



# LEDS Global Partnership

*Clean Transport Development Webinar Series*

## Developing Urban Mobility Plans

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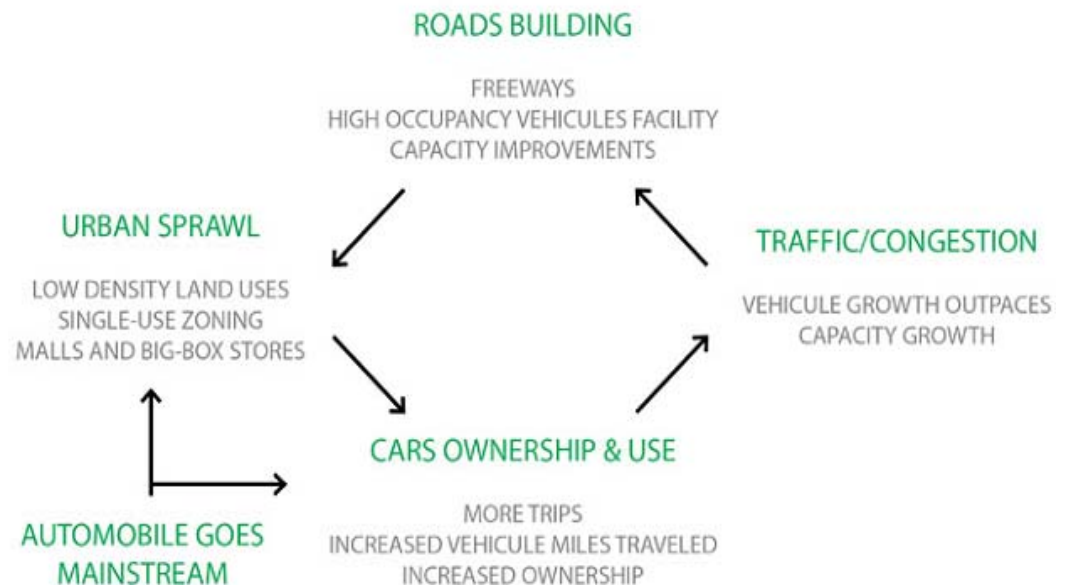




# Moving People, Not Vehicles

Increased urbanization fuelled by easy access to personal vehicles

Planning skewed to favour motorization



(Adapted from Vivre en Ville, 2011)



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# Moving People, Not Vehicles

Is quality of life, health and safety in existing cities what we would like?

Rethink the primary goal of transportation infrastructure



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Sprawl an irreversible consequence of existing planning process

Siloed-approach and rigid zoning laws create a fractured urban fabric





# Transport + Land Use

Simultaneous planning of land use and transport serving it can help in building diverse, tight urban communities



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# Planning + Institutions + Stakeholders

Stakeholders help make planning more holistic

Planning needs committed institutional support

Institutions need to accommodate an evolving planning process

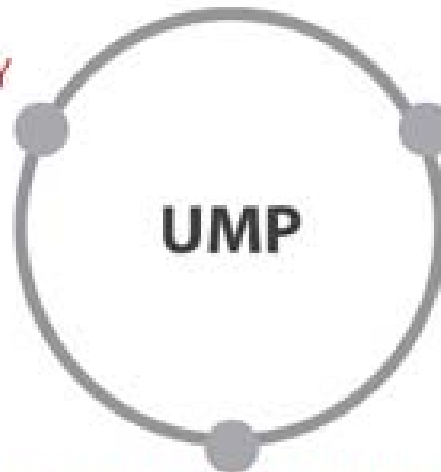




# Re-reading Mobility

## ECONOMIC SUSTAINABILITY

EXPENDITURE  
REGIONAL DEVELOPMENT  
ECONOMIC OPPORTUNITY



## SOCIAL RESPONSIBILITY

ACCESSIBILITY  
SAFETY  
EQUITY

## ENVIRONMENTAL SUSTAINABILITY

EMISSIONS  
ENERGY  
AIR QUALITY



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# Quick Guides

How To Develop An Urban Mobility Plan

How To Set Up A Metropolitan Transport Authority

How To Develop An Urban Mobility Compact

How To Establish A Multi-Stakeholder Forum

UN HABITAT

QUICK GUIDE:  
HOW TO DEVELOP AN  
URBAN  
MOBILITY  
PLAN

UN HABITAT

QUICK GUIDE:  
HOW TO ESTABLISH A  
METROPOLITAN  
TRANSIT  
AUTHORITY

UN HABITAT

QUICK GUIDE:  
HOW TO ESTABLISH AN  
URBAN MOBILITY  
COMPACT

UN HABITAT

QUICK GUIDE:  
HOW TO ESTABLISH A  
MULTI  
STAKEHOLDER  
FORUM  
FOR URBAN MOBILITY







# Urban Mobility Plan

“...the ability to meet the needs of society to move freely, gain access, communicate, trade, and establish relationships without sacrificing other essential human or ecological values today or in the future.”

*WBCSD, 2001*



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# Urban Mobility Plan (UMP)

Long-term vision for urban growth

Links individual development plans together and studies their impacts on the entire city

Aspires for equity, affordability, sustainability, safety, and comfort.



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# Urban Mobility Plan (UMP)

It is created by various officials, but with a strong involvement of stakeholder communities

It also needs strong cooperation of officials from different administrative departments





# How should a UMP be made?

Participation-led

Sustainability-focussed

Cross-sectoral

Review-based



# UMP Process



STEP ONE: Conduct Situational Analysis

STEP TWO: Establish Vision

STEP THREE: Identify Objectives and Goals

STEP FOUR: Draft the Urban Mobility Plan

STEP FIVE: Evaluate and Revise



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## **STEP ONE: Conduct Situational Analysis**

STEP TWO: Establish Vision

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# Conduct Situational Analysis

Examine institutional issues with respect to the following:

-availability, affordability, safety, sustainability

-investments, equity, financing, coordination

-outreach, participation, measuring impacts





# Conduct Situational Analysis

Examine following institutional issues:

- existing policies

- finance

- capacity building, sharing, technology







# Conduct Situational Analysis

Willingness of decision-makers

Overlaps of planning and political priorities

Common understanding of sustainable mobility

Address social exclusion





# Conduct Situational Analysis

Factor in planning, implementing, maintenance, and overhead costs in a realistic manner

Overlaps of planning and political priorities



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# Identify Stakeholders

Identify maximum possible stakeholders

Map their needs, ambitions, and influence

Create a common platform for engagement of stakeholders

Identify the disengaged; provide representation



# Identify Stakeholders

Fair distribution of all socio-economic and geographical groups



Encourage self-organization; assign roles



Representative but small and efficient group



Relevant demographics/planning documents to build upon

Rate the quality of infrastructure

Collect primary data if found crucial



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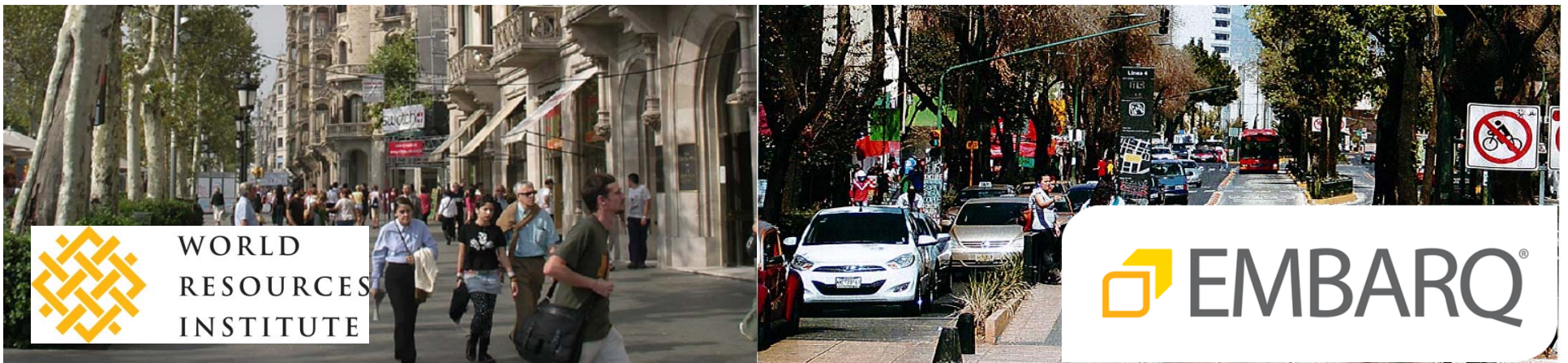
# What is the UMP's vision?

Unified and shared vision crucial

Master Plan land use guidelines

Stakeholder process ideal

Engage with conflicts actively from the start





# Example: New York Metropolitan Area

Not just city, but regional focus

High-growth nodes spread across the region

Coordinated transport, freight, NMT facilities

Local concerns addressed in-tandem







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Objectives:

# Transportation Infrastructure

Review existing infrastructure

Prioritize public transport and NMT services

Share reliable data across departments





Objectives:

# Land Use and Design

Collect GIS data; analyze growth scenarios

Inform responsible decision-making

Encourage inclusive and open spaces

Preserve heritage and cultural practices



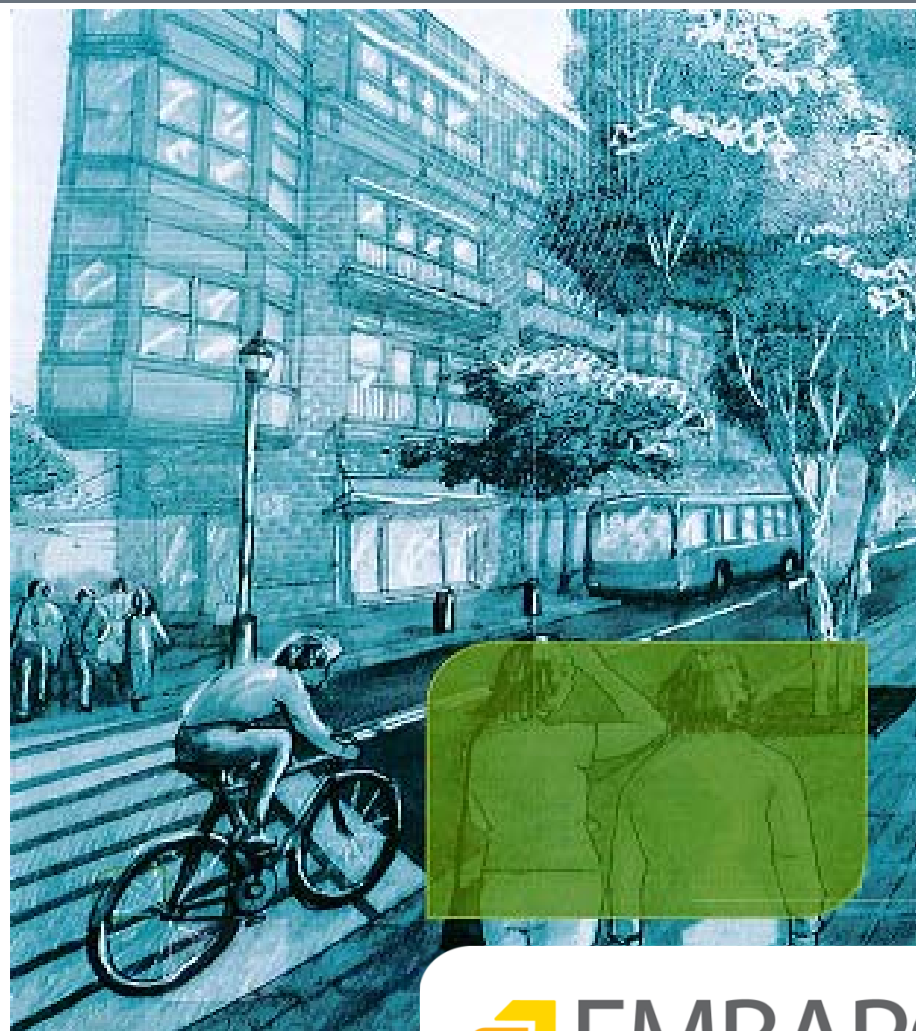


Objectives:

# Safety and Security

Safety audits,  
especially for cyclists,  
pedestrians

Streets for all genders  
and economic groups



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Objectives:

## Accessibility and Equitable Mobility

Encourage fluidity of multi-modal transportation

Equity by planning well-distributed services

Include diverse needs of service-users  
(age, gender, special-needs)





## Objectives: Inclusiveness

Distribute services adequately to accommodate diverse usage, especially for the urban poor

Reduce need for commuting

Design service to be affordable

Facilitate smooth multi-modal commuting



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Objectives:

# Health and Well-Being

Better quality of life

Curb pollution (air, sound, noise, biological)

Promote energy efficiency

Promote public transportation





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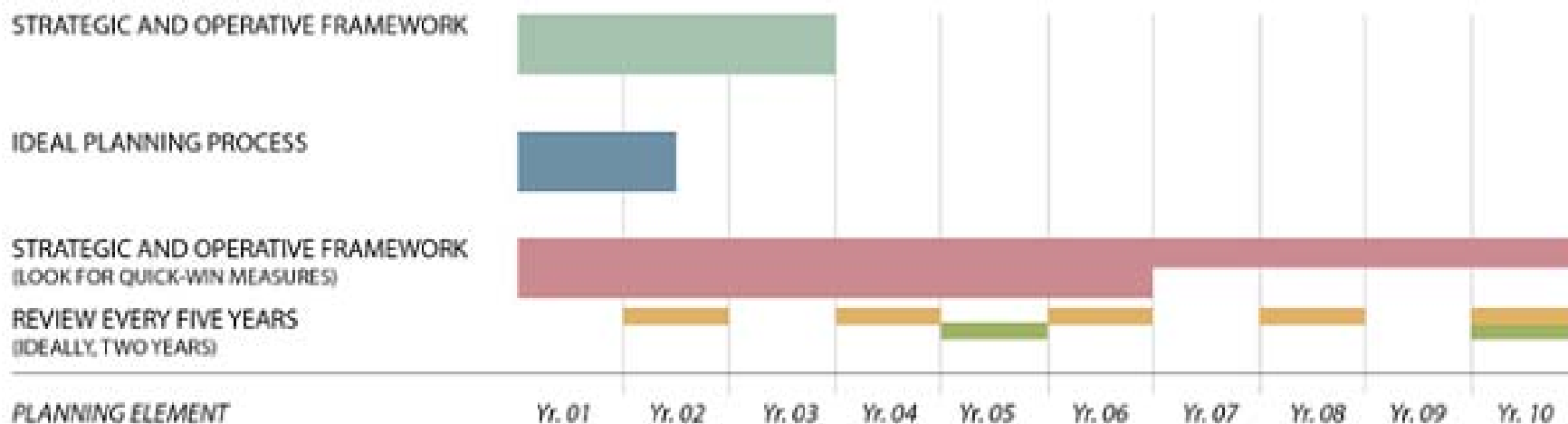
STEP FIVE: Evaluate and Revise







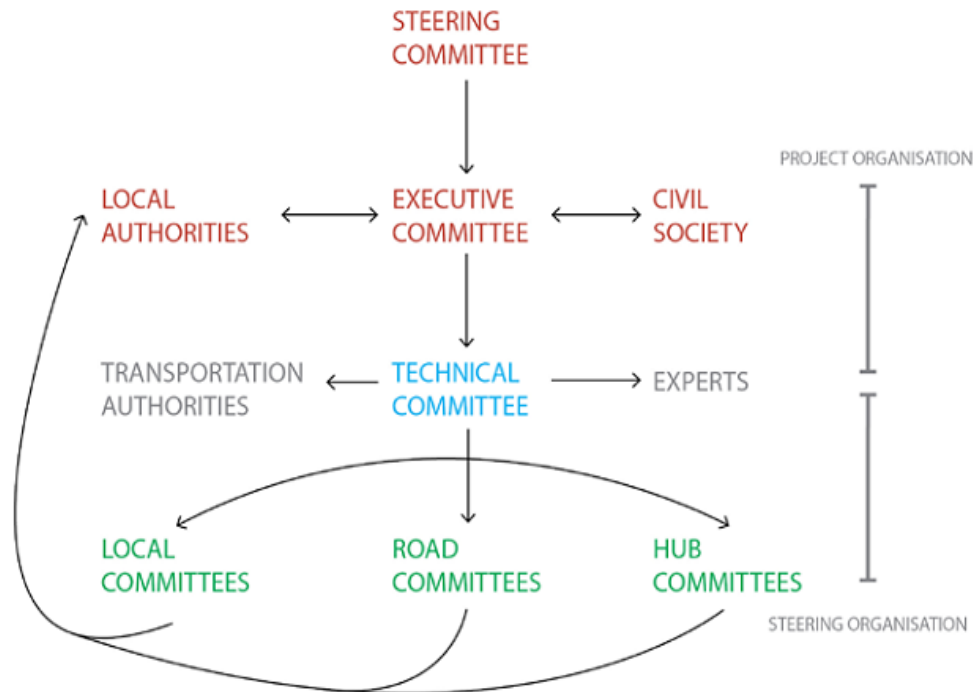
# Timeline for a UMP



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# Institutional Structures





# Capacity Building

Detail plans for capacity building in the draft UMP itself

Focus on evaluation and improvement





# Stakeholder Feedback

Wide-ranging outreach to gather feedback from all stakeholders involved

A Forum should be established for the entire planning process to make stakeholder engagement smooth and sustained





## Participation: Political Will

Stakeholder engagement might ease adoption of UMP by local politicians, as it needs to survive electoral cycles



Reliance  
strongest on  
public transport

Special attention  
to be paid to  
their needs





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# Identify Changes in Plan

Important step - to allow iterative process

Be open to the gaps evident now in the Plan

Review unmet goals and objectives







# Amend and Iterate

Implementation period should be consistent and open to amendments

Amendments to be transparent and in consultation with authorities and stakeholders





# QUESTIONS?

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