.kolyvas@nicosiamunicipality.org.cy