

Pictures to support the final report

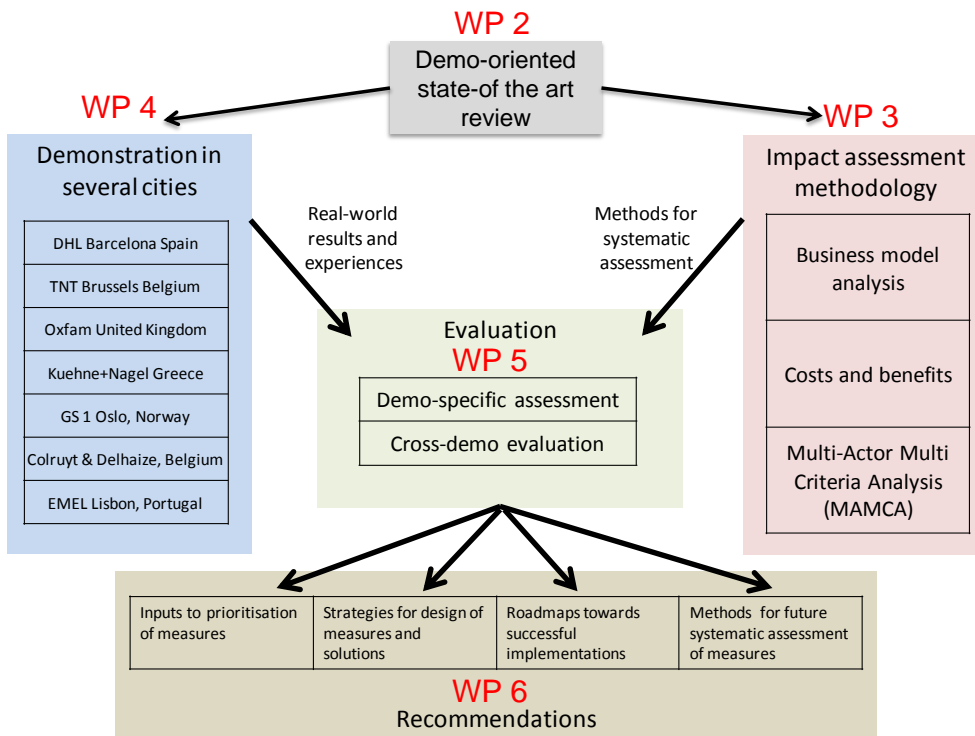


Figure 1: Structure of the STRAIGHTSOL project.

Table 1: Criteria and description of the criteria of the stakeholder groups.

Stakeholder	Criteria	Description of criteria
Shipper	Successful pick-ups	Punctual and secure pick-ups with no damage
	Low cost deliveries	Low out-of-pocket costs for transport
	High level service ¹	Receiver satisfaction
	Green concerns	Positive attitude towards environmental impact
Logistics Service Provider	Profitable operations	Making a profit by providing logistic services
	Viability of investment	A positive return on investment
	High level service ²	Receiver and shipper satisfaction
	Employee satisfaction	Employees are satisfied with their work and working environment

¹ Sub-criteria: punctual deliveries, no damage and supply chain visibility

² Sub-criteria: punctual deliveries, no damage and supply chain visibility

	Green concerns	Positive attitude towards environmental impact
Receiver	Convenient high level deliveries ³	Deliveries that do not compromise the receiver operations
	Attractive urban environment	Nice and liveable surroundings
	Green concerns	Positive attitude towards environmental impact
	Security	Security of the goods, less thefts
	Low transportation costs	Low costs to receive goods (if applicable)
Citizen	Low emissions	Reduce emissions of CO ₂ , NO _x , PM _{2.5} , PM ₁₀
	Low noise nuisance	Reduce noise nuisance
	Low visual nuisance	Less space occupancy by trucks
	Urban accessibility	Reduce freight transport, less congestion
	Road safety	Positive impact on road safety
Local authority	Positive business climate	Attractive environment for companies
	Quality of life	Attractive environment for citizens
	Enforcement	Easiness of compliance
	Social political acceptance	Citizens support for measures
	Network optimization	Optimal use of existing infrastructure
	Low cost measures	Low costs to implement the measures

³ Sub-criteria: punctual deliveries, no damage, supply chain visibility and suitable deliveries

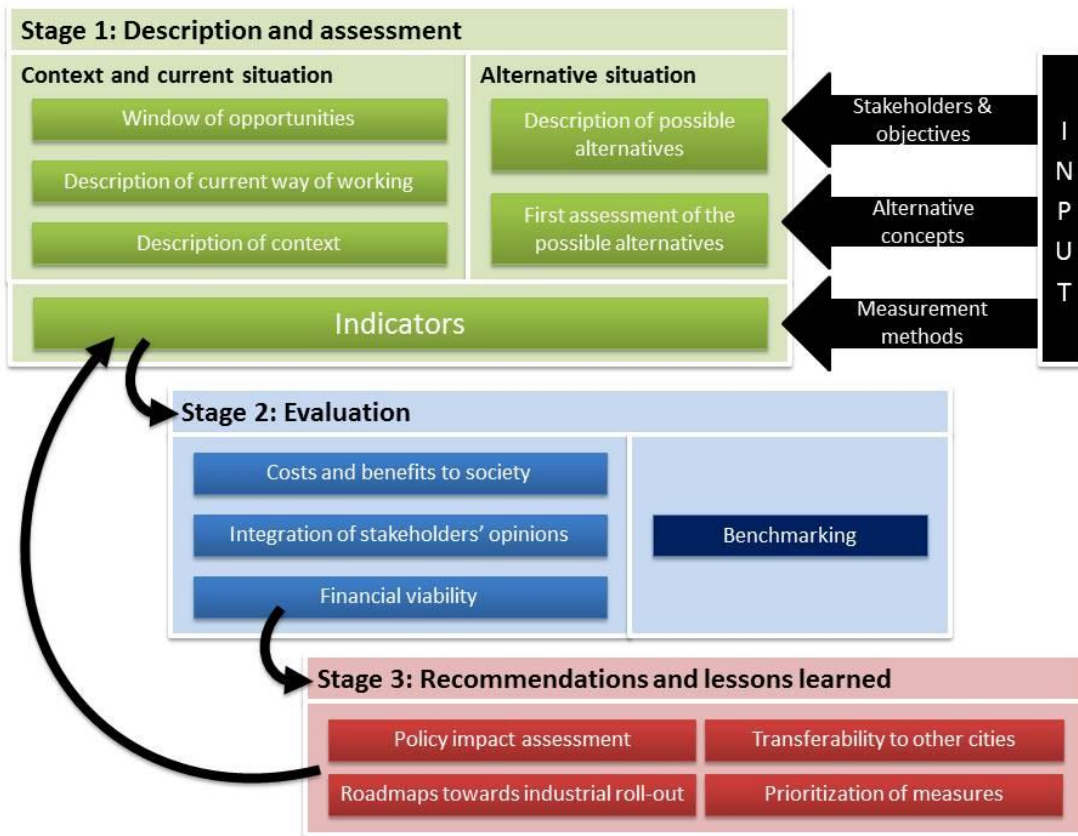


Figure 2. STRAIGHTSOL evaluation framework.

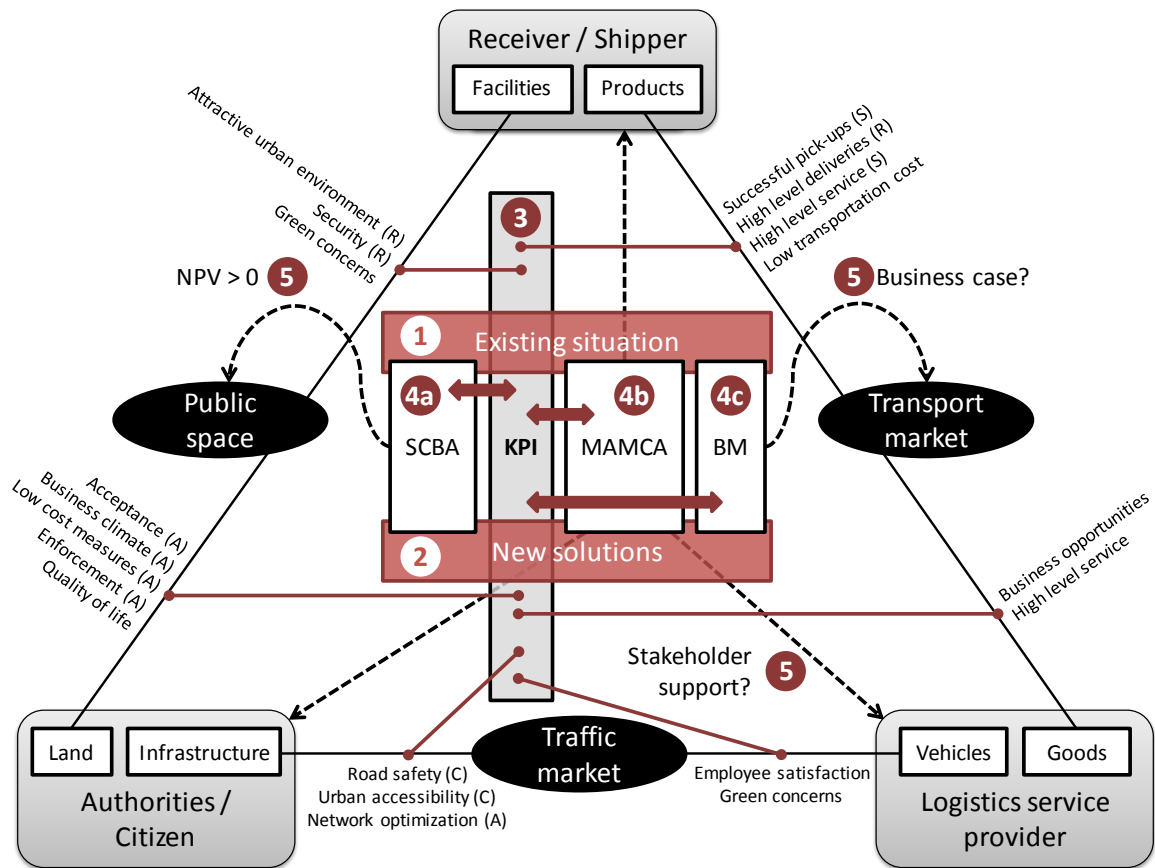


Figure 3: Methodological approach of the framework (Source: MOBI setup, 2012).

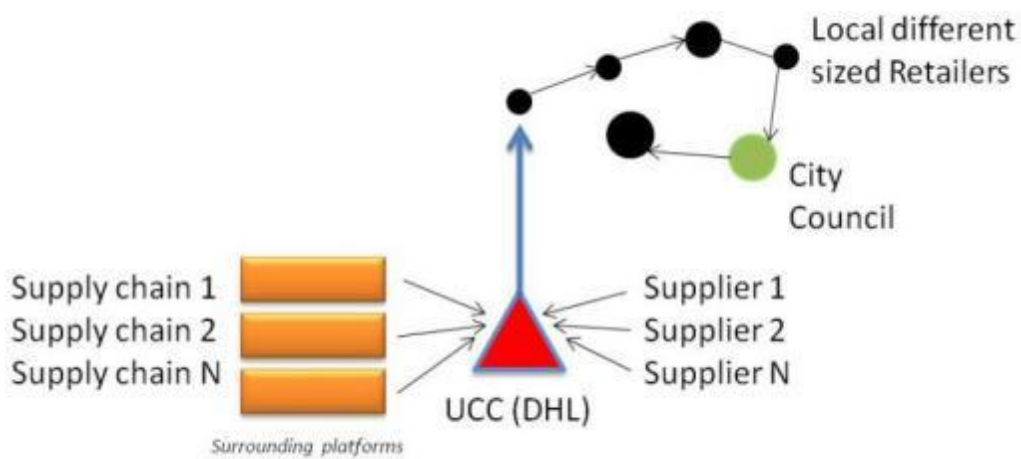


Figure 4. DHL's Hybrid Consolidation centre.



Figure 5. TNT Express' mobile depot.



Figure 6. Oxfam collection banks.



Figure 7. Kuehne+Nagel warehouse in Sindos, Thessaloniki.



Figure 8. Registration of incoming shipments at Stovner senter in Oslo.



Figure 9. EMEL's control centre in Lisbon.



Figure 10. Noise measurements outside one of the Delhaize supermarkets.

References

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