

Cycling Plan of Andalusia CPA

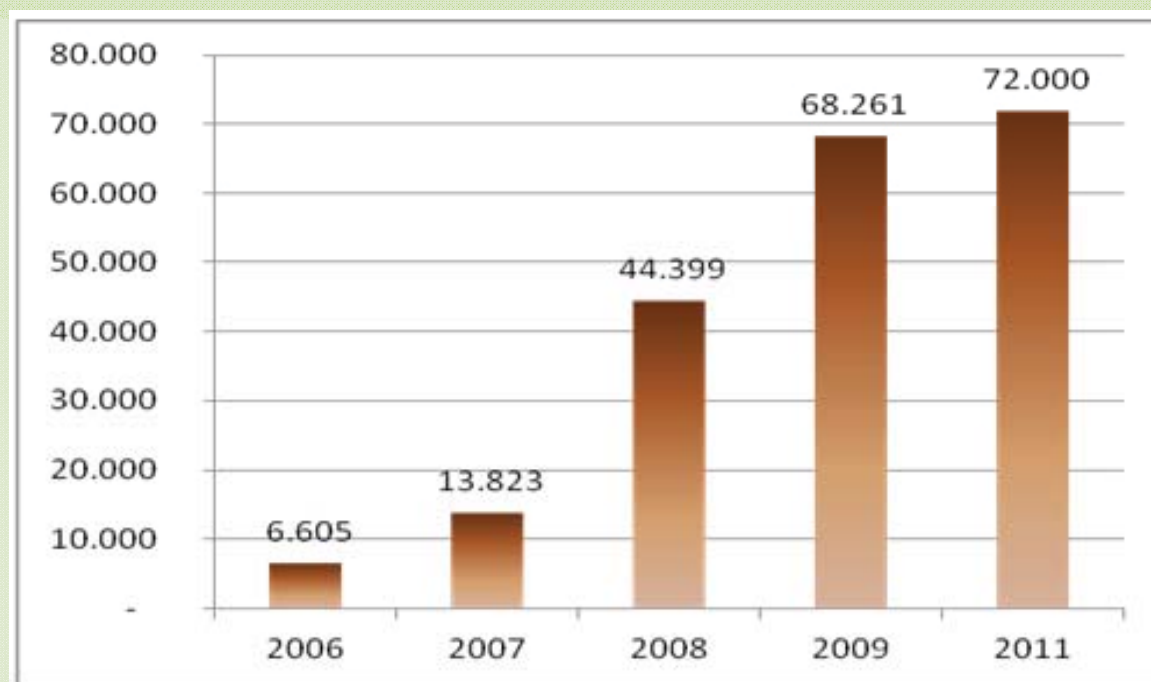
3. Sevilla experience: Main guidelines for the cycle network design



- **Segregation** from motorised traffic
- **Connectivity** between the main trip attractors and the main residential areas
- **Continuity**, with no gaps along it
- **Homogeneity**, with uniform pavement and design
- **Rapid construction**, generating an effective “word of mouth” effect

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3. Seville experience



- Evolution of number of bicycle journeys in Seville 2006-2011

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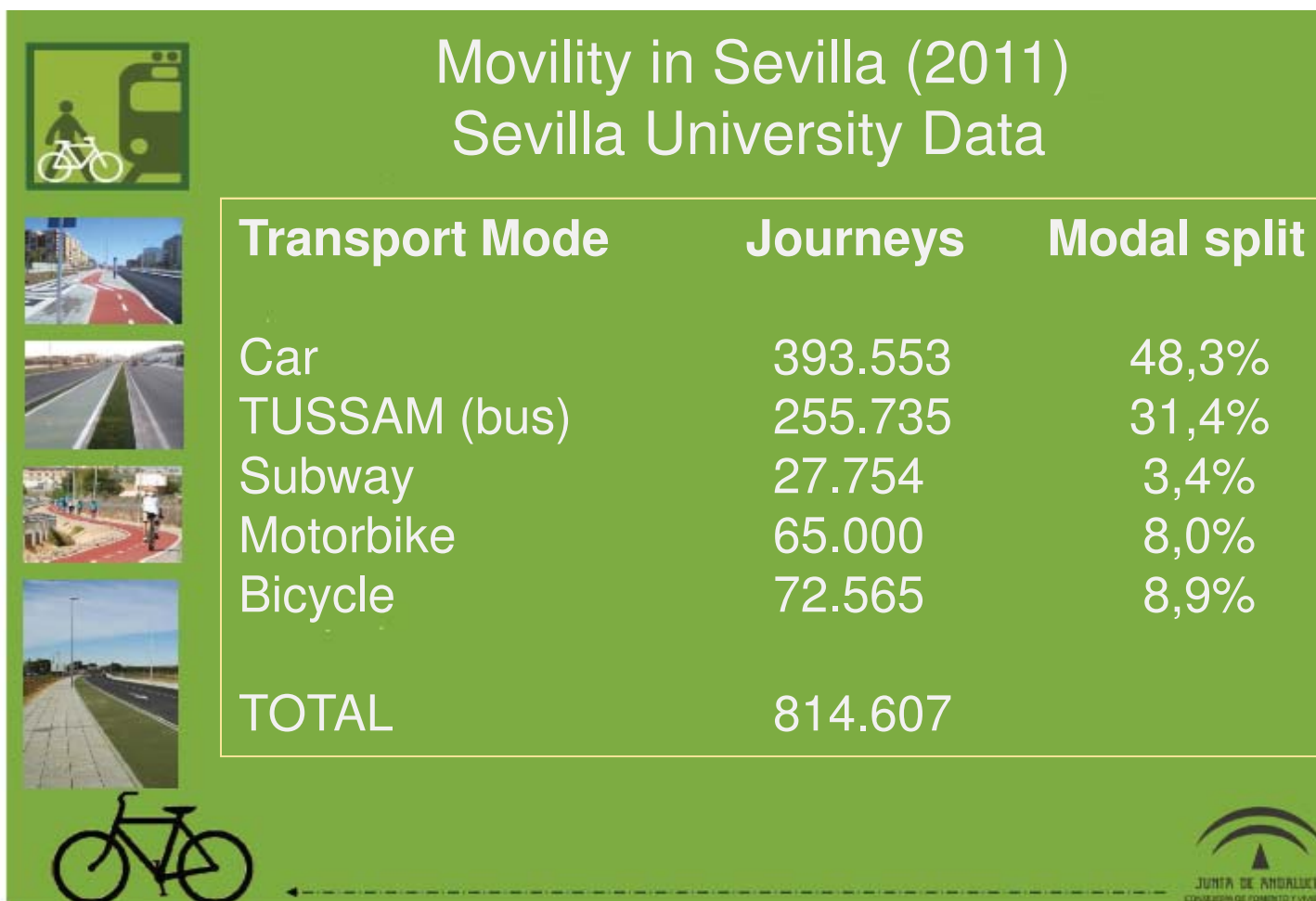
3. Seville experience

Evolution in Seville of modal split of mechanical trips and of all kind of trips (figures in parentheses)

	Walk	Bicycle	Public Transport	Car	Motorbike
1990	--(46.7)%	1.1 (0.6)%	46.0 (24.5)%	46.7 (24.9)%	6.2 (3.3)%
2007	--(36.5)%	5.0 (3.2)%	30.7 (19.5)%	57.2 (36.3)%	7.1 (4.5)%
2009	--(37.1)%	6.6 (4.1)%	32.5 (20.5)%	52.8 (33.2)%	8.1 (5.1)%
2011	--(36.7)%	8.9 (5.6)%	34.8 (22.2)%	48.3 (30.5)%	8.0 (5.0)%

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3. Sevilla experience



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3. Seville experience

- **From 0,6% to 9%** between 2006 and 2011
- **13 Km** bike paths
- **72.000** commuting by bike
- **20.000** less commuting by car
- **A reduction of 8.000 tons** of CO2 per year



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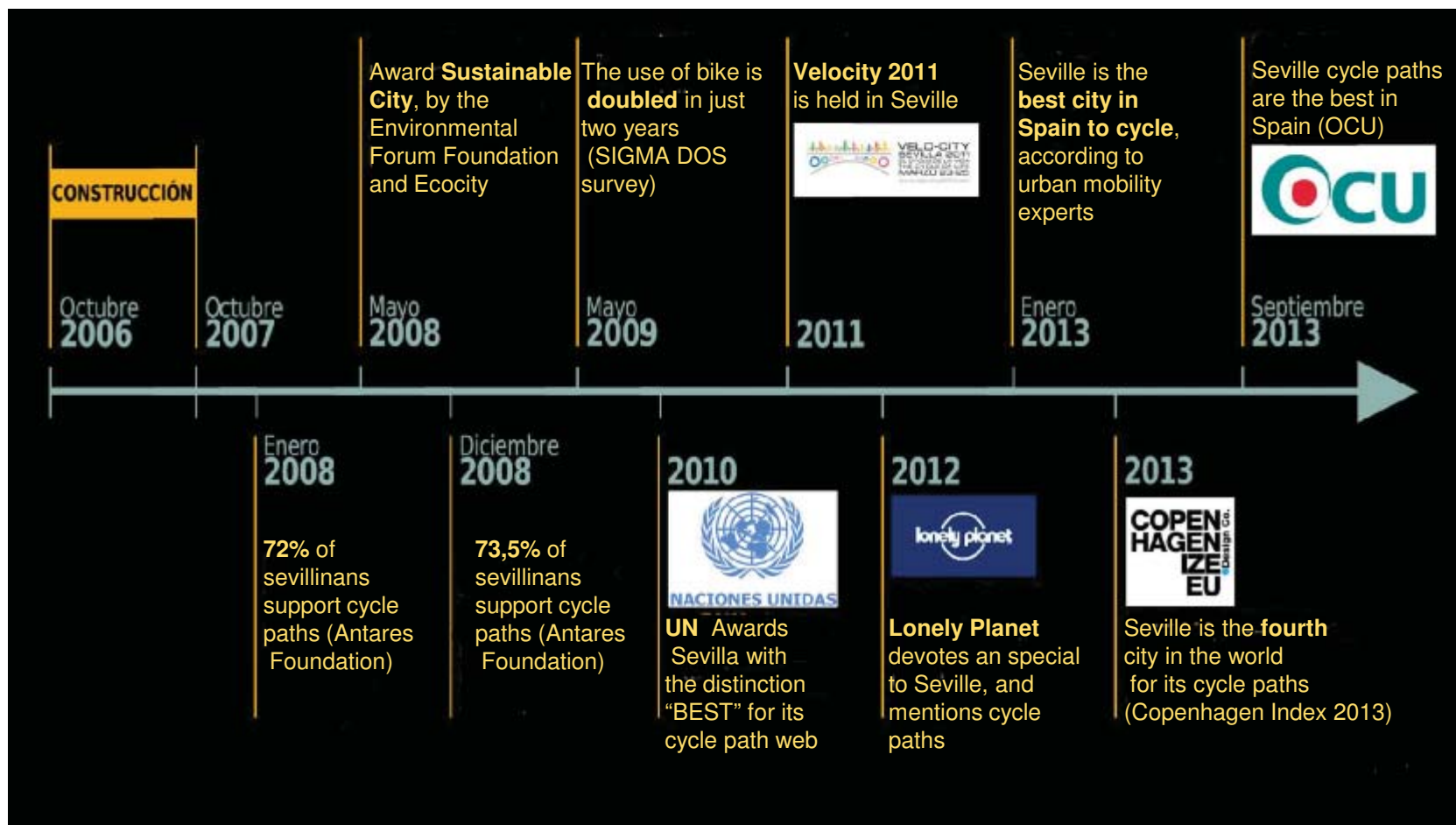
3. Seville experience



- Freeing up space for another purposes: Equivalent to a whole big neighbourhood
- Development of a pro-bike mindset and reduction of prejudice against bike use

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3. Seville experience



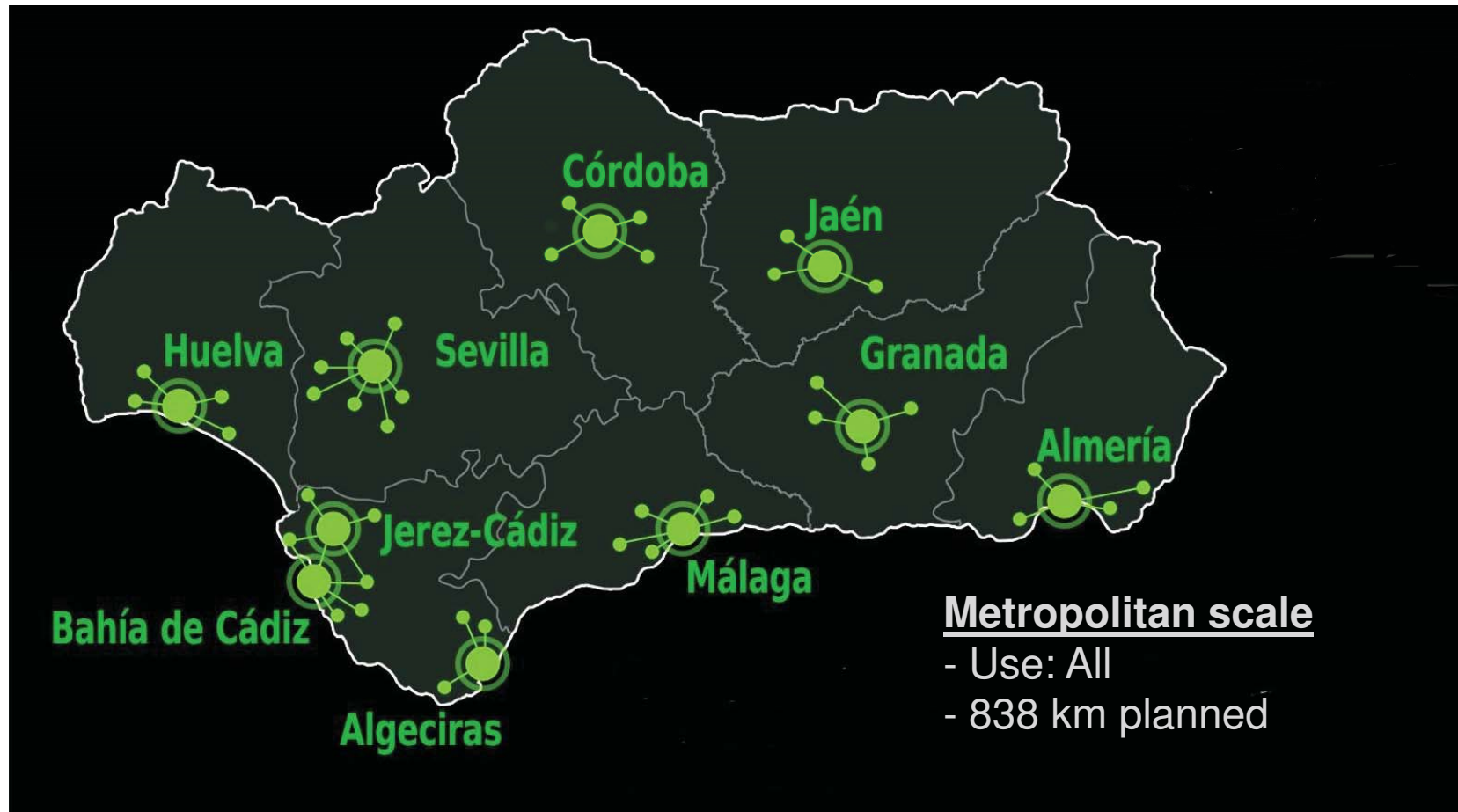
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4. Scale and use



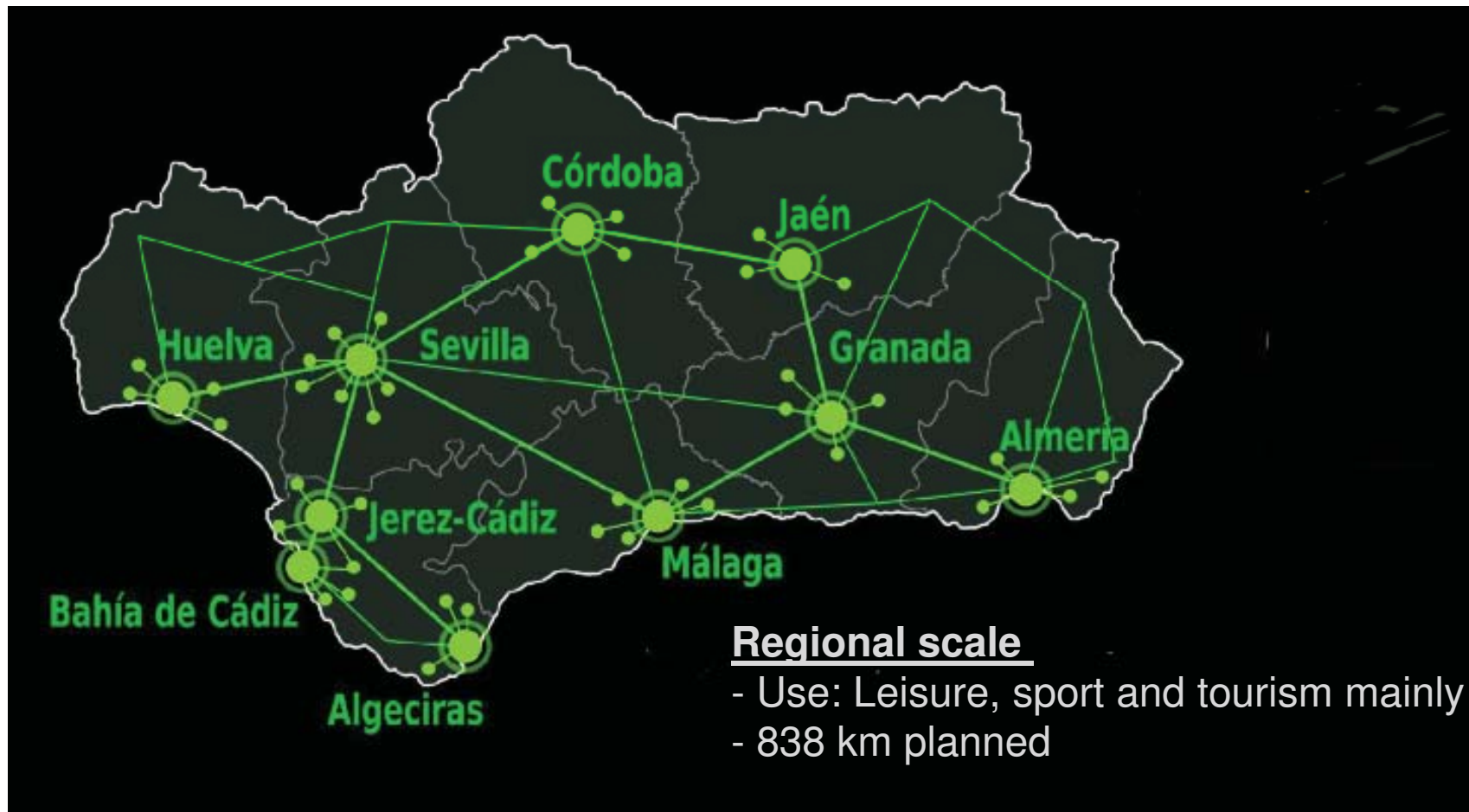
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4. Scale and use



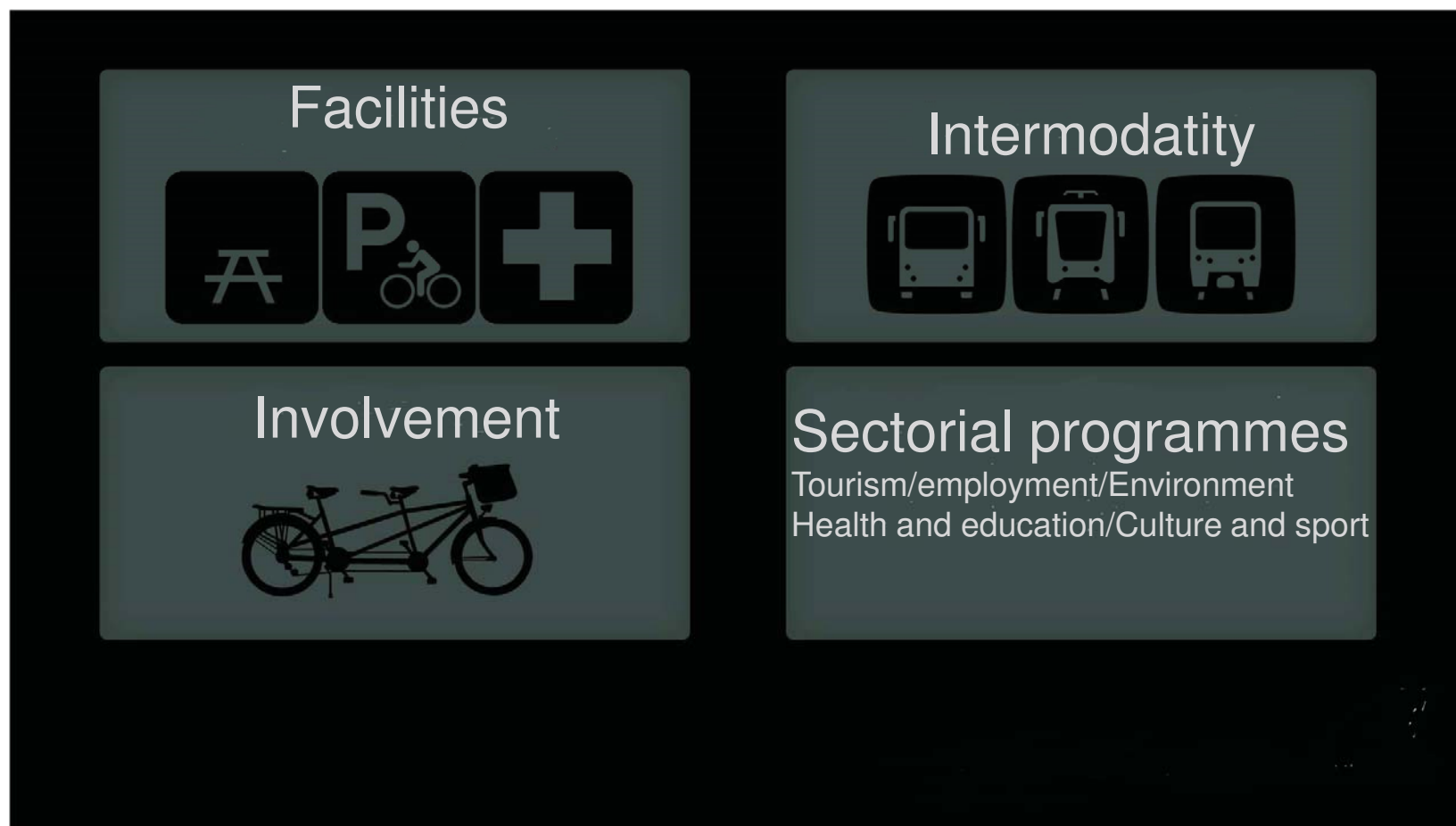
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4. Scale and use



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5. More than an Infrastructure Plan



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6. Optimun Investment

Planned investment

Andalusian Regional Government

Local councils

European Union

421
millones de euros

Annual saving/benefit

Fuel consumption

Absenteeism

Mortality

Gass emissions

413
millones de euros

Cycling Plan of Andalusia CPA

6. Optimun Investment

Million euros per kilometer



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7. An integrated and consisting model

Bicycle
Collective Public Transport
Pedestrian
Friendly city

ANDALUSIAN SUSTAINABLE MOVILITY LAW



Cycling Plan of Andalusia CPA

8. BP concerning an integrated model

Urban and Metropolitan Public transport planning according to a regional law

Regional coordination for sustainable mobility: Consortium as Metropolitan Transport Authority

Technologic Transport Web with open Architecture: standardization and harmonization process

Implementation of a mixed service Bus+bike for a more sustainable metropolitan transport

Intermodal transport document to be used in all public modal splits and all metropolitan areas in Andalusia.



European Union
European Regional
Development Fund

Thank you!

Questions welcome



Project smedia