



Agencia Provincial de la
Energía de Granada.



OptiTrans
Interreg Europe



European Union
European Regional
Development Fund

GRANADA. On-Demand Transport

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On-Demand Transport. Regional Experience

In november 2015, the Regional Government started the “First Andalusian Interurban on-demand Public Transport program” and it was based on the existing taxi network within small municipalities and attraction poles.

The extinguishment of different Public Transport contracts, the increasing need of optimizing the costs of Public Transport, and the complication of renewing those contracts made the Regional Administration think on this new scheme.

This scheme was thought for municipalities with the following characteristics:

- Rural regions with low traffic**
- No existing interurban Public Transport service**
- Relatively short distances**
- Low population**

On-Demand Transport. Regional Experience

MAIN ADVANTAGES:

- **Currently the costs with taxi are 0,58 €/km on working days, and 0,69 €/km on weekends, while costs with buses are around 1,20-1,30 €/km. Citizen pays 8% of the trip, and administration 92%.**
- **As well the environmental impact of cars with 3-5 people are much lesser than bus or microbus services with low occupancy rates.**
- **Moreover, travel times are as well lesser with Taxi than with bus.**

On-Demand Transport. Regional Experience

MAIN CHARACTERISTICS OF PILOT Projects:

- **The planned route must attend Health, Educational, or Social needs of population**
- **The length of the route must be between 20 and 40 km.**
- **Minimum population to attend must be around 1.000 inhabitants.**
- **Adaptative routes to each pilot**
- **Cooperation among local administration, taxi associations, and regional administration**
- **Priority to municipalities of previous similar experiences with Public Transport**
- **Priority to municipalities without any Public Transport service.**

On-Demand Transport. Regional Experience

MAIN CHARACTERISTICS OF PILOT Projects. Operating companies:

- **Accesibility of vehicles, 35 points**
- **Car age, 18 points**
- **Seats in the Vehicle, 20 points**
- **Environmental measures, 10 points**
- **Security of vehicle, 10 points**
- **Planinng of Service, 7 points**

On-Demand Transport. GRANADA EXPERIENCE

GUALCHOS-MOTRIL

*Source: "I Programa Andaluz de Transporte Público Interurbano de Viajeros a la demanda con vehículos taxi en zonas de débil tráfico"

RUTA GR1: GUALCHOS - MOTRIL											
CARACTERÍSTICAS DE EXPLOTACIÓN DEL SERVICIO											
MUNICIPIOS Y NÚCLEOS	Gualchos: 600 hab										
ITINERARIO	Gualchos - Motril: 18 km										
FRECUENCIA DIARIA	4 servicios al día, 2 Ida y 2 vuelta.										
FRECUENCIA SEMANAL	2 días/semana: lunes y viernes										
HORARIOS DE SALIDA	Salidas desde Gualchos: 8:00 y 14:45 horas Salidas desde Motril: 8:45 y 14:00 horas										
TAXIS	2 (1 de Gualchos, 5 plazas; y 1 de Motril, de 5-7 plazas)										
COORDINACIÓN CON TP	No.										
DEMANDA POTENCIAL INICIAL	3 viajeros/día de servicio										
TARIFA AL USUARIO	1,65 euros										
MAPA DE LOCALIZACIÓN											
<table border="1"> <thead> <tr> <th colspan="2">SERVICIO</th> </tr> </thead> <tbody> <tr> <td>Distancia</td> <td>18 km</td> </tr> <tr> <td>Tiempo</td> <td>35 min</td> </tr> <tr> <td>Frecuencia</td> <td>4 exp./día</td> </tr> <tr> <td>Días</td> <td>Lunes y viernes</td> </tr> </tbody> </table>		SERVICIO		Distancia	18 km	Tiempo	35 min	Frecuencia	4 exp./día	Días	Lunes y viernes
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On-Demand Transport. GRANADA EXPERIENCE

CAÑAR-ÓRGIVA

*Source: "I Programa Andaluz de Transporte Público Interurbano de Viajeros a la demanda con vehículos taxi en zonas de débil tráfico"

RUTA GR2: CÁÑAR-ÓRGIVA	
CARACTERÍSTICAS DE EXPLOTACIÓN DEL SERVICIO	
MUNICIPIOS Y NÚCLEOS	Cáñar: 379 hab
ITINERARIO	Cáñar - Órgiva: 9 km
FRECUENCIA DIARIA	4 servicios al día, 2 Ida y 2 vuelta.
FRECUENCIA SEMANAL	3 días/semana: lunes, miércoles y viernes
HORARIOS DE SALIDA	Salidas desde Cáñar: 7:50 y 15:30 horas Salidas desde Órgiva: 7:30 y 15:00 horas
TAXIS	1 (de Órgiva) de 5 plazas
COORDINACIÓN CON TP	No.
DEMANDA POTENCIAL INICIAL	2 viajeros/día de servicio
TARIFA AL USUARIO	1,00 euros

Province recent activities

OPTITRANS PROJECT: Optimization of public transport for greening regional mobility

The main goal of OptiTrans is: Innovative solutions to increase the modal split share of public transport in suburban and rural areas

OptiTrans Key messages:

- OptiTrans supports transport planners and politicians.
- OptiTrans introduces novel transport policies through action plans.
- OptiTrans makes public transport more attractive to passengers.

CURRENT PHASE: Baseline Study, possibilities of MaaS schemes.

Province recent activities

Other activities:

- Air quality project preparation support
- Support to provincial government on Low Carbon Economy provincial projects on bike and pedestrian lanes
- Courses
- Electric Chargers
- Assesment
- Currently we are supporting around 17 municipalities (under 5.000 inhabitants) to buy electrical vehicles under 1389A2 provincial program

Opportunities: New Redes Inteligentes ERDF fund on mobility on the 25th September.

Province recent activities

Own promotion:

- Electric Bike rent for employees
- Courses
- Electric Chargers
- Assesment
- New “CicloGreen” contest on using bike to work from October till April 2018
- New Electric Chargers in the main building

Granada Energy Agency

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Thank you!

Questions welcome

