

FACT SHEET NO.: 8/1

PERFORMED BY: TRT

A GENERAL INFORMATION	
A 1	Category
A 2	Subcategory
A 3	Transport policy measure (TPM)
A 4	Description of TPM
A 5	Implementation examples
A 6	Objectives of TPM
A 7	Key changes concerning:
A 7.1	- Choice of transport mode / Multimodality:
A 7.2	- Origin and/or destination of trip:
A 7.3	- Trip frequency:
A 7.4	- Choice of route:
A 7.5	- Timing (day, hour):
A 7.6	- Occupancy rate / Loading factor:
A 7.7	- Energy efficiency / Energy usage:
A 8	Main source

B IMPACTS	
B 1	OVERVIEW ON IMPACTS
B 1.1	Summary
B 1.2	Summary: Income groups
B 1.3	Summary: Age groups
B 1.4	Summary: Disabled people
B 1.5	Summary: Gender groups
B 1.6	Summary: Ethnic groups

B 2 TRAFFIC IMPACTS	
B 2.1	Travel or transport time
B 2.2	Risk of congestion
B 2.3	Vehicle mileage
B 2.4	Service and comfort
B 2.I	Overall impacts on social groups
B 2.II	Implementation phase
B 2.III	Operation phase
B 2.IV	Summary / comments concerning the main impacts
B 2.V	Quantification of impacts

B 3 ECONOMIC IMPACTS	
B 3.1	Transport costs
B 3.2	Private income / commercial turn over
B 3.3	Revenues in the transport sector
B 3.4	Sectoral competitiveness
B 3.5	Spatial competitiveness
B 3.6	Housing expenditures
B 3.7	Insurance costs
B 3.8	Health service costs
B 3.9	Public authorities & adm. burdens on businesses
B 3.10	Public income (e.g.: taxes, charges)
B 3.11	Third countries and international relations
B 3.I	Overall impacts on social groups
B 3.II	Implementation phase
B 3.III	Operation phase
B 3.IV	Summary / comments concerning the main impacts

Workpackage 2: Transport Policy Measure Impact Assessment

B 3.V	Quantification of impacts	
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B 4	SOCIAL IMPACTS	AFFECTED SEGMENTS														Geographical level		Source				
		Passengers					Transport operators									1st level	2nd level	Source of assessment	Spatial level of source			
		Road	Rail	Air	Public transport	Slow modes	Road	Rail	IVW	Air	Maritime	Public transport	Employees in transport	Residents	Economy					Public bodies	Society	
B 4.1	Health (incl. well-being)	↗	↗		↗	↗													L	R	S	L
B 4.2	Safety	→												→					L	R	S	L
B 4.3	Crime, terrorism and security																					
B 4.4	Accessibility of transport systems																					
B 4.5	Social inclusion, equality & opportunities																		L	R	S	L
B 4.6	Standards and rights (related to job quality)																					
B 4.7	Employment and labour markets																		L	R	S	L
B 4.8	Cultural heritage / culture																					
B 4.I	Overall impacts on social groups	Increased job satisfaction and quality of life expected [2] [4] [9]; slight increase of safety for road modes due to reduced congestion																				
B 4.II	Implementation phase																					
B 4.III	Operation phase																					
B 4.IV	Summary / comments concerning the main impacts	- increased job satisfaction and quality of life expected [2] [4] [9]; - slight increase of safety for road modes due to reduced congestion, if rebound effects are not there [8]; - Some employee categories may be excluded: equality not increased [8]; - can improve employment opportunities for some disadvantaged groups [8] - possible positive impacts on employment [2] [8] [9] - Improved employee productivity by reducing stress related to commuting [8]																				
B 4.V	Quantification of impacts																					

B 5	ENVIRONMENTAL IMPACTS	AFFECTED SEGMENTS														Geographical level		Source				
		Passengers					Transport operators									1st level	2nd level	Source of assessment	Spatial level of source			
		Road	Rail	Air	Public transport	Slow modes	Road	Rail	IVW	Air	Maritime	Public transport	Employees in transport	Residents	Economy					Public bodies	Society	
B 5.1	Air pollutants																		L	R	S	L
B 5.2	Noise emissions																		L	R	S	L
B 5.3	Visual quality of the landscape																					
B 5.4	Land use																		L	R	S	R
B 5.5	Climate																		L	R	S	R
B 5.6	Renewable or non-renewable resources																					
B 5.I	Overall impacts on social groups	Impacts on air pollution [2] [3] [5] [6] [7] [8] [9], climate change [3] [6] [8] and noise emission																				
B 5.II	Implementation phase																					
B 5.III	Operation phase																					
B 5.IV	Summary / comments concerning the main impacts	- Teleworking might impact on air pollution [2] [3] [5] [6] [7] [8] [9], climate change [3] [6] [8] and noise emission, in case of an overall reduction of trips - It might encourage more dispersed land use (sprawl) [8]																				
B 5.V	Quantification of impacts																					

C REFERENCES		
C 1	Other TPMs of this subcategory	Flexible working hours (often applied in combination)
C 2	References	International [1] EC DG EMPL (2009), Flexible working time arrangements and gender equality - A comparative review of 30 European countries [2] EC (2003), DEESD project: Telework and sustainable development A case study with the Global eSustainability Initiative (GeSI) [3] EC (2002), eWork 2002 - Status Report on New Ways to Work in the Knowledge Economy National [4] House of Commons All-Party Parliamentary Small Business Group (2009), Flexible Working: Challenges for Business, UK [5] DTLR (2002), The Impact of Information and Communications Technologies on Travel and Freight Distribution Patterns: Review and Assessment of Literature. Final Report, UK [6] G. Lyons, A. Felstead (2007), The impact of teleworking and teleconferencing on transport policy, ESRC, UK [7] Ministerie van Verkeer en Waterstaat (2006), Nota Mobiliteit. Deel IV - Na parlementaire behandeling vastgestelde PKB Regional / Local [8] Victoria Transport Policy Institute, Telework (http://www.vtpi.org/tm/tm43.htm), CA [9] Transport for London (2011), Smarter Working guide, London (UK)