

TWIST PROJECT



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18th May 2006



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18 may 2006

Experimentation of an innovative transport system to improve mobility of disadvantaged people taking into account the efficacy and the economy of the service

TWIST

Transport With a Social Target

INTERREG III B - CADSES

code 3B091



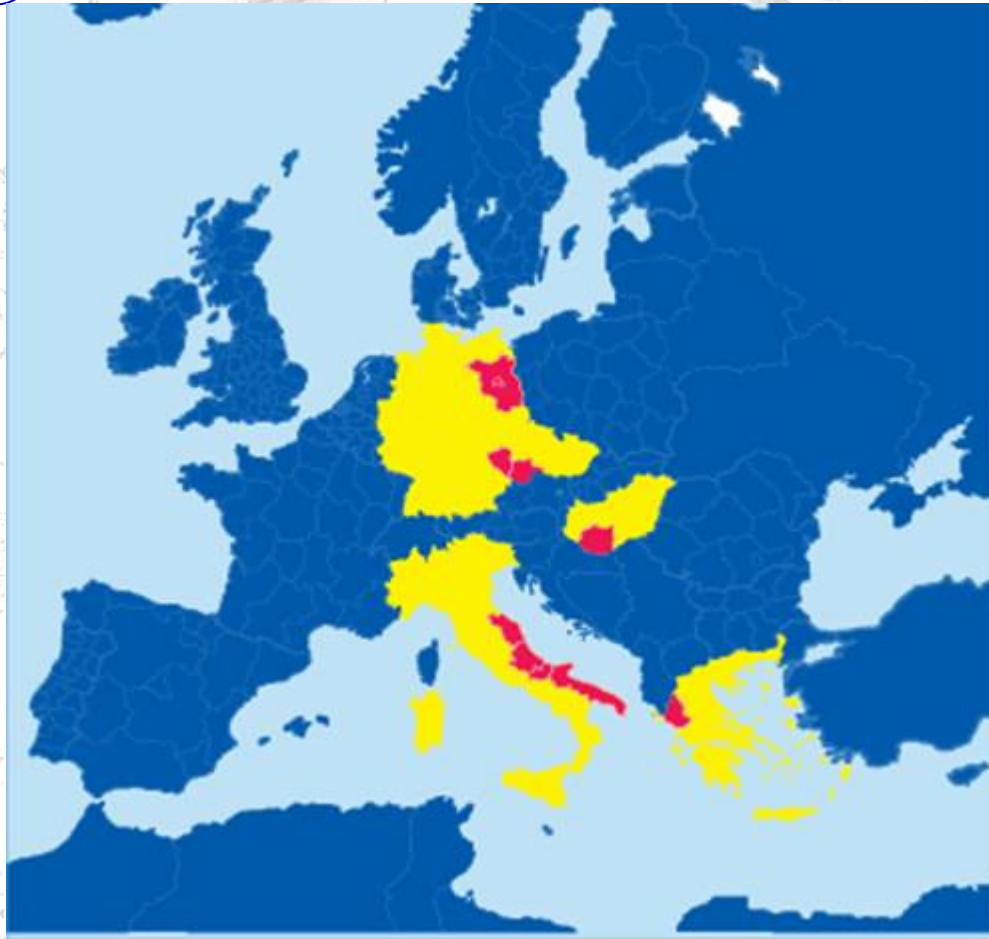
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Partners involved



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LEADING PARTNER

Abruzzo Region (IT)

PARTNERS

Marche Region (IT)

Molise Region (IT)

Puglia Region (IT)

Technostart (DE)

Oberhavel (DE)

Rio e V. (DE)

KTEL SA (GR)

Transdanubian R. I. (H)

Dopravní Podnik (CZ)

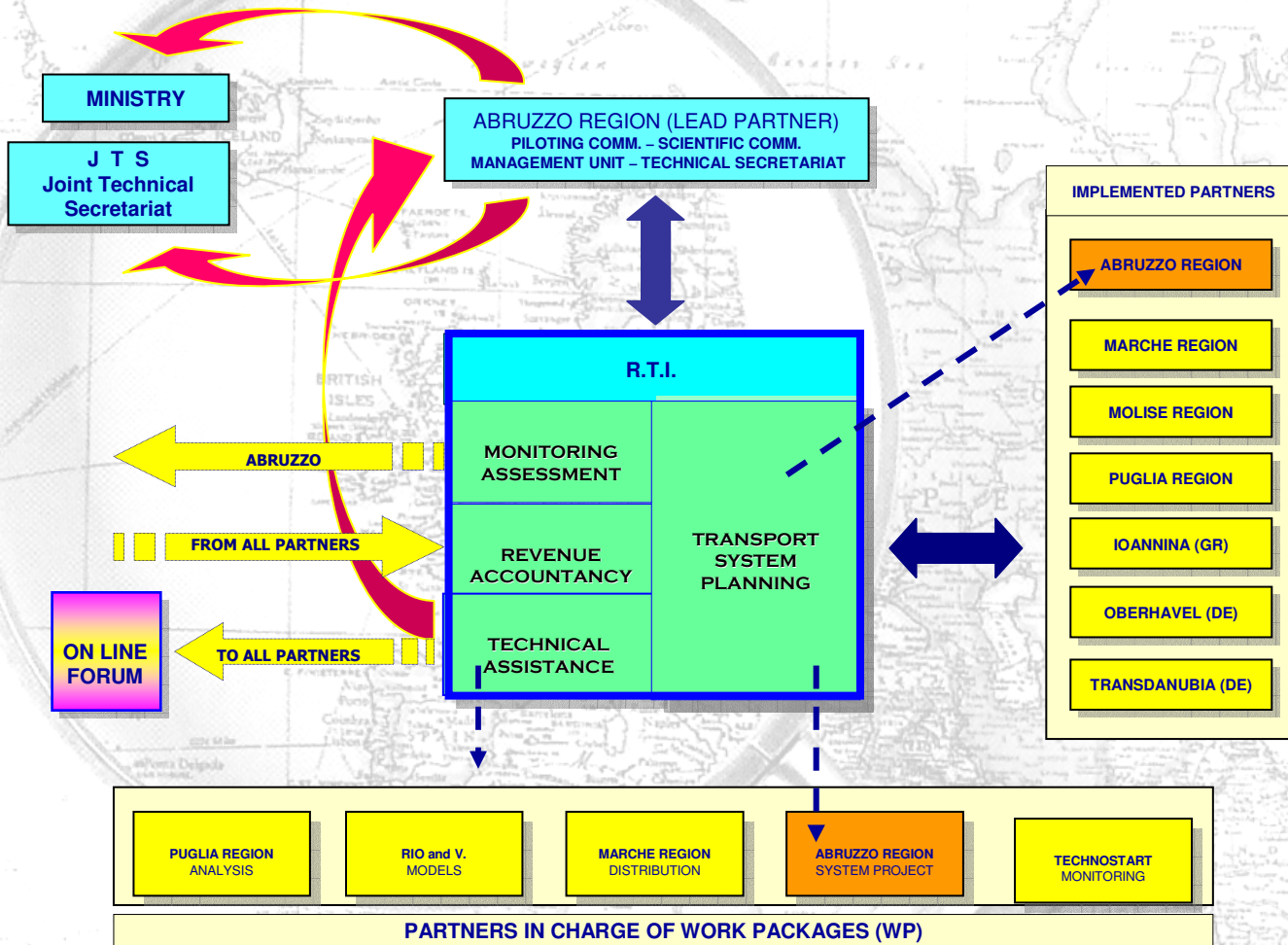


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Partners involved

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Specific Objects



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The TWIST project aims at reducing social exclusion from transport:

1. acting from a **geographic** standpoint, as to marginalization and scarce accessibility in internal, mountain areas and in urban area suburbs.
2. acting from a **social** standpoint, as to the exclusion of disadvantaged people from the right to move, due to reduced motor capacity or to social and economic reasons.



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Project Targets



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- Internal areas
- Urban area suburbs
- Mountain areas
- Elderly people
- Disabled
- Minors
- Emigrants
- Low income people



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Actions

- 1. Assessing social and economic conditions as well as transport demand and supply in the implementation areas**
- 2. Planning the system to implement with the technical assistance support**
- 3. Implementing the system**
- 4. Monitoring the implemented system**
- 5. Referring the testing results to the competent assessing bodies**
- 6. Turning the project into guidelines to convey to EU authorities so as to provide the basis for new sector strategies**

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Instruments

- Call transport systems
- Variable route transport systems
- Booking call-centre setup
- Application of information technology onboard through satellite systems
- Ticket-less systems
- Use of sms towards mobile phones
- Introduction of an integrated single ticket



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Steps

- **Analysing present transport systems and the current passenger demand**
- **Testing new models leading “local” disadvantaged systems towards a European quality standard**
- **Monitoring the new transport system through the systems agreed upon**
- **Reproducing the programming, managing and control system identified in all similar areas in EU**



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Social and economic analysis



Investigation fields

- population(5 ind.)
- territory(6 ind.)
- mobility(8 ind.)
- service networks(4 ind.)

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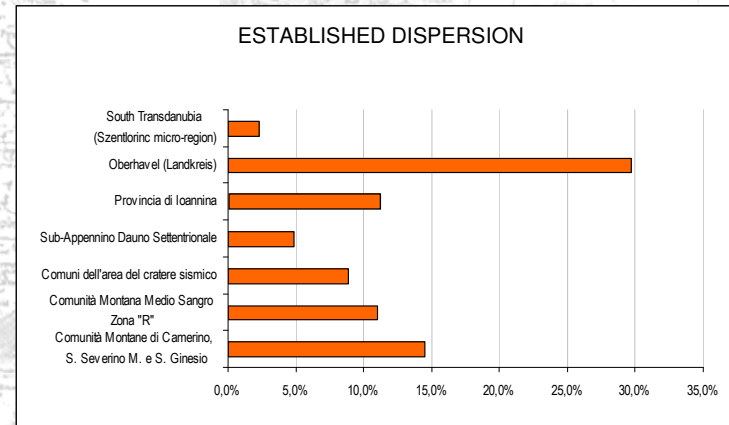
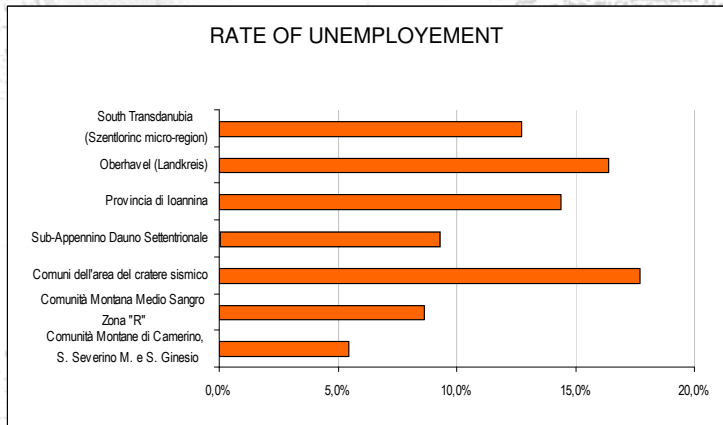
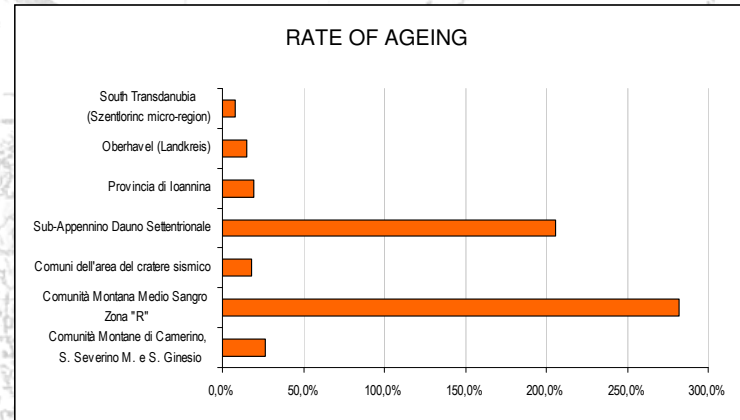
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Operational project

Implementation of the network graph

1. Assessment of the ordinary TPL service supply
2. New implementation of the existing ordinary TPL service network graph
3. Network graph drafting for the DRT service
4. Allocation of the potential non-systematical mobility O/D (*Pickup Point*) points:

Pickup Point intermodal

Pickup Point intramodal

Pickup Point attracting poles

Pickup Point generating poles

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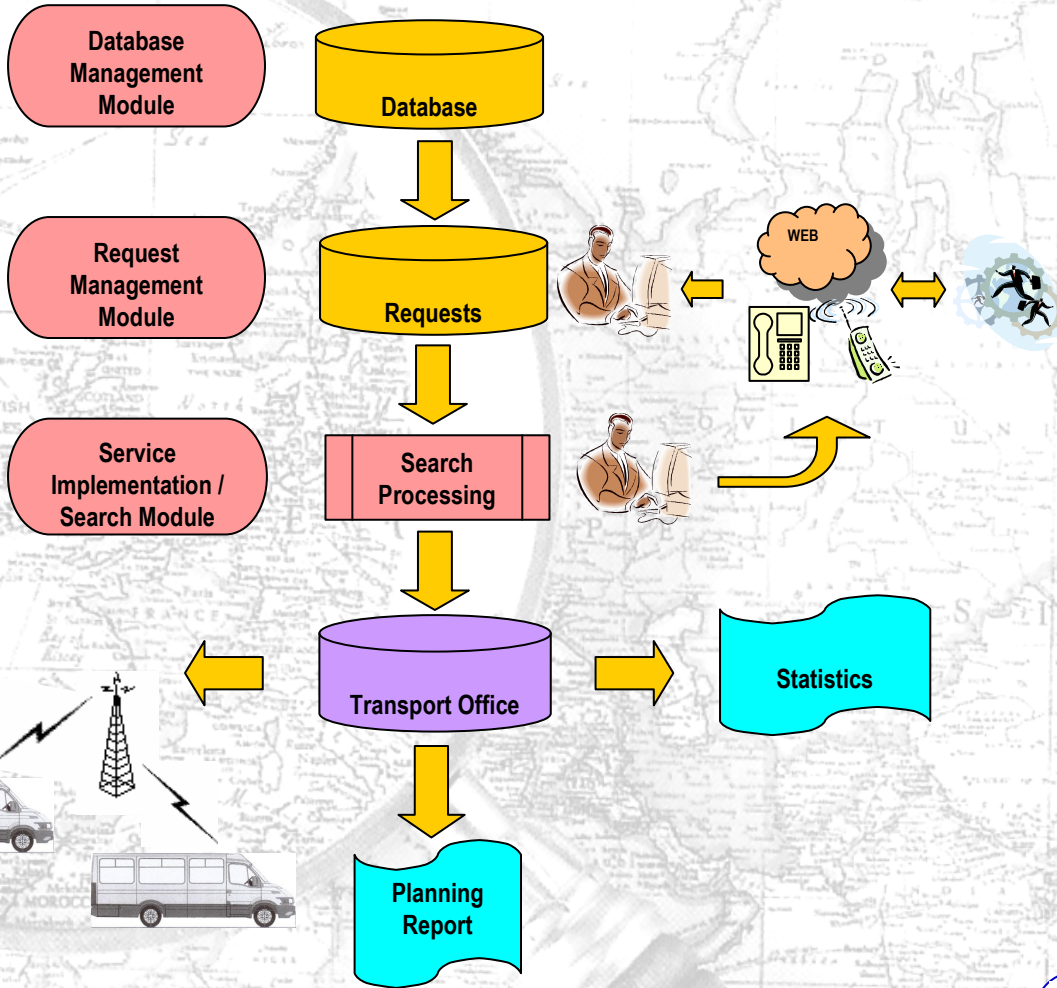
Operational project

Flexibility of the Demand Responsive Transport

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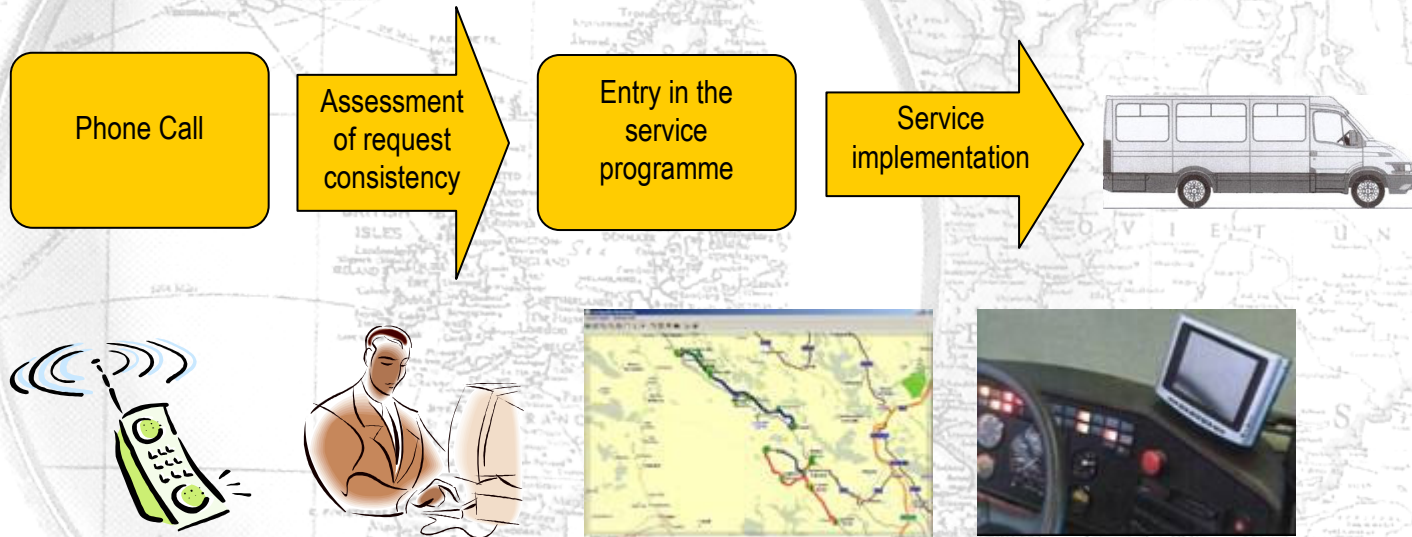


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Operational project

Interactivity of the Demand Responsive Transport



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Transferable model

TWIST aims at implementing a common transnational strategy for territory development in order to optimise transport organisation in disadvantaged and marginalized areas from both a geographic and environmental standpoint, according to local requirements and with the object of comparing and eliminating “regional” differences and disadvantages.

This specific object may be achieved through the possibility to reiterate the project in all European regions and to develop further actions at a EU level by the spreading of best-practices.

Testing results will provide a new way to organise and manage transport services in “weak” areas, granting the mobility and the circulation of people and goods, both within the weak areas and towards national and international transport systems, thus promoting economic activities and reducing migrant phenomena.

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