

THE PROVINCE OF FERRARA

HOLISTIC APPROACH IN THE SELECTION AND TRANSFER OF GOOD PRACTICES IN
INFOMOBILITY – THE POLITE PROJECT METHODOLOGICAL APPROACH



POLICY LEARNING IN INFORMATION TECHNOLOGIES
FOR PUBLIC TRANSPORT ENHANCEMENT



Final Conference

Cosenza, IT October 9th 2014

Domenico Casellato, Province of Ferrara

Giuseppe Luppino, ITL

Territorial Planning, Mobility and Energy Department

PP2 – Province of Ferrara

		Year		2012												2013												2014												2015					
		Months		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mag	Glu
		Reporting semesters		I						II						III						IV						V						VI											
Leader		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36								
COMPONENT 1: Management and coordination		CRA																																											
1.1 Project management	Technical Coordination	CRA																																											
	Partner level financial reporting, administration & management	All PPs																																											
	Project level financial reporting, administration & management	CRA																																											
		Calabria - IT						Riga - LV						Reading - UK						Ferrara - IT						CDV - CZ						ILIM - PL						Calabria - IT							
Outputs: CPI	D1.1: Detailed workplan for all components (Draft in M2)	CRA																																											
	PR1-PR5: Progress reporting + draft final report (F) and draft PR6 (Financial Reports included)	CRA																																											
	Kick off meeting	CRA																																											
	Consortium & Steering Committee Meetings	CRA																																											
		CRA																																											
		CRA																																											
COMPONENT 2: Communication and Dissemination		POLIS																																											
2.1 Communication and Dissemination vision & planning		POLIS																																											
OUTPUTS 2.1	D2.1.a Dissemination strategy report	POLIS																																											
	D2.1.b Detailed Workplans & updates/monitoring (tot n. 5) for dissemination activities at EU level	POLIS																																											
	D2.1.c Detailed Workplans & updates/monitoring (tot n. 5) for dissemination activities at site level	POLIS																																											
2.2 EU Communication and dissemination		ILIM																																											
OUTPUTS 2.2	D2.2.a Project web site & POLITE brand / image	ILIM																																											
	D2.2.b Project EU brochures 1	ILIM																																											
	D2.2.c Project EU brochures 2	ILIM																																											
	D2.2.d Participation of Partners in external conference and workshops (2 per semester)	POLIS																																											
	D2.2.e New slotters on infomobility policy themes (n. 5)	POLIS																																											
	D2.2.f Final Technical results publication	RBC																																											
	D2.2.g Intermediate open workshop	PoF																																											
	D2.2.h Final conference	CRA																																											
2.3 Joint Site level dissemination		POLIS																																											
OUTPUTS 2.3	D2.3.a Press releases at local/regional level	All PPs																																											
	D2.3.b Joint Country Specific New slotters (5)	All PPs																																											
	D2.3.c Joint Local dissemination events (2)	All PPs																																											
COMPONENT 3: Exchange of experience		RBC																																											
3.1 Best practices methodological framework		CDV																																											
OUTPUTS 3.1	D3.1.a Report on definition infomobility policy themes for exchange	CDV																																											
	D3.1.b Joint methodology for best practices search and exchange	RBC																																											
3.2 Best practices - search & analysis		PoF																																											
OUTPUTS 3.2	D3.2.a Good practices search and site visits to non project sites	PoF																																											
	D3.2.b Analysis & Reporting on best practices	LaTDEA																																											
	D3.2.c 1 st infomobility policy document	CDV																																											
3.3 Transfer-oriented sessions		RBC																																											
OUTPUTS 3.3	D3.3.a Good Practice Round Table	RBC																																											
	D3.3.b Training workshop	PoF																																											
	D3.3.c Joint Policy Exercises	CDV																																											
3.4 Sites Implementation plans		ILIM																																											
OUTPUTS 3.4	D3.4.a Draft Implementation plan for each site	All PP																																											
	D3.4.b Joint meeting on site interventions	ILIM																																											
	D3.4.c Sites Final Implementation Plans	LaTDEA																																											

INPUT, CATEGORIES

Good Practice search based first on the partner experience: Each partner could be donor

... but also considering the partners needs

- 01 PT LEGISLATION AND REGULATION
- 02 PT OPERATION REORGANIZATION INTO MULTIMODAL SYSTEM
- 03 COOPERATION AMONG ADMINISTRATIONS
- 04 ITS TECHNICAL STANDARDIZATION FOR INTEROPERABILITY
- 05 INFRASTRUCTURAL MEASURES
- 06 INNOVATIVE ICT FOR PT
- 07 MODELLING TOOLS & MEASURES
- 08 PT & TRAFFIC MANAGEMENT MEASURES
- 09 PT INFORMATION MEASURES
- 10 ADVANCED PT TICKETING

GOOD PRACTICES SEARCH AND SITE VISITS TO NON PROJECT SITES: OBJECTIVES



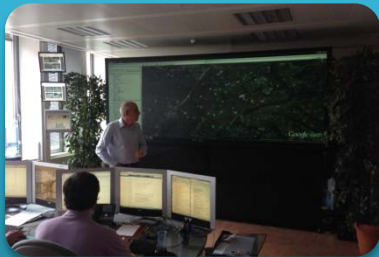
General objective

- Identification of potential Good practices
- perform site visits



Good Practice Search

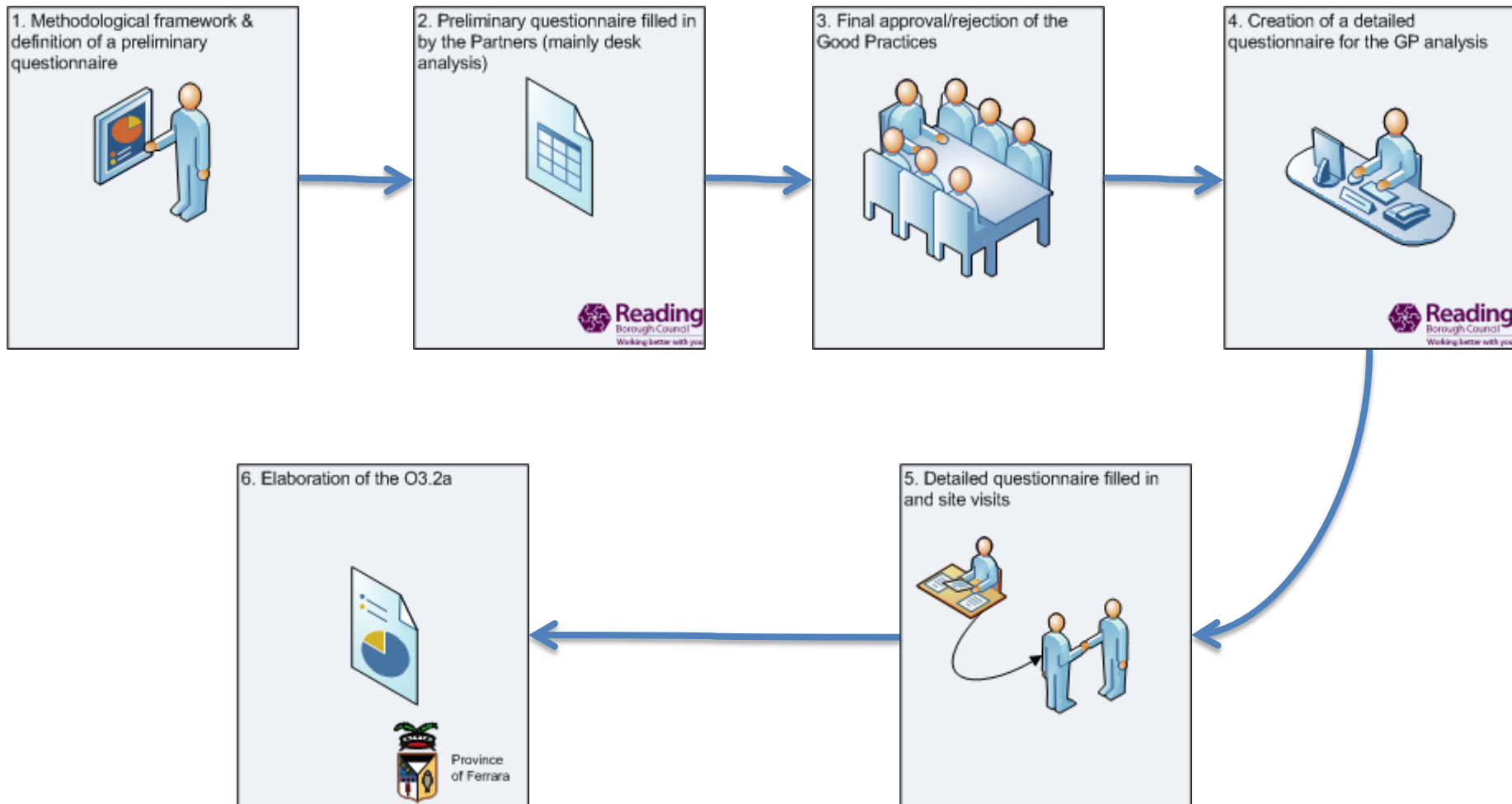
- Coordination of the activities by PoF
- Involvement of all partners for the identification and collection of questionnaires
- Objective: 30 Good Practices to be identified



Site visits

- Main good practices analyzed deeply with a site visit
- Objective: 6 site visits (1 per technical partner)
- Opportunity to involve further public administrations in POLITE

HOLISTIC APPROACH IN THE SELECTION AND TRANSFER OF GOOD PRACTICES IN INFOMOBILITY – THE POLITE PROJECT METHODOLOGICAL APPROACH



FOCUS ON THE MEASURES - THE MAPPING PROCESS

- Measures were identified according to the POLITE topics.
- Measures are referred to different aspects
- Each measure has several sub-measures in order to better fit in a specific topic



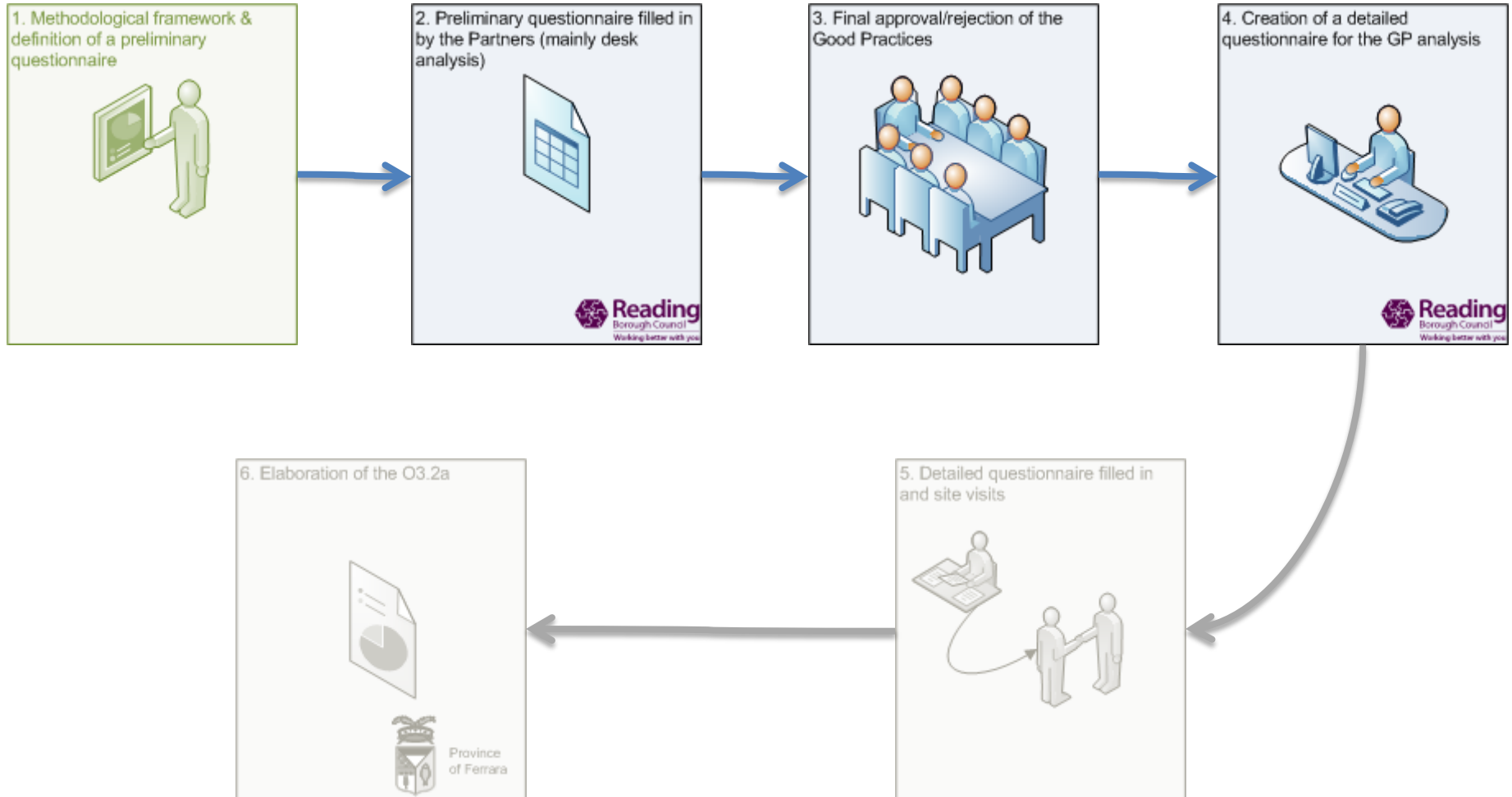
FOCUS ON THE MEASURES - THE MAPPING PROCESS/2

1. PT LEGISLATION AND REGULATION	2. PT OPERATION REORGANIZATION INTO MULTIMODAL SYSTEM	3. COOPERATION AMONG ADMINISTRATIONS	4. ITS TECHNICAL STANDARDIZATION FOR INTEROPERABILITY	5. INFRASTRUCTURE L MEASURES	6. INNOVATIVE ICT FOR PT
Access regulations	New organization measures	PT policies	Data elements and messages harmonization	Multimodal nodes	Technologies for infrastructure
Measures and requirements towards data providers	Re-organization measures	PT operation harmonization	Processing	PT and parking facilities links	Technologies for vehicles
Static data availability	Infomobility organization	Public procurement forms	Interoperability tools	Large facilities areas	Communication technologies
Real time data availability	PT services optimization	Incentives and subventions	Required concordance with technical standards	Intersections with PT preference at traffic lights	Data storage technologies
Rules of public procurements for ICT services	Organization of service providers and subproviders PT outsourcing on infomobility background	Correlation and planning of resources		Disabled passengers support	Solutions independent on technologies
Harmonisation of regulations	Interlinks to other modes for multimodal travellers			Tools for the identification of passenger vs. freight vehicles	
Financial rules	Implementation of PT integration				

FOCUS ON THE MEASURES - THE MAPPING PROCESS/3

7. MODELLING TOOLS & MEASURES	8. PT & TRAFFIC MANAGEMENT MEASURES	9. PT INFORMATION MEASURES	10. ADVANCED PT TICKETING
Goals setting up	Traffic monitoring	Static and real time data/information	Electronic payment ways
Financing of the modelling	PT monitoring ways	Multimodal PT planner implementation	Travellers counting, journeys and connections utilization and optimization
Modelling tools	PT operation management systems & technologies	Advisory or statutory information	Incentive schemes
Data acquisition and analysis	PT and traffic control	GIS mapping	
Modelling PT and other flows for solutions definition	Access control	Big events and incidents management	
	Mobility monitoring		
	Identification of passenger vs. freight vehicles for managing specific traffic flows		

PRELIMINARY QUESTIONNAIRES, APPROVAL AND CREATION OF THE DETAILED QUESTIONNAIRE



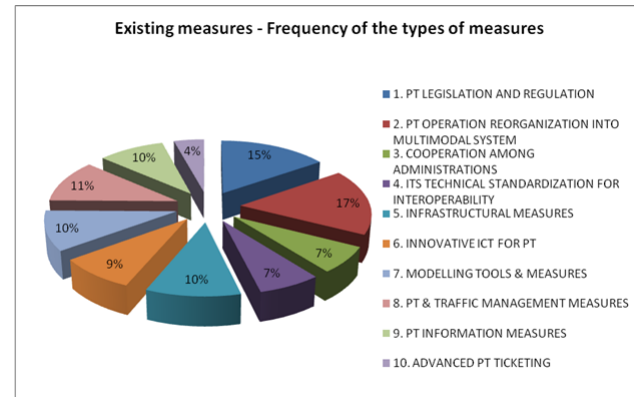
DEFINITION OF A PRELIMINARY QUESTIONNAIRE

- **Definition of infomobility policy themes for exchange - CDV**

- Each partner mapped its current and future wished positioning with regards to policy leverages for Infomobility

- **Joint methodology for best practices search and exchange**

- detailed plan, methodology and charts for the Good Practice search
- detailed plan for the organisation of all the Good Practice transfer orientated sessions
- Questionnaire for the collection of the Good practices



Activity 3.1.B

3.2a Good Practice search – Stage 1 Desktop identification of Good Practices	Commence desktop site search for 30 Good Practices in parallel with commenting on the methodology	16 th Nov 2012	All PPs to identify a minimum of 5 Good Practices each
--	---	---------------------------	--

3.1b Stage	Sub Heading	Detailed Measure	Included in Good Practice Measure (Tick relevant box)			
3.2a Good Practice	Measure	SubMeasures	Yes	Possibly or only in part	No	PP Comments
3.1b Stage		Access regulations (Access Control) and Limited Traffic Area (limited traffic area gates, permits / day processed by the police, temporary pedestrian area)				
3.2a Good Practice		Measurements & Requirements towards data providers (measures and requirements on PT data providers for gantries on services)				
3.2a Good Practice		Static data availability (legislation on providing static data by transport operators, as mandatory activities)				
3.2a Good Practice		Real time data availability (measures on ensuring real time data provision from the side of transport operators for specified subsectors)				
3.2a Good Practice		Rules of the regulator				
3.2a Good Practice		Electronic and books				
3.2a Good Practice		Financial regulation				
3.2a Good Practice		New organ form, work				
3.2a Good Practice		Rise organ quality, no				
3.2a Good Practice		Subcontract				
3.2a Good Practice		Medias, car				
3.2a Good Practice		Incidents				
3.2a Good Practice		PT services				
3.2a Good Practice		etc.)				
3.2a Good Practice		Organisati				
3.2a Good Practice		resources				
3.2a Good Practice		in case of a				
3.2a Good Practice		interviews				
3.2a Good Practice		interviews				
3.2a Good Practice		stages)				
3.2a Good Practice		equipment				
3.2a Good Practice		regulation				
3.2a Good Practice		providers				
3.2a Good Practice		activities				
3.2a Good Practice		activities				
3.2a Good Practice		ensuring it				

Activity 3.1.B

ANNEX 3

POLITE – INITIAL GOOD PRACTICE SITE SEARCH

DRAFT TEMPLATE

PART 1 – TO BE COMPLETED DURING THE PHONE CALL / VIA INITIAL EMAIL

POLITE Partner / Name of Researcher: ... / ...

City / Region:

Source of information: [Internet ; email ; Telephone]

Contact if named:

Good Practice Measure:

Good Practice Description: [overview of good practice and what makes it a good practice]

FOCUS ON THE GOOD PRACTICE SEARCH

Good Practice Source

Project Partner Benefit

Wider EU Dissemination Benefit

1 - Desktop – Good Practice studies published at EU level.

PP may not be aware of relevant published data.

None – Already published

Phase 1

2 - Desktop – Local / National studies published at local level (likely to be in local language).

Can be translated to benefit all project partners.

Translation allows benefit to wider audience.

3 - Questionnaire – Partners fill in a questionnaire with interview to good practice provider (but there is no site visit).

Brings new Good Practice and data collection, meeting the specific objectives of the PP's.

Phase 2

Brings new best practice to wider audience.

4 - Site Visits – Identification of new good Practice / add to existing published information on site with questionnaire.

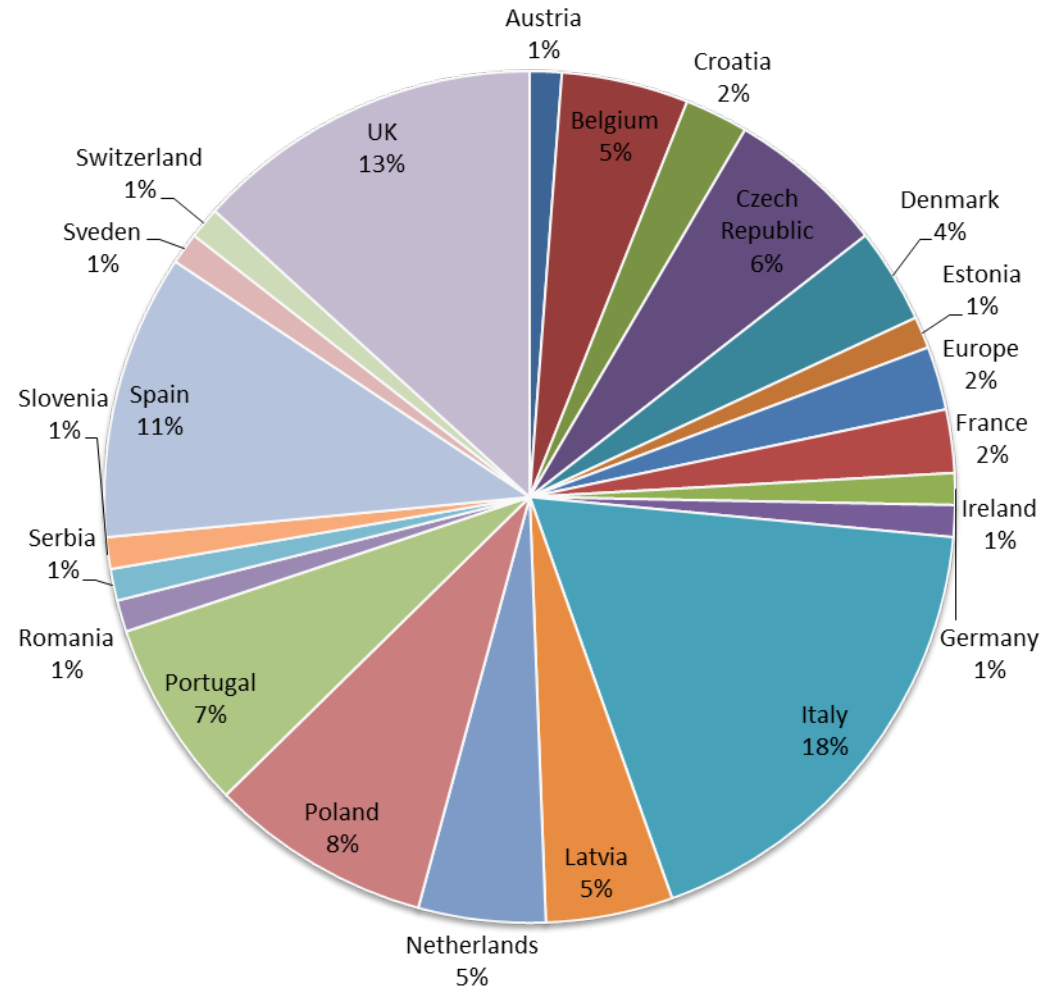
Brings new Good Practice and data collection, meeting the specific objectives of the PP's.

Phase 3

Brings new best practice to wider audience.

83 EU EXPERIENCES IDENTIFIED FROM POLITE PARTNERS WITH A DESK ANALYSIS

- From 22 Countries
- Mainly from Italy, UK, Spain and Poland
- Questionnaire from Partners received and analyzed by PoF



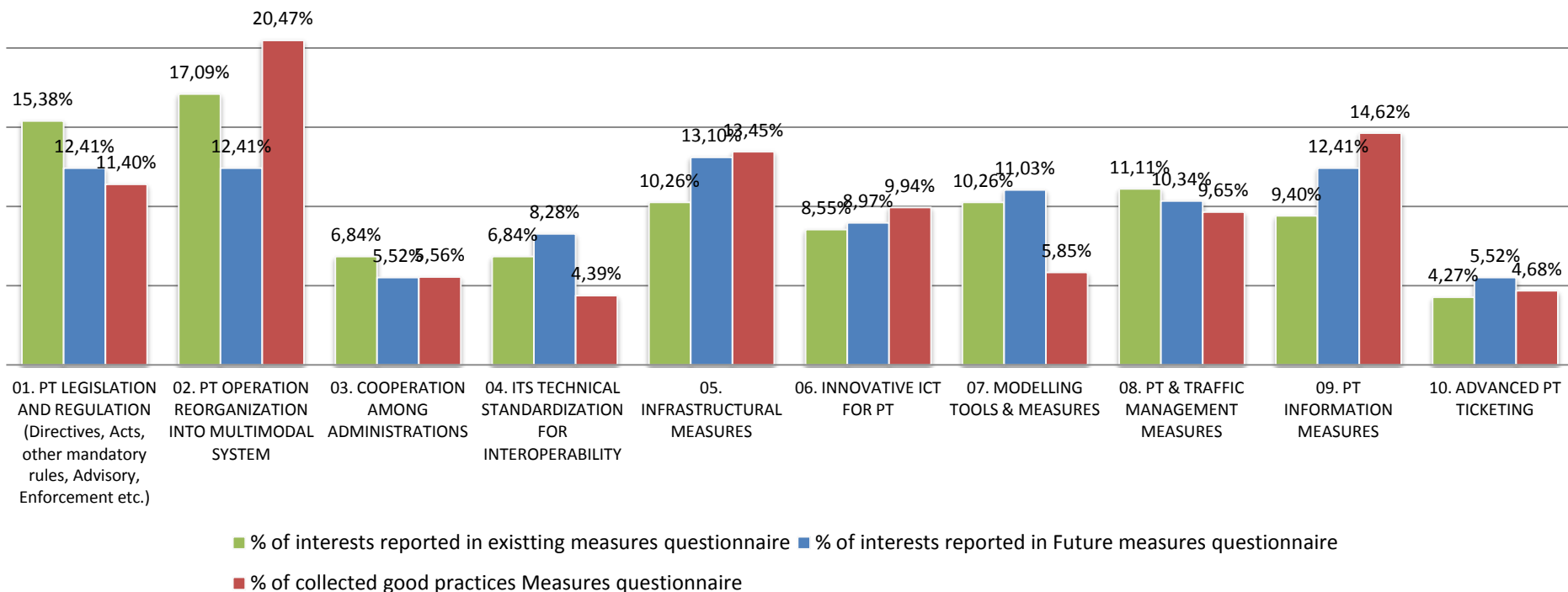
GOOD PRACTICE SEARCH - PHASE 2

PoF selected the main good practices considering:

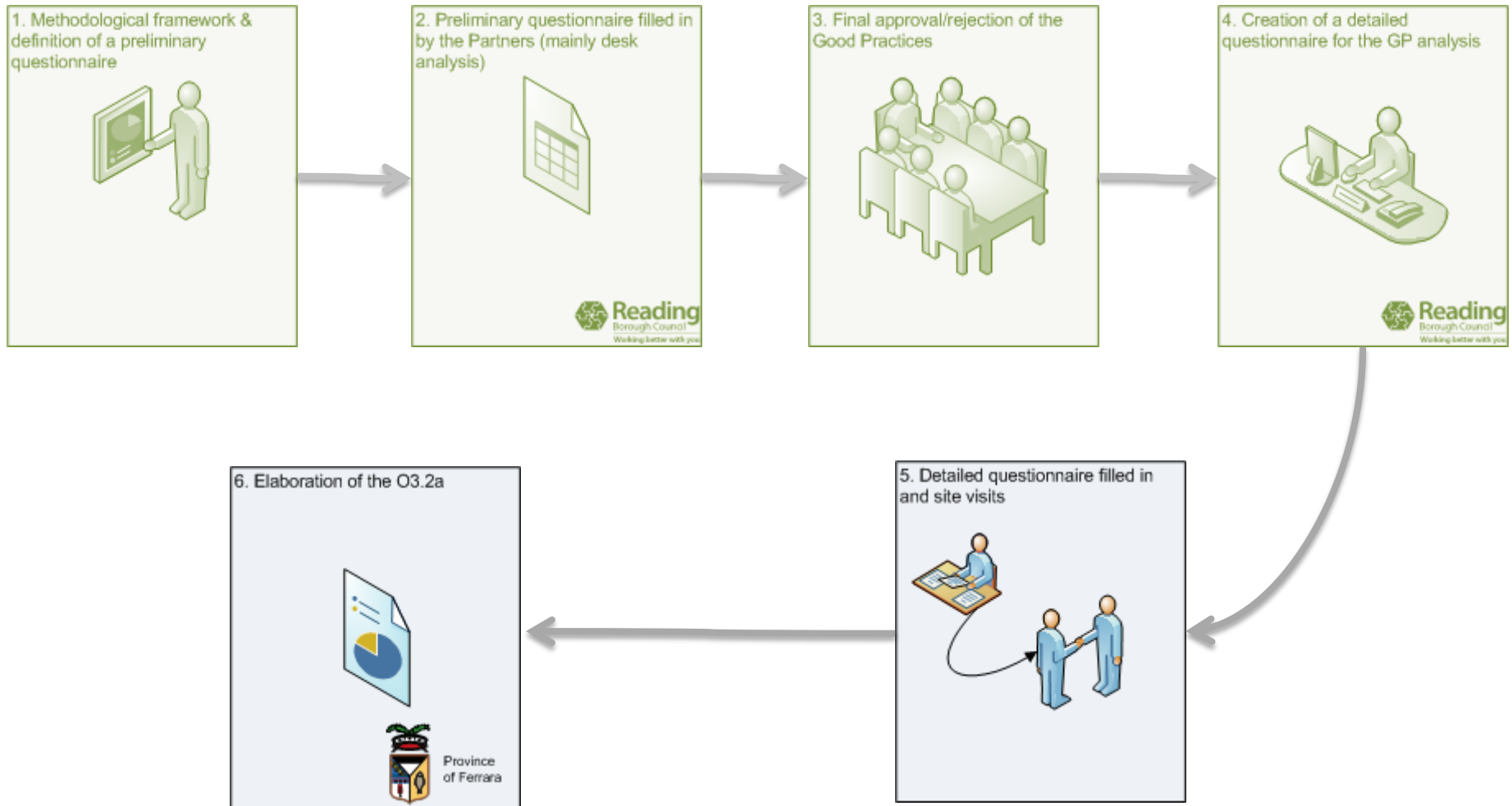
- Topics
 - Only experiences related to the POLITE project were considered
- Existing measures
 - Experiences in line with the background of the partnership
- Future/wished Measures
 - Experiences were also matched with the desired measures of the partners

GP SELECTION: MATCHING WITH THE WISHED MEASURES

- GPs are in line with the wished measures identified
 - GPs are classified on the base of policy intervention fields
 - GPs are analysed and benchmarked
 - Each PP defines its positioning with reference to the GPs



RESULTS FROM THE QUESTIONNAIRES AND SITE VISITS



MORE THAN EXPECTED

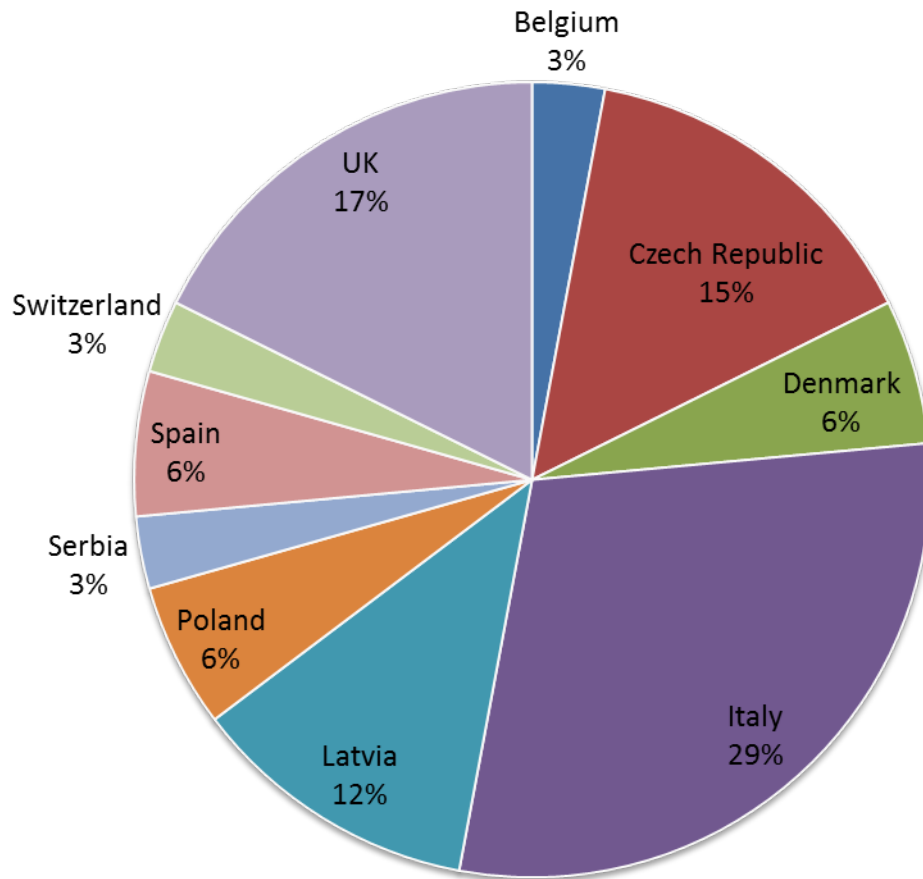
- 83 Experiences identified and analyzed
- **34 Good Practices** selected and described
- **9 site visits** to non partner sites

Topic ID	Country	Topic	Info	X
1. All events	IT-USA	Regione Emilia-Romagna	Info	X X
2. Efficient	IT-USA	Campania	Info	X
3. SmartContainer	IT-USA	Sardegna	Info	X
4. Modularity	IT-USA	Marche region - Ancona	Info	X X
5. Traffic Management	IT-AUT	Veneto	Info	X X
6. Information technology platform	IT-AUT	Emilia	Info	X
7. Traffic Management during big events	IT-AUT	Emilia	Info	X
8. 360° planning system of public transport operator	IT-AUT	De Lijn	Info	X
9. Modality and traffic management in time	IT-AUT	Belgium	Info	X
10. Big Data	IT-AUT	Netherlands region	Info	X
11. Big Data	IT-AUT	United States	Info	X
12. Good planning programs	IT-AUT	Belgium	Info	X
13. TSO-USA	IT-AUT	Spain	Info	X
14. National RTD - European BEST	IT-AUT	Spain	Info	X
15. TSO-USA	IT-AUT	Spain	Info	X
16. Public Innovation	IT-AUT	Spain	Info	X
17. To attract local working population	IT-AUT	Spain	Info	X
18. Big Data: resources and other big data applications	IT-AUT	Spain	Info	X
19. Smart Planning: lessons for Europe with learning Modularity	IT-AUT	Spain	Info	X
20. Big Data and use cases	IT-AUT	Spain	Info	X
21. Smart-based services: existing services in public transport	IT-AUT	Spain	Info	X
22. Information technology platform	IT-AUT	Spain	Info	X
23. Information technology platform	IT-AUT	Spain	Info	X
24. Information technology platform	IT-AUT	Spain	Info	X
25. Information technology platform	IT-AUT	Spain	Info	X
26. Information technology platform	IT-AUT	Spain	Info	X
27. Information technology platform	IT-AUT	Spain	Info	X
28. Information technology platform	IT-AUT	Spain	Info	X
29. Information technology platform	IT-AUT	Spain	Info	X
30. Information technology platform	IT-AUT	Spain	Info	X
31. Information technology platform	IT-AUT	Spain	Info	X
32. Information technology platform	IT-AUT	Spain	Info	X
33. Information technology platform	IT-AUT	Spain	Info	X
34. Information technology platform	IT-AUT	Spain	Info	X
35. Information technology platform	IT-AUT	Spain	Info	X
36. Information technology platform	IT-AUT	Spain	Info	X
37. Information technology platform	IT-AUT	Spain	Info	X
38. Information technology platform	IT-AUT	Spain	Info	X
39. Information technology platform	IT-AUT	Spain	Info	X
40. Information technology platform	IT-AUT	Spain	Info	X
41. Information technology platform	IT-AUT	Spain	Info	X
42. Information technology platform	IT-AUT	Spain	Info	X
43. Information technology platform	IT-AUT	Spain	Info	X
44. Information technology platform	IT-AUT	Spain	Info	X
45. Information technology platform	IT-AUT	Spain	Info	X
46. Information technology platform	IT-AUT	Spain	Info	X
47. Information technology platform	IT-AUT	Spain	Info	X
48. Information technology platform	IT-AUT	Spain	Info	X
49. Information technology platform	IT-AUT	Spain	Info	X
50. Information technology platform	IT-AUT	Spain	Info	X
51. Information technology platform	IT-AUT	Spain	Info	X
52. Information technology platform	IT-AUT	Spain	Info	X
53. Information technology platform	IT-AUT	Spain	Info	X
54. Information technology platform	IT-AUT	Spain	Info	X
55. Information technology platform	IT-AUT	Spain	Info	X
56. Information technology platform	IT-AUT	Spain	Info	X
57. Information technology platform	IT-AUT	Spain	Info	X
58. Information technology platform	IT-AUT	Spain	Info	X
59. Information technology platform	IT-AUT	Spain	Info	X
60. Information technology platform	IT-AUT	Spain	Info	X
61. Information technology platform	IT-AUT	Spain	Info	X
62. Information technology platform	IT-AUT	Spain	Info	X
63. Information technology platform	IT-AUT	Spain	Info	X
64. Information technology platform	IT-AUT	Spain	Info	X
65. Information technology platform	IT-AUT	Spain	Info	X
66. Information technology platform	IT-AUT	Spain	Info	X
67. Information technology platform	IT-AUT	Spain	Info	X
68. Information technology platform	IT-AUT	Spain	Info	X
69. Information technology platform	IT-AUT	Spain	Info	X
70. Information technology platform	IT-AUT	Spain	Info	X
71. Information technology platform	IT-AUT	Spain	Info	X
72. Information technology platform	IT-AUT	Spain	Info	X
73. Information technology platform	IT-AUT	Spain	Info	X
74. Information technology platform	IT-AUT	Spain	Info	X
75. Information technology platform	IT-AUT	Spain	Info	X
76. Information technology platform	IT-AUT	Spain	Info	X
77. Information technology platform	IT-AUT	Spain	Info	X
78. Information technology platform	IT-AUT	Spain	Info	X
79. Information technology platform	IT-AUT	Spain	Info	X
80. Information technology platform	IT-AUT	Spain	Info	X
81. Information technology platform	IT-AUT	Spain	Info	X
82. Information technology platform	IT-AUT	Spain	Info	X
83. Information technology platform	IT-AUT	Spain	Info	X

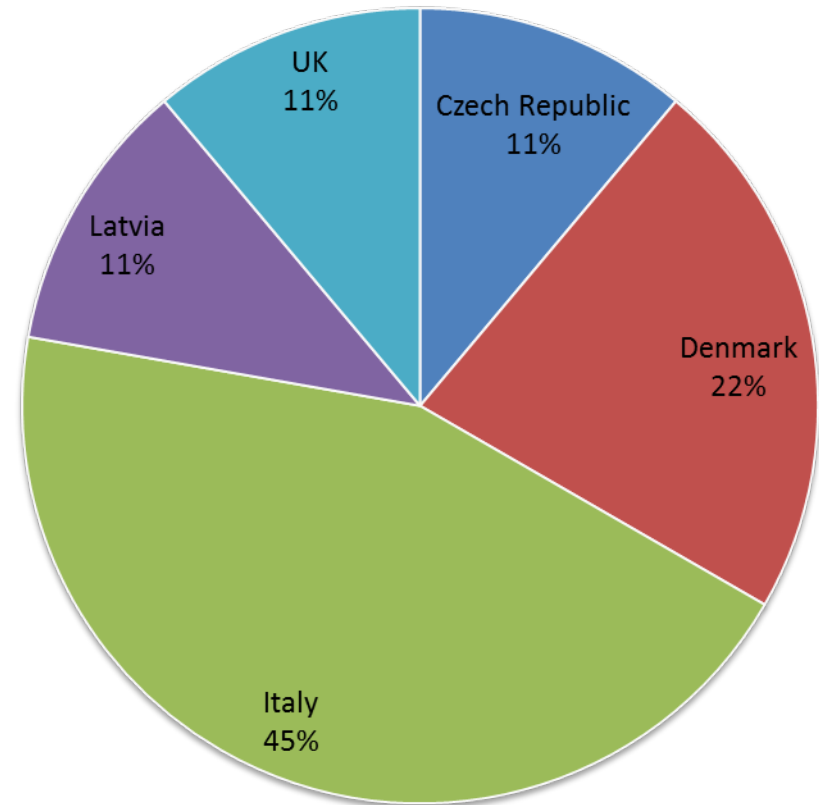


WHERE ARE THEY FROM

Good Practices



Site visits



POLITE GOOD PRACTICE REPORT

- More than 330 pages document including all the questionnaires filled in by partners and a light analysis
- Input for the POLITE transnational activities
- Starting point for the local implementation plan



RESULTS OF THE GP SEARCH: THE FERRARA EXAMPLE

Level

Description

Project

Each partner is going to finalize its own implementation plan

Ferrara

Province of Ferrara is going to implement the plan in cooperation with Emilia-Romagna Region not only in Ferrara but at a wider regional area

Emilia-Romagna

Emilia-Romagna Region, already committed in the POLITE project, is pushing the main municipalities of the region to use the POLITE results in the short time



PLANNING WITHIN POLITE & BEYOND

Tools

Questionnaire to the municipalities and meeting with them and the Emilia-Romagna Region

Timing

- Meeting with Municipalities Nov. 21st 2014 in Bologna
- Stable workgroup focused on Infomobility also in 2015

Area

Main cities including Bologna, Modena, Ferrara, Piacenza, Parma, Rimini, Cesena, Forlì and other over 50k inhabitants



WHY?

Emilia Romagna is one of the most productive regions in Italy with thousands of commuters travelling daily

- Check the status of ITS in ER: heterogeneous models are now applied in the region
- Objectives:
 - Harmonization of rules
 - Homogeneous data
 - Levelling of the regional ITS system fixing a starting point for the future infomobility development at regional level and no more only at city level

THANK YOU FOR YOUR ATTENTION



- domenico.casellato@provincia.fe.it



- [mimmo_casellato](https://www.skype.com/people/mimmo_casellato)



- +39 0532 299922



- gluppino@regione.emilia-romagna.it



- [giuseppe.luppino.itl](https://www.skype.com/people/giuseppe.luppino.itl)



- +39 051 527 3776



istituto sui trasporti
e la logistica
fondazione

