

Active Mobility Public Space, Livability, Diversity.

International Workshop

Tutzing (Germany), November 28, 2013

Bike and public transport intermodality in metropolitan areas. Towards improved bike and public transport

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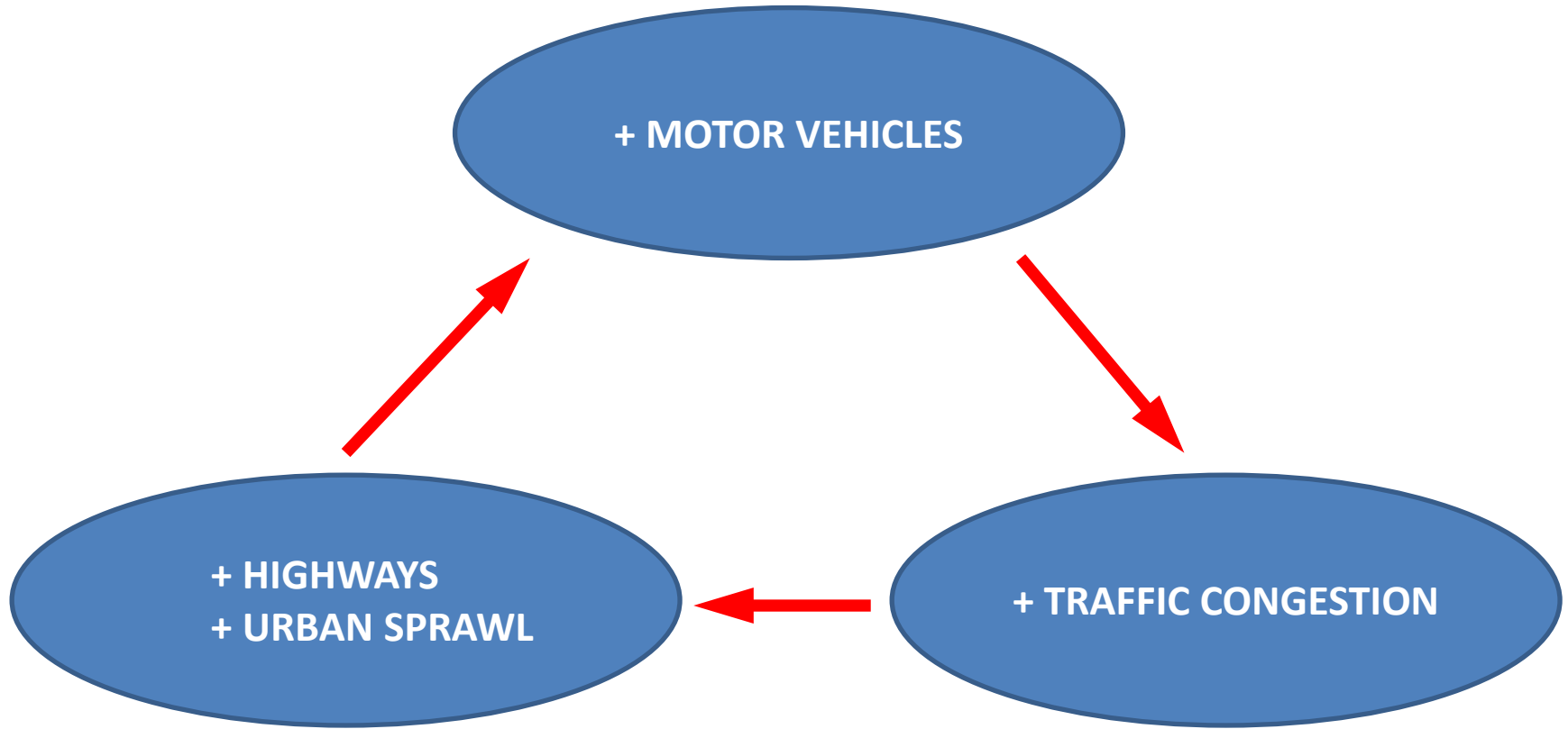
Transport Links in the Area of Sevilla, Universidad de Sevilla, Spain

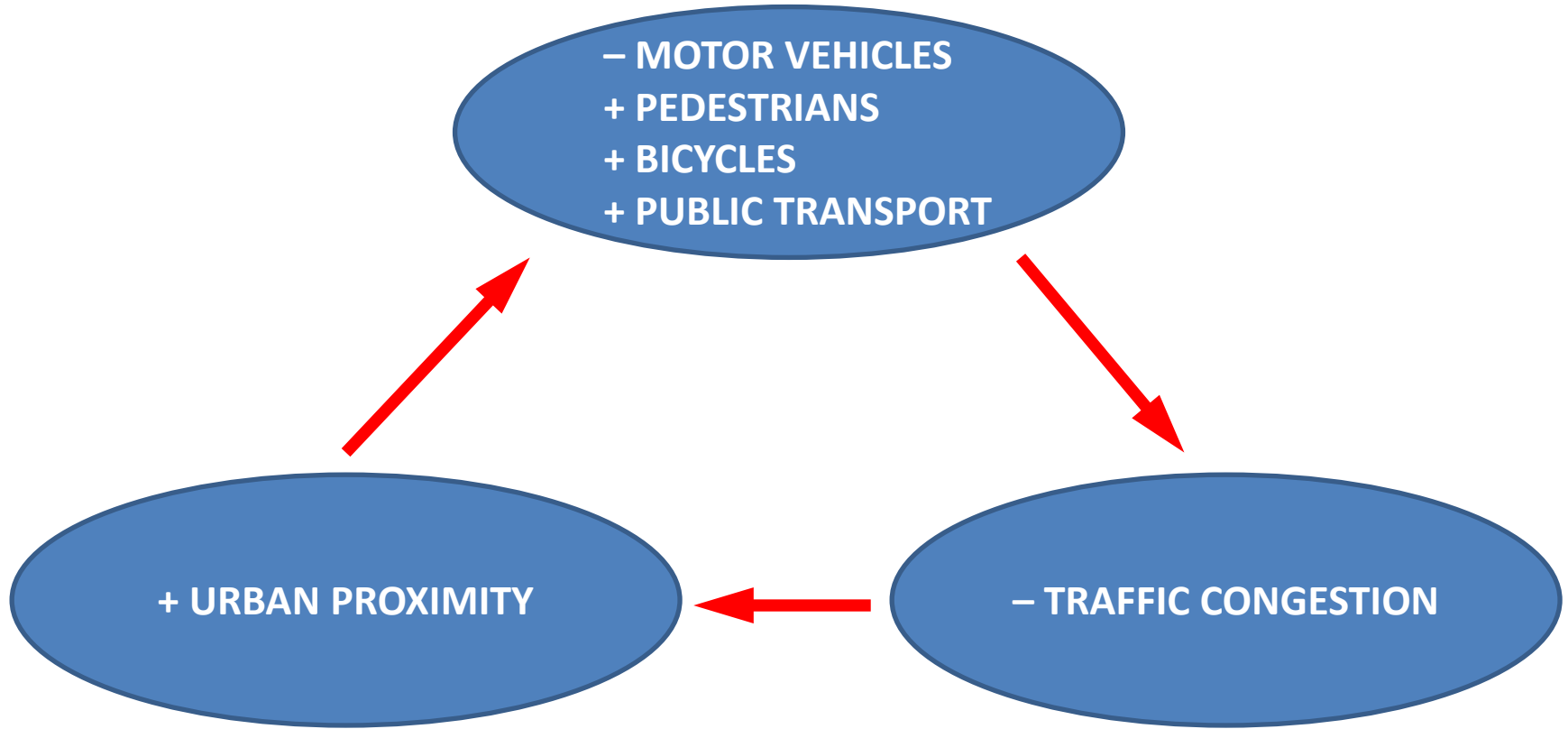
Motivation

To develop a methodology for evaluating and improving bicycle-PT links in metropolitan areas.

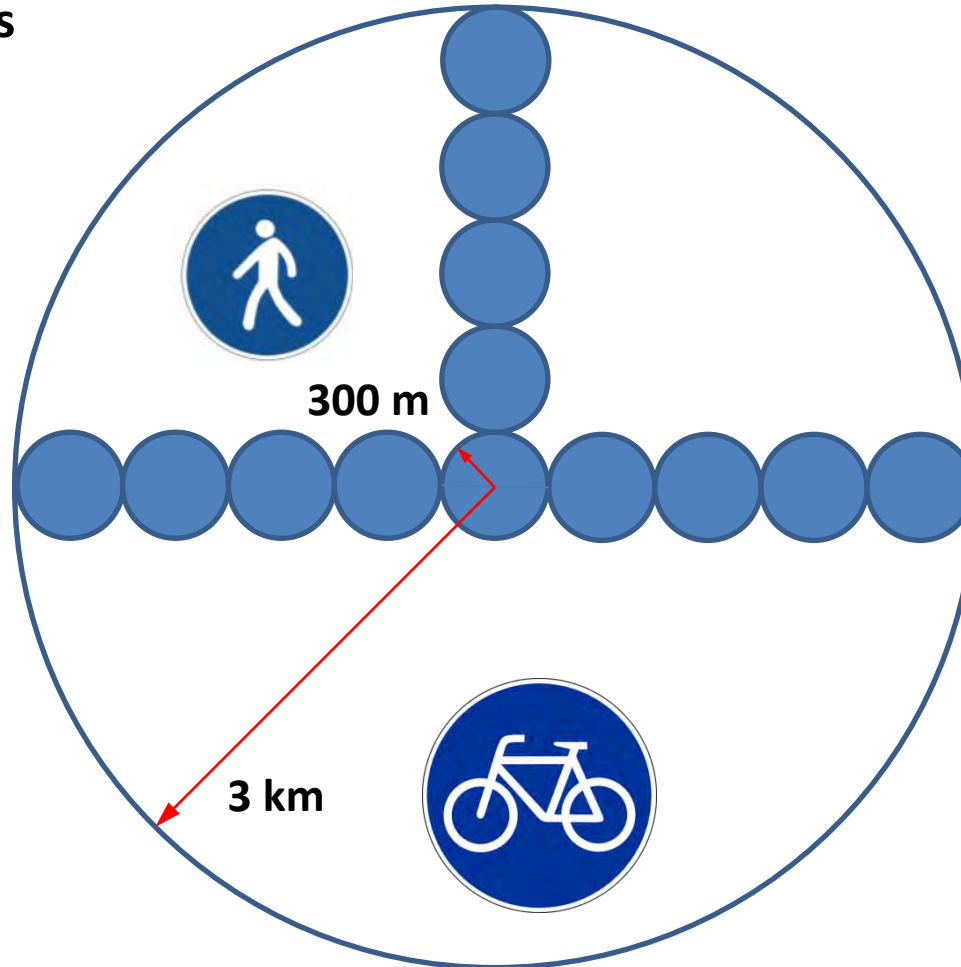
To apply this methodology to Metropolitan Area of Seville

PT – Public Transport





PT catching areas



PT – Public Transport

Key points

Connectivity PT Stops – Cycle Network – Bike Sharing Systems

Bike on board

Bike parking facilities and bike-sharing at PT stops and stations

Improved accessibility of PT stations and vehicles for bicycle users

PT – Public Transport

Connectivity PT Stops – Cycle Network – Bike Sharing Systems

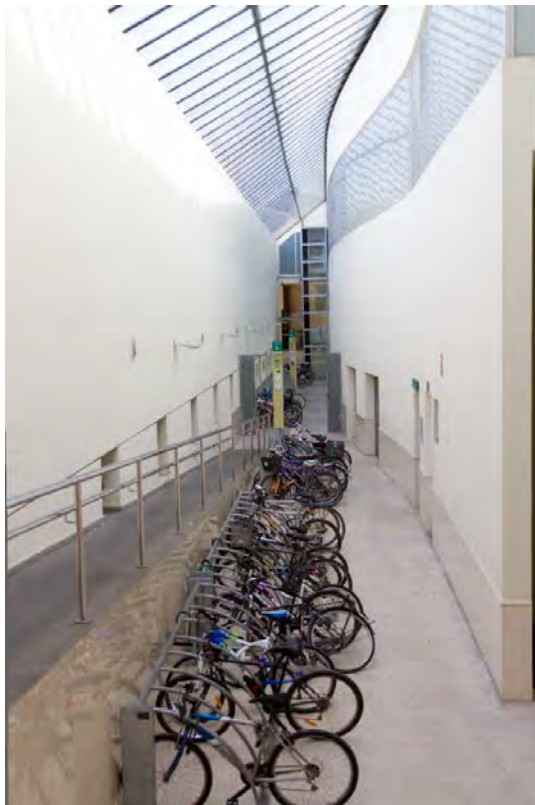


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Bike on board



Bike parking facilities and bike-sharing at PT stops and stations



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Improved accessibility of PT stations and vehicles for bicycle users



Legislation

RD 1544/2007 Basic conditions of accessibility and non-discrimination in access to and use of modes of transport for disabled people.

D 293/2009 Accessibility in infrastructures, urbanism, edification and transport in Andalusia

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Bicycle – PT Masterplan

Evaluation and prediagnosis

Estimating potential demand

Objectives and actions

Cost – benefit analysis

Indicators for monitoring and evaluating the plan

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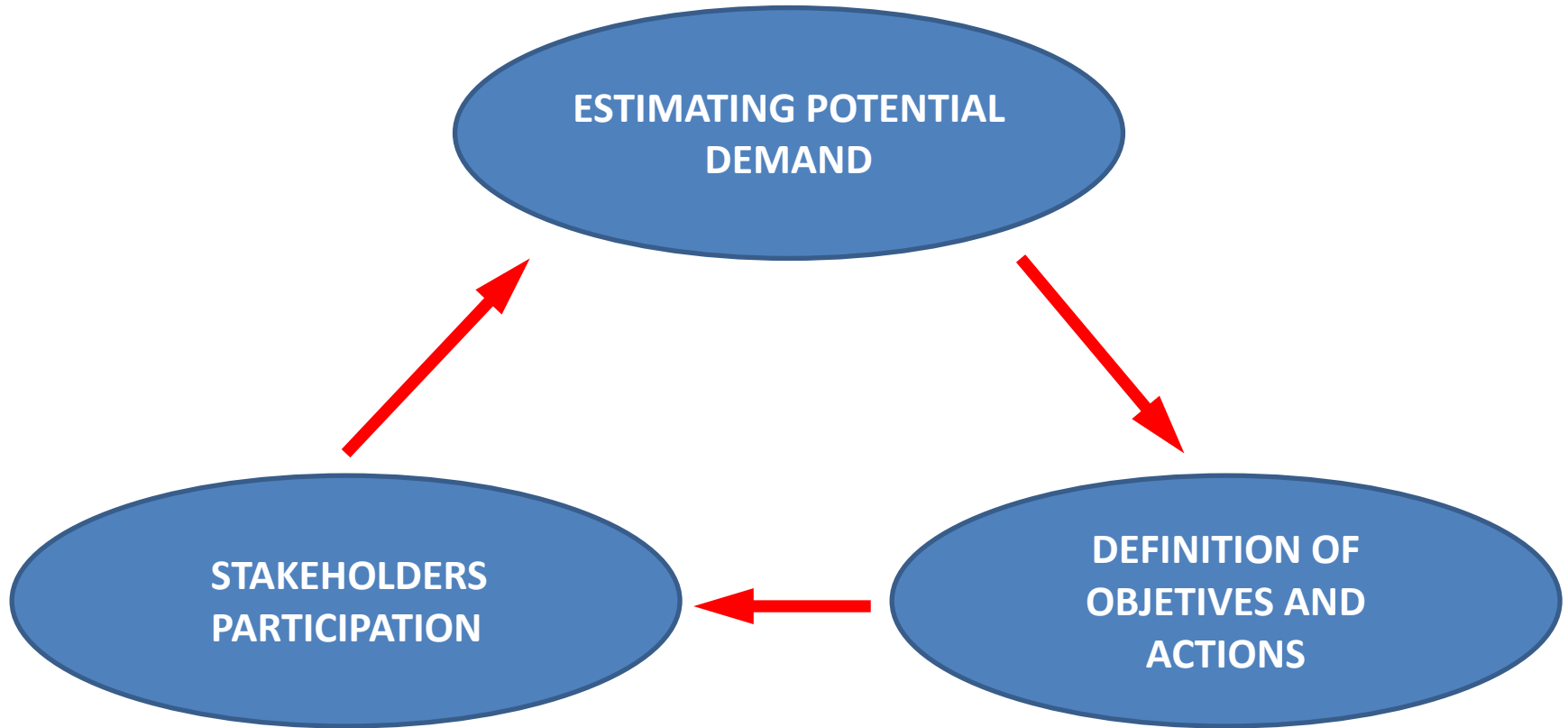
Evaluation and prediagnosis

Global evaluation of mobility from the scope of application of plan

Inventory and evaluation of the existing transport modes and intermodal infrastructure and estimating its volume

Identifying good practices

Identifying bottlenecks – blackspots



Cost – benefit analysis

Estimate of the monetary cost of the proposed actions

Estimate of the monetary benefits to users

Estimate of the cost reductions of traffic jams

Estimate of the environmental benefits to the community

Estimate of the public health benefits

Indicators for monitoring and evaluating the plan

Archived level of bike-PT intermodality

Increase in PT modal share.

Savings in greenhouse gases emissions and fuel consumption

Reductions in traffic congestion

Impact on public health

Economic savings

PT – Public Transport

Thanks for your attention – Danke serh!

Any questions?

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