

TRANSPORTATION INFRASTRUCTURE, ADOPTING A HOLISTIC APPROACH TO SOCIETAL PROGRESS

MEETING 5
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Introduction to Transportation Infrastructure

Transportation infrastructure connects people to jobs, healthcare, and education.

It plays a critical role in economic growth and social inclusion.

In Pafos, mobility planning focuses on accessibility, sustainability, and equity.

The goal is to reduce inequalities and improve overall quality of life.

Transportation shapes how cities function and how communities interact.



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Mobility Challenges in Pafos

- High dependency on private vehicles
- Limited access for vulnerable populations
- Peripheral communities poorly connected
- Public transport was less reliable and less integrated

Socio-economic inequalities

Socio-economic inequalities were addressed through affordability:

- Higher-quality bus infrastructure
- Low fares on public buses → Affordability and Equity
- Upgraded bus stops

Supporting linked daily trips

Sustainable Urban Mobility Plan (SUMP) 2030

- Strategic plan to improve mobility sustainability and accessibility.
- Focus on public transport, walking, and cycling.
- Promotes environmental sustainability.
- Supports inclusive and equitable mobility.
- Encourages integrated planning and community participation.



Transportation Infrastructure Bridging Communities in Pafos

Regeneration and pedestrianization of the Old Town and Kennedy Square reconnected historically divided coastal and inland districts.

Improved public transport and the Karavella Bus Station strengthened equitable access to jobs, services, and cultural areas.

The coastal promenade created an inclusive shared space, encouraging interaction between residents, tourists, and diverse social groups.

Accessibility-focused design reflected Pafos' diverse and aging population, promoting social inclusion and urban cohesion.



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Deeply-held stereotype

The Old Town was widely perceived as unsafe, declining, and socially marginal compared to the coastal tourist area, discouraging investment and pedestrian activity.

NOT SOCIAL DANGER but:

- Poor lighting, limited seating, lack of shade, vehicle dominance



GreenMove Approach: Uses a Mobility Living Lab framework combining data-driven analytics with participatory planning.



These interventions included temporary pedestrianization of selected streets, improved cycling accessibility, and redesigned public spaces in the Old Town



Measuring Mobility Beyond Efficiency

- Public space vitality (dwell time, diversity of users, day/evening activity)
- Perceived accessibility & comfort (safety, lighting, shade, seating)
- 15–20 min access to essential services without a car
- Environmental quality (air, noise, microclimate improvements)
- Community participation rates in mobility planning
- Cultural activation of pedestrianized spaces (events, markets, festivals)



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Active Mobility and Pedestrian Infrastructure

- Development of pedestrian walkways and safe crossings.
- Cycling routes encourage sustainable transport.
- Improved safety for elderly and children.
- Promotes healthier lifestyles.
- Reduces environmental impact.

EU Funding as a Catalyst for Systemic Transformation

- EU projects linked to long-term governance reform
- Cross-departmental coordination became permanent
- Participatory governance embedded in implementation
- Capacity-building of municipal staff (EU, digital, green skills)
- Sustainability mainstreamed into SUMP & climate strategy
- Cultural networks from Pafos2017 – European Capital of Culture remain active
- Shift from project-based funding to structural transformation



Integrated Mobility for Climate & Community Resilience

Transport aligned with SUMP & Climate Adaptation Strategy

Active mobility supports public health & heat mitigation

Electrification & smart systems enhance energy security

Rural access & local markets strengthen food resilience

Mobility corridors integrated with emergency response planning

Digital platforms enable cross-sector coordination

Universal accessibility ensures social resilience for all

Commitment to Expanding **GreenMove** in Paphos

- Strong commitment beyond current funding cycle
- Focus Areas for Next Phase:
 - Climate-resilient mobility infrastructure
 - Digital mobility twins & integrated data platforms
 - Social equity & behavioral mobility metrics
- Mediterranean pilot environment (heat, tourism, coastal risks)
- Contribution to Consortium:
 - Mobility Living Lab methodology
 - Expertise in heritage & tourism mobility management
 - Institutional capacity & political commitment



Mobility Governance and Participation

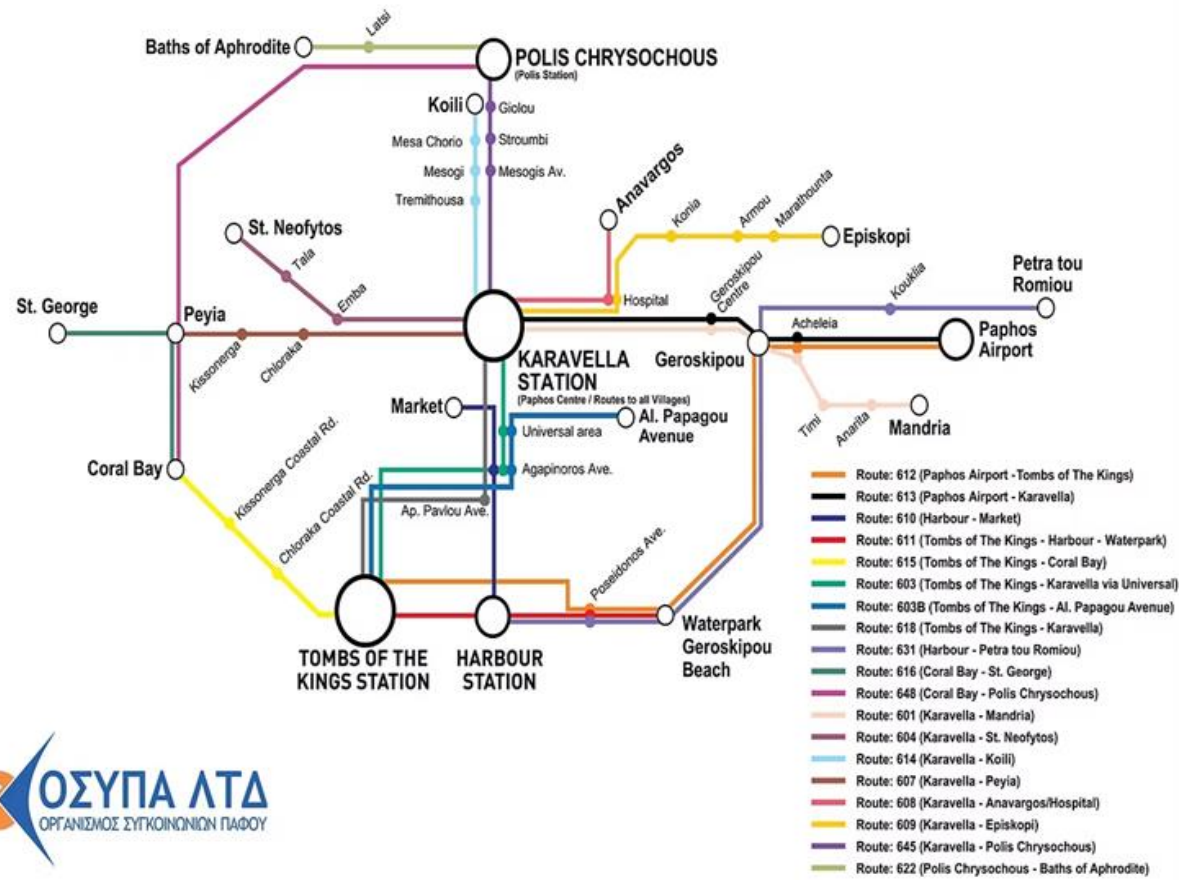
- Collaboration between government, operators, and citizens.
- Public consultations shape mobility decisions.
- Transparent planning process.
- Community involvement improves trust.
- Shared responsibility enhances effectiveness.



Mobility Map of Pafos

- Shows key transport nodes and connectivity.
- Links Old Town, hospital, and coastal areas.
- Demonstrates integrated transport network.
- Highlights accessibility improvements.
- Supports strategic planning.

PAPHOS CITY & SUBURBS ROUTE MAP



Conclusion

- Transportation infrastructure shapes societal progress.
- Holistic planning improves accessibility and equity.
- Supports economic and social development.
- Promotes sustainability and inclusion.
- Pafos provides a strong model for future mobility planning.

Initiatives like GreenMove to empower the overall EU networking and strengthen the local ecocystems by learning from each-other providing stronger future models



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THANK YOU



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