



IMPROVING ACCESSIBILITY OF SERVICES OF GENERAL INTEREST -
ORGANISATIONAL INNOVATIONS IN RURAL MOUNTAIN AREAS

Association pour le Développement du Nord Vaudois

Regional Intermediate Report Switzerland

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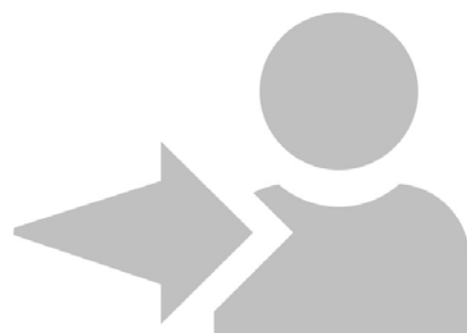


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1. Introduction

1.1. ACCESS: Project Background

ACCESS is an INTERREG IVB project developed in the framework of the Alpine Space Programme. It involves nine partners from Austria, France, Germany, Italy and Switzerland. The partners have come together to improve the accessibility to services of general interest (SGI) in sparsely populated mountain regions.

Problems to be addressed

The maintenance of a spatially and socially equal accessibility to SGI is a core issue to the functionality of mountain areas and any regional development strategy both on a national as well as on a transnational level. Already in the third Cohesion Report of the European Commission, it is specified that the equality of access to basic facilities, essential services and knowledge for everyone, wherever they happen to live, is a key condition for territorial cohesion. However the INTERREG III B project PUSEMOR confirmed that sparsely populated areas in all alpine countries are facing difficulties to maintain existing services due to their poor profitability and due to the need to respond to new or changing needs of the local population. The ongoing territorial concentration of SGI leads to a vicious circle of further deterioration in the quality of provision which in turn causes a decreasing demand in the existing services. This process has many negative consequences for the affected regions. In fact the withdrawal of SGI causes a reduced functionality, competitiveness and a higher amount of motorised mobility in communities of sparsely populated areas. Furthermore it aggravates social inequalities – persons who do not dispose of a car, not having the knowledge to use ICT etc. face problems to reach services. Often these areas are characterised by important population losses and/or excessive ageing. The main challenge for the concerned communities and regions is therefore the furthering of the access to demand-oriented and flexible SGI with innovative cooperation structures in order to capitalise best the potentials of sparsely populated areas. Mobility is an important issue in the whole framework. Contrary to a still widespread opinion this must not necessarily mean in every case physical transport of goods or persons but implies the promotion of integrated mobility systems (Report on the state of the Alps, Alpine Convention).

Objectives of the Project

The PUSEMOR project identified a major challenge and urgent need for action in the field of public transport and the accessibility of SGI. ACCESS therefore aims at improving the accessibility to SGI in sparsely populated mountain areas by finding 1) new forms of organisation of SGI (e.g. substitute stationary services with mobile ones, improving governance) 2) using ICT (e.g. broadband internet access) and 3) fostering demand oriented, integrated mobility systems.

The project is guided by the following objectives:

- a) Improve the competitiveness and the quality of life in sparsely populated areas – as a precondition for maintaining and attracting new inhabitants and SMEs by making use of the potentials of these areas (environmental quality, heritage, culture).



- b) Develop models that will contribute to regional development and spatial planning, (e.g. efficient use of infrastructures, networks and cooperation between centres and rural areas).
- c) Mitigate social inequalities in the access of SGI and reduce environmental pollution.
- d) Test and apply various elements of the concept of governance in order to empower the population and to ensure that society owns the process.
- e) New approaches to providing services will be tested and put into practice in all test areas. They will be based on the demands of the local population and Enterprises and be developed together with the service providers.

Workpackages and time schedule

ACCESS is structured along eight workpackages with specifically defined objectives, activities and outputs. Fig. 1 gives an overview on workpackage themes and time schedule, WP 5 will be described in detail in the following section. This report constitutes the final product of WP 5.

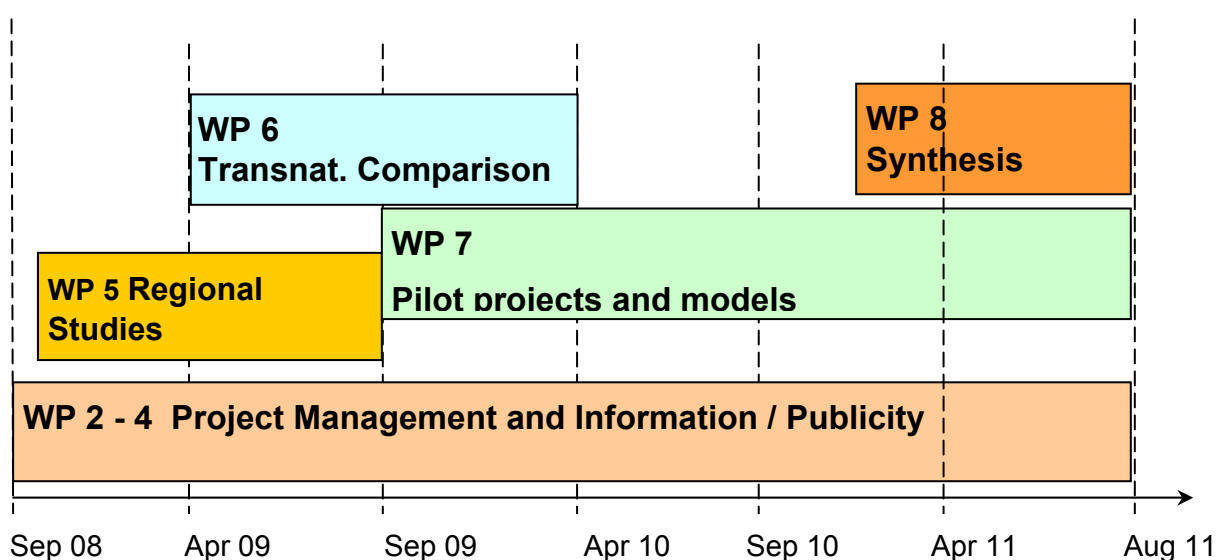


Fig. 1: Workpackages and time schedule of the ACCESS project

1.2. Work Package 5 Regional Studies: Goals, Objectives and Activities

General Objective

This workpackage aims at clarifying the degree of accessibility and the users need with regard to SGI in selected areas (1 – 3 test areas per participating region). Furthermore, an inventory of best practices to improve the provision of SGI in sparsely populated areas is drawn up. This WP also benefits from the results and experiences gained in the regional analysis of the preceeding PUSEMOR project.

Activities

The activities taking place within WP 5 can be structured as follows:



- To elicit methodologies how to approach best local actors in order to assess their needs and to mount projects (largely based on the PUSEMOR approach)
- Improvement of the approach of regional studies used for PUSEMOR and to analyse demand and supply as well as the accessibility of SGI in selected test areas
- Search for best practices
- Data collection, based on (a) evaluation of available literature / materials, (b) expert interviews in order to draw a picture of the economic, political and institutional framework
- Elaboration of Regional Intermediate Reports

The envisaged outputs are:

- **Output 1: Identification of Test Areas:** When identifying the test areas, the general guidelines and criteria of the project have to be complied with (e.g. with regard to organisational aspects, test area size etc.). Primarily areas were chosen which are considered less-favoured from a regional viewpoint. With regard to SGIs, the test areas have to be coherent functional, administrative and organisational units. A comparison within the region is possible by the application of statistical indicators. The identification of the test areas is the responsibility of the regional project partners.
- **Output 2: Common Methodology to Approach Local Stakeholders:** Internal communication is guaranteed by the continuous involvement of important institutions such as local regional development agencies, representatives of the local authorities (mayors) and representations of interest groups (chambers) as well as providers of SGIs. There are regular working group meetings at the regional level and in the test areas. Expert interviews are conducted to obtain the opinion of important individual stakeholders.
- **Output 3: Current Standard of SGIs:** The current standard of SGIs is mainly the result of national or even regional decisions and practices. Therefore, the legal, organisational and actual criteria of access to SGIs may differ considerably when the project partners are compared. These differences can be highlighted by drawing up thematic maps using uniform classification systems at the transnational level.
- **Output 4: Assessment of Users Needs:** Access to SGIs is determined by the relationships between supply and demand. Major factors are the spatial situation (location – reachability), the social context (services provided – demands) and the economic situation (price – income). Data collection and conclusions on consumer behaviour have to be as differentiated as possible, e.g. with regard to social aspects according to age, gender and income.
- **Output 5: Detailed Description of Good Practices (form):** The questionnaire employed to describe good practice examples is a standardised transnational instrument.
- **Output 6: Outline of the Relevant Framework Conditions:** The answer the question of access to SGIs, the fields of public transport, ICT and every day needs have to be investigated. With regard to organisation, the positions of the public authorities awarding contracts for



SGIs and the (sometimes private) providers of SGIs are relevant. A reaction to the expected differences in the situation of the users when it comes to access to SGIs is to include interest group representations and local stakeholders.

2. Country Profile: Switzerland

2.1. Territorial Organisation

Switzerland has 4 political-institutional levels : 1 nation, 26 cantons, 175 districts, 2815 municipalities. The federalistic principle assures considerable autonomy on the cantonal and municipal level, cantons and municipalities do request taxes and have their own executive and legislative organs. Municipalities have a wide range of competences in the following domains of the public sector: education (primary and secondary school), water, electricity, waste management, social and health care (in agreement with the cantons), constructions and municipal roads and organisation of the administration. However, cantonal and national laws set the framework for decisions in these fields. To provide public services properly, especially small municipalities often collaborate in so called regional associations. In the context of the introduction of the new regional policy in Switzerland (Neue Regionalpolitik), these entities have changed their perimeters as well as their functions and responsibilities. They have in common that all of them promote the sustainable development of their municipalities; in return the associations receive funding from the Confederation and the cantons.

2.2. Spatial Policies in Switzerland

The Confederation has the responsibility for the framework legislation on spatial planning. However, practical planning implementation is essentially a matter of the Cantons, which in turn often delegate a number of tasks to the municipalities (local authorities). In addition to this federal framework legislation, the Confederation promotes and coordinates the spatial planning of the Cantons and also takes into consideration the "demands" of spatial planning in its own activities. The limited legislative responsibility of the Confederation leads to a variety of spatial planning concepts and instruments. In the next two years - after a duration of more than 30 years - the law on spatial planning should be reviewed and adapted to today's challenges.

2.3. Roles and Responsibilities in Services of General Interest(SGI) Themes

2.3.1. Public Transport, ICT and every day needs

As most european countries also Switzerland has faced a growing liberalisation of public services in the last ten year. This phenomenon is rather advanced in the ICT (telephone, radio, television) and in some sections of transports (busses), wherear in the field of postal services or health care, the liberalization process is much slower. However, in all sectors, the former public



enterprises remained until today the most important players, having kept monopolistic positions in most markets. In other words, this is not a "liberalization" but an "economic reregulation" of the public services which means the economic aims and principles become more important while the principle of equality between all regions and social groups is more and more queried.

3. Regional and Test Areas Profile

3.1. Geographical Situation

3.1.1. Topographical Specifics of the Test Area Nord Vaudois

The administrative district Nord vaudois represents 11.4 % of the population of the Canton of Vaud. It is part of a district called Jura Nord vaudois that includes 83 communities, dispersed in the plain and in the Jura mountains. The region Nord vaudois has been defined as the test area for this study, it contains almost the whole district, with 80 communities. The region spreads from the lake of Neuchâtel up to the Jura mountain area that means from about 450 to 1250 masl.

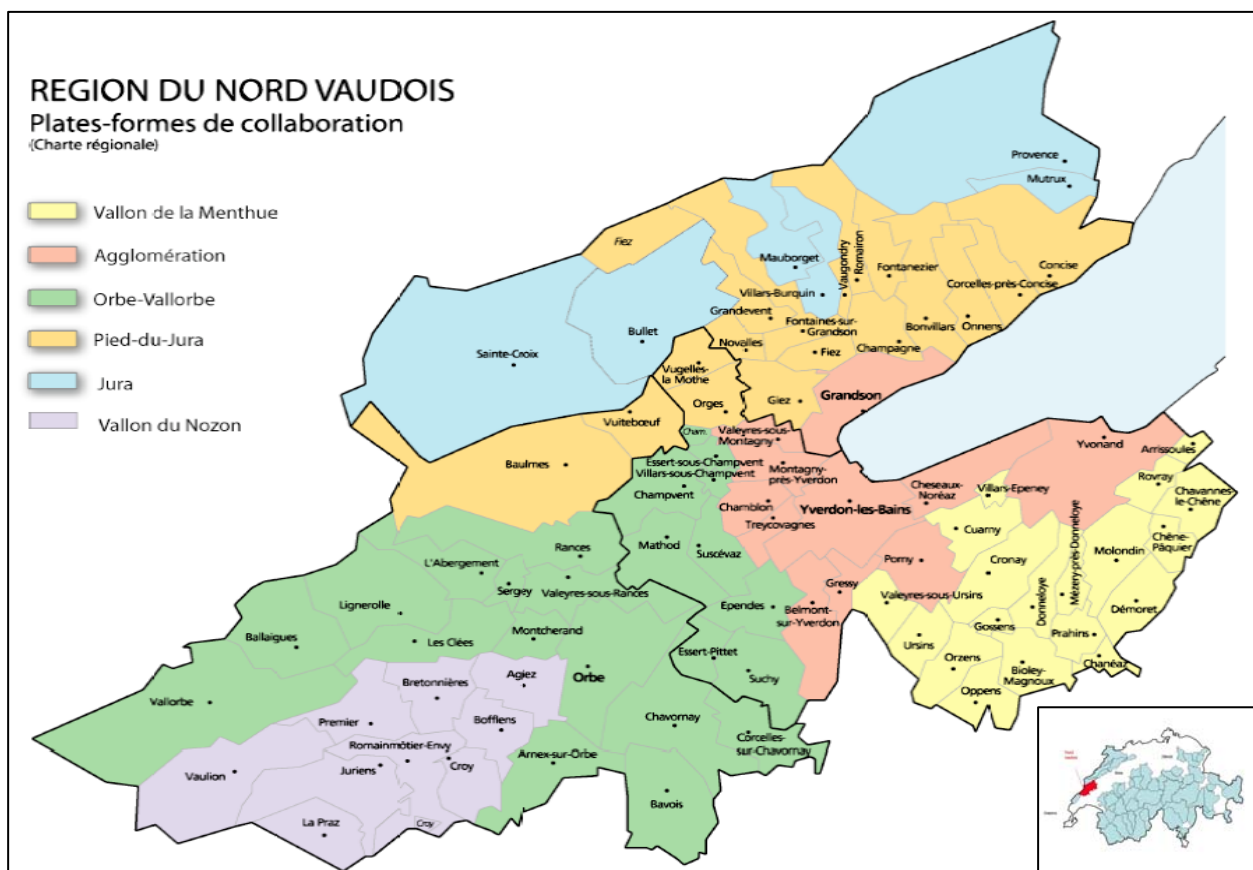


Fig 2: Map of the test area region du Nord Vaudois

Yverdon-les-Bains, with 26'000 inhabitants, is the economic and cultural center of this region of 70'000 inhabitants, that means more than 1 of 3 three inhabitants of the regional population live in this center. Other towns such as Orbe, Chavornay, Ste-Croix and Vallorbe, counting between



4'000 and 6'000 people. Land cover is characterised by 44% forest, 49% agriculture, 6% residential area and 1% unproductive land.

3.1.2. Settlement Pattern of the Test Area Nord Vaudois

The region is characterised by a large number of small villages (3/4 of the 80 communities have less than 500 inhabitants). This results in a relatively low percentage (61.5 %) of resident population that live in compact settlement patterns with more than 500 inhabitants (see also map in appendix 7.1). The settlement area per capita in the Nord Vaudois region of around 650 square meters is far above the Swiss average of 397 square meters (Federal Statistical Office (FSO) Arealstatistik 1997, ESPOP)

3.1.3. Role of the Major Settlements in Test Area Nord Vaudois

The main city of Yverdon-les-Bains represents 1/3 of the regional population. Yverdon-les-Bains is the center of the district with a lot of employment in administration, education and services. It is the major connecting point to the national public railway and highways network. Regarding to regional public transportation, Yverdon-les-Bains is an important hub for regional buses that provide connections to almost all villages. Public facilities are well developed. Other important centers are Ste Croix and Orbe, they provide SGIs also for the inhabitants of the surrounding municipalities.

3.2. Demographic Development of the Test Area Nord Vaudois

In 2008, the population of the whole canton Vaud has increased by 16341 which represents +2.4%. This phenomenon is mainly due to the economic growth in 2008 combined with the agreement on the free movement of persons introduced in Switzerland in 2002. The growth of population in the test area was slightly below the average of the canton (2.3%) (SCRIS, nr 2, 2009, <http://www.scris.vd.ch/main.asp?DomId=191>). The map (fig 2) shows, that between 1997 and 2007, 38 municipalities out of 80 have an annual population development of above 1 %. These municipalities are heterogenously spread and include very small as well as bigger municipalities (from Vaugondry 39 inhabitants to Orbe 5532 inhabitants). The biggest town – Yverdon - as well as other important centers such as Ste-Croix and Vallorbe are in the second highest class of population growth.

With regard to the old-age Dependency Ratio (population elder than 64 years divided by the number of persons of working age), it can be said that the class having a share of below 20%, surprisingly includes a great number of very small municipalities (mainly below 500 inhabitants, with the exception of Chavornay). The 22 municipalities with the highest old-age Dependency Ratio (> 27 %) are heterogenously spread and do only in few cases match with those municipalities having a negative population development (Fontanezier, Cheseaux-Noréaz,



Démoret and Premier). Concerning the young age dependency ratio (ratio of the most actual Population younger than 15 years divided by the number of persons of working age) - among the 32 municipalities with a percentage above 28% - one will find relatively small municipalities (mainly below 500 inhabitants) and no bigger centers (exception of Yvonand).

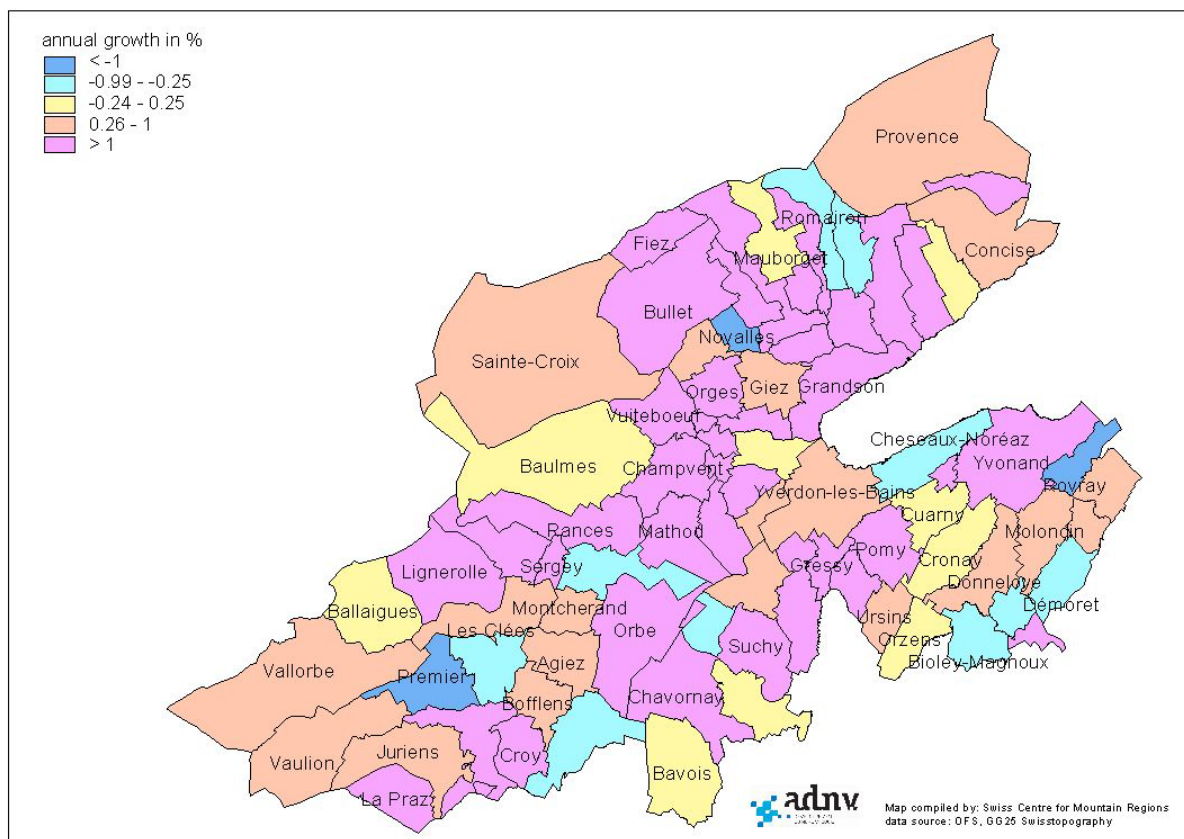


Fig.3: Population development 1997-2007 in test area Nord Vaudois (Source FSO)

3.3. Socio-Economic Situation

3.3.1. Economic Structure

The ratio of the total of resident and working population as well as the number of touristic overnight stays (entire year) divided by the number of the resident population results in the maximum population ratio. The map below (fig 3) shows the spatial distribution of the Maximum Population ratio. The highest values can be observed in the municipalities Onnens, Essert-sous-Champvent und Montagny-près-Yverdon. Those municipalities are characterized by a high share of commuters in relation to their relatively small residential population, having for two of them (Essert-sous-Champvent and Onnens) one big enterprise that attracts commuters. The second highest class includes the centers such as Yverdon, Ste Croix, Orbe and Grandson as well as municipalities such as Champagne, Cheseaux-Noréaz and Ependes which offer many employment opportunities on their territory. The two classes described above stand for a balanced economic structure. The class with a maximum population ratio of less than 74 represents municipalities with a modest or no relevant touristic development, a small number of



people working inside the municipality and a high ratio of commuters working outside of the municipality.

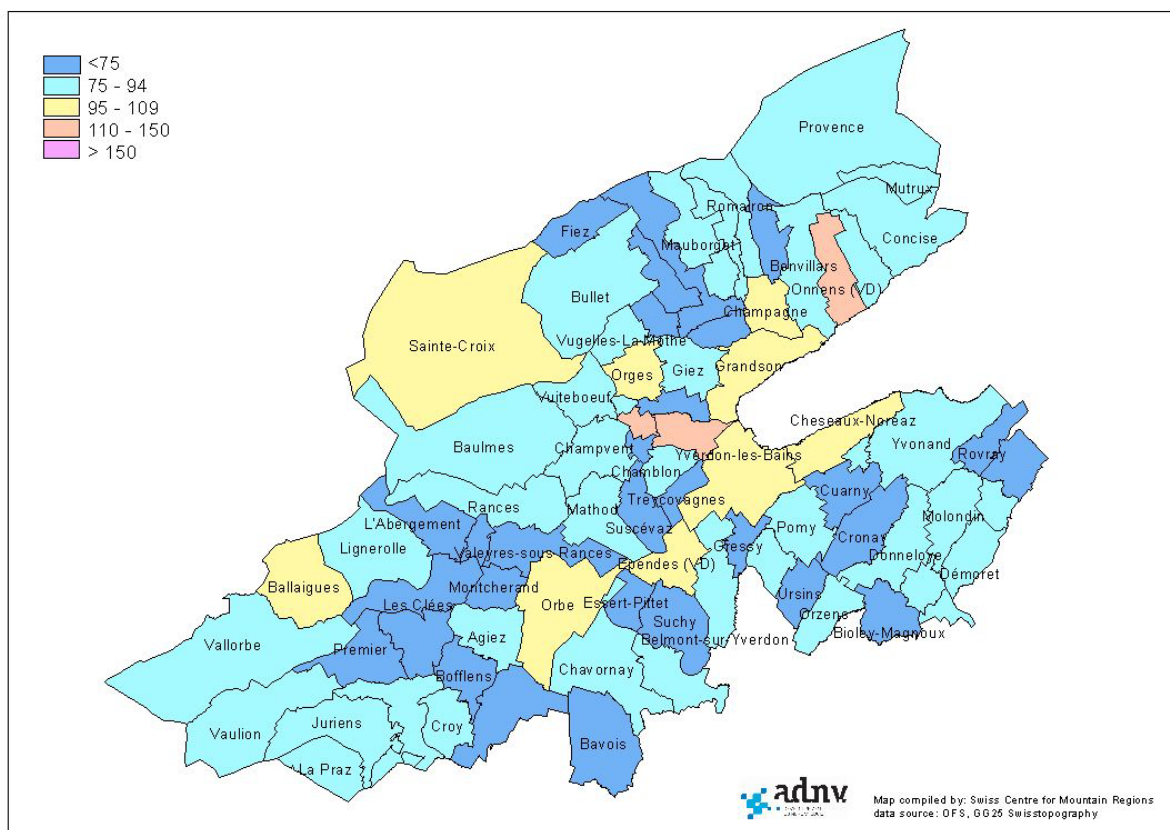


Fig 4: Max Population ratio in Nord Vaudois (Source: Etat de Vaud, FSO)

The region Nord vaudois has a long industrial tradition, especially in fine mechanic, changing these last decades to electronic, medical instruments and supplies, injection and plastic. 8 % of the employees work in the primary sector, 28 % in the secondary sector and 64 % in the third sector. Compared to the other regions of the Canton of Vaud, the Nord vaudois has a higher number of jobs in the primary and secondary sectors (5 %, resp. 19 % for the Canton) and fewer jobs in services (Vaud 76 %).

The industrial sector is export-oriented, 72 % of the jobs are linked to European or worldwide markets. Since last year, the economic growth came to a standstill and as a result the unemployment rate has reached in July 2009 5.7 % for the district and 7.9 % for Yverdon

Services are concentrated in Yverdon-les-Bains (education, medical care and social services) and also in other subcenters. Yverdon-les-Bains is becoming an important pole in education and training with an important technical and marketing school (heig-VD).

In the flatland (Plaine region), the primary sector is specialized in crops, vegetables and wine production as the region of Jura and Jura foothills are dedicated either to mixed farms or to milk or animal production. The farms in the mountainous part of the region are, with an average of



50 ha – in Swiss terms - quite large. In the secondary sector, the part of food industry is significant regarding to other regions, especially in Orbe and Champagne.

3.3.2. Commuting to and from Work

Most Nord vaudois inhabitants work within the region (85 % of the active population). Two thirds of the jobs of the region is occupied by residents of this area. Within the district, the mobility rate is growing and more than 60 % of the population leave daily their place of residence.

3.4. Development of Tourism

The region is not a traditional touristic area, it counts 7 small touristic centers (Grandson, Orbe, Romainmôtier, Ste-Croix, Vallorbe, Yverdon-les-Bains and Yvonand). According to statistics, only one of the 80 municipalities (Mauborget) represents a touristic structure with a certain amount of secondary homes. In summertime, camp-sites around the lake attract many tourists and some communities (Yvonand, Cheseaux-Noréaz, Grandson) are confronted with a seasonal growth of the annual population from 20 up to 35 % in July and August. Tourism in the region is characterized by daily and business tourism. In Yverdon-les-Bains, hotels have an average occupation rate of over 60 % during the week. Half an hour away from the Geneva lake region, the Nord vaudois aims to benefit more from the international attractivity of this area. Tourism represents 7,5% of the GDP. 30% of the tourists are foreigners, 70% are Swiss.

In 2009, the 7 touristic centers of the region have been reorganized and integrated in one new organization.

The main orientation of the new touristic strategy of the region is to promote

- ⇒ Sustainable tourism emphasizing the numerous natural sites and ressources of the region
- ⇒ Complementary offers between lakeside of Neuchatel and the mountains of Jura
- ⇒ Develop the number and quality of overnight offers
- ⇒ Improving the accessibility of the different touristic sites by public transportation.



4. Services of General Interest(SGI) in the Test Areas: Description, Evaluation, Problems and Perspectives

4.1. Methodology of Evaluation of Services of General Interest

Most of the data has been provided by the FSO and the Service cantonal de recherche et d'information statistiques (SCRIS) of Canton Vaud. The settlement concentration has been revealed by identifying compact, built settlements on the land use plan (<http://www.geoplanet.vd.ch/index.php>). The result has been divided by the built surface at disposition per capita in the test area. ADNV recorded updated information on bus lines and rail tracks as well as stops and stations for the regional reachability analysis. On this basis, the concrete offer of public transport in the test area has been deduced. The Regional Reachability (Individual Traffic and Public Transport, Indicators 6a and 6b) reveals the time spent in order to reach the next regional center (Yverdon-les-Bains) by individual/public transport. The calculation of the average of the test area is weighted by the (local) resident population without the regional center (Pop act 2007 – Yverdon-les-Bains = 45215 inhabitants). The same procedure has been applied for the calculation of Indicator 7, Maximum Frequency Public Traffic. For further details please refer to the description of indicators in the Appendix 7.3.

Interviews held with experts and majors in the year 2005 and 2009 were included to complete and analyse the data collected. The entire data collection has been guided by a data description and by a set of indicators described in detail in the appendix 7.2 and 7.3.

4.2. Situation Transport: Public Transport in Test Area Nord Vaudois

The indicator “Regional Reachability of Individual Traffic” shows how much time (minutes) is needed to travel from a specific location to the next regional center by individual motorised traffic means. The investigation reveals that the inhabitants of a large majority of the municipalities can reach the next center by means of individual motorised traffic in less than half an hour (Fig 4). Only two municipalities – Vaulion and La Praz – fall into the class of more than 30 minutes. These results show that the distances in the test area are relatively short and the road network is well developed. Yverdon is a center itself and appears yellow because the city is at least 30 min. away from the next center (Lausanne).



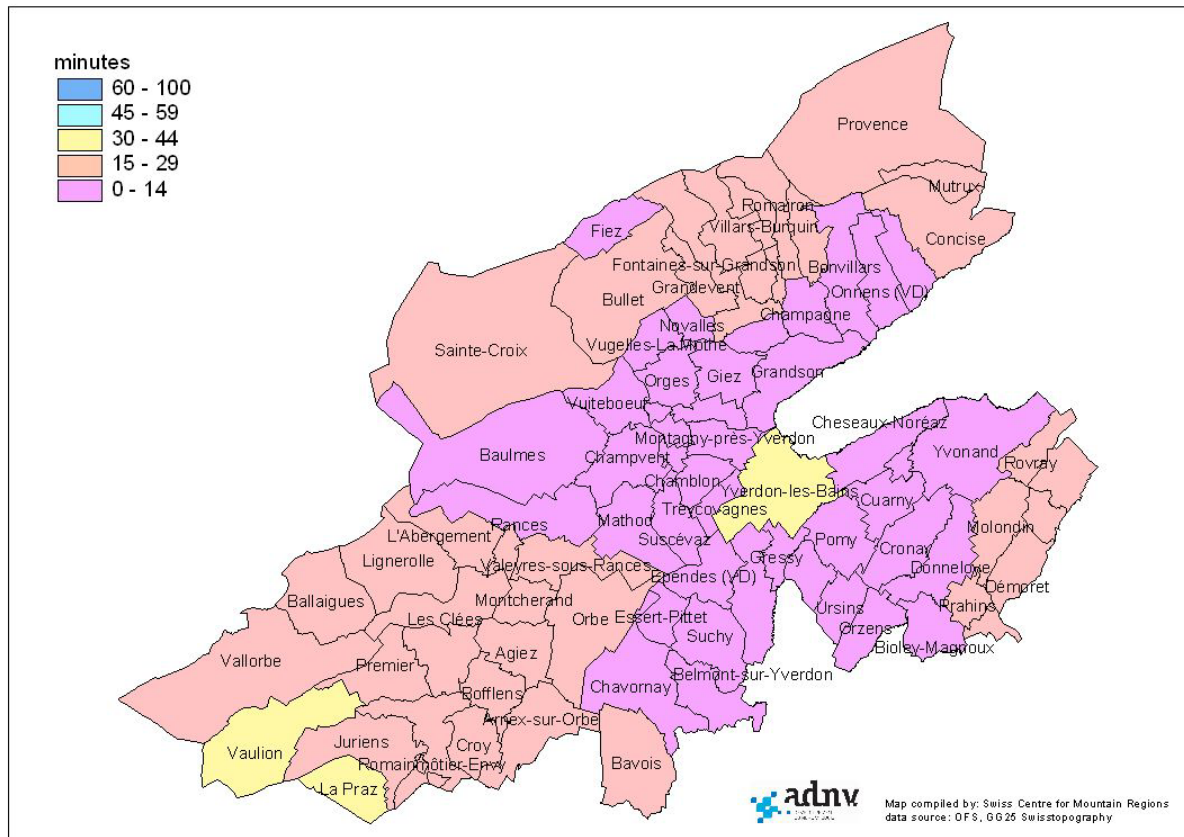


Fig.5: Regional Reachability of Individual Traffic (Source: ADNV 2009)

With regard to the Regional Reachability in Public Transport the picture is slightly different. In general the reachability is highest (0-15 minutes) around the lake and along the railway-axis going to Lausanne the second biggest city in Western Switzerland (Fig 5). The more mountainous part of the test area is ranked in the third class of reachability (30-44 minutes). In the Western part of the test area, the offer in public transportation reveals with more than 45 minutes the lowest Regional Reachability in Public Transit. Again, Yverdon is a center itself but appears orange in the map because the city is at least 15min away from the next center.



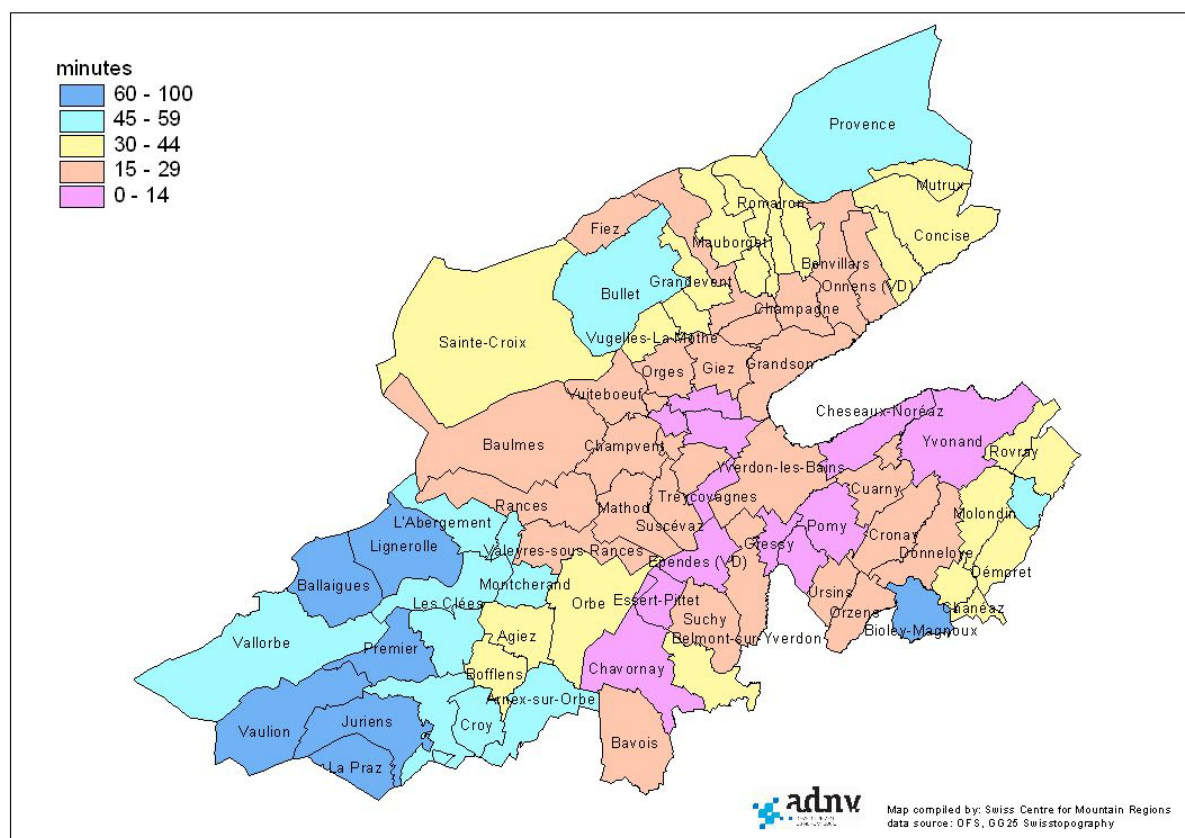


Fig.6: Regional Reachability in Public Transport (Source: ADNV 2009)

With regard to public transport means, there is a tendency to replace trains by busses. Anyway in the country side, access to most villages is only possible by busses, either regularly scheduled line like CarPostal and/or by Publicar (a call bus service, s. best practice).

4.3. Situation Information and Communication Technology (ICT): Internet

Unfortunately data on ICT is mainly collected on the national level and in some cases on the level of the linguistic regions. According to the Swiss departement of statistics in 2006 71 percent of the households in Western Switzerland were using Internet. There is a positive relation between Internet use and household income, education and age of the users. The accessibility to broadband connections is well developed in Switzerland and is available to 98% of the households. Swisscom has received from the Federal Communications Commission (ComCom) the licence to provide basic services from 2008 to 2017. In addition to the basic service of providing the Swiss population with access to the telephone network, the core task of the licence from 2008 will be the provision of broadband Internet access with a transmission speed of 600/100 kbps to every household in Switzerland (100% national coverage).

4.4. Situation Every day Needs: Food Stores

The study reveals that 38 out of 80 municipalities have no food stores nor a bakery or butchery on their territory. Most of these municipalities have less than 300 inhabitants. Only 10 municipalities have 3 or more food stores. With a number of 30 Yverdon has by far the most



food stores. Local authorities are trying various solutions like putting together different services. (combine a grocery store with a cafeteria or with a post office, multi-function centers with multi-purpose auditorium).

4.5. Assessment of Services of General Interest– Barriers and Main Problems

4.5.1. Barriers and Main Problems Public Transport

The analysis has revealed, that there is a disbalance between a) municipalities along the lake where public transports are concentrated and b) communities in the more mountainous areas and in the western part of the test area, where the offer in public transport is not sufficient. Public transport is mainly used by pupils and older persons, which has also consequences for the timetable. The offer decreases tremendously on weekends and during school holidays: this situation is not well reflected by the maps on reachibility (fig 4/5) which are based on the offer during the week.

The decreasing number of food stores in the countryside and the rather inadequate offer in public transport has an impact in daily supply especially for elderly people.

With reference to tourism it has to be noted that public transport is not attractive due to the fact that touristic sites are inadequately linked. Customers plan their trip by destinations and packages and do not want to be bothered by multiple changes from one transport means to another. The main goal should therefore be the consistency and coherence in information on the transport chain from the beginning to the end.

An annoying fact is that despite a relatively well developed public transport system, it is poorly used due to an unjustified image of slowness, filthiness etc. In most areas of Nord Vaudois the use of private cars is predominant.

With regard to transfrontalier commuting – which is very important in the Nord Vaudois - it has to be said that between France and neighbouring Switzerland for example commuters prefer individual motorised transport because of the small number of trains. A fact, which is mainly due to technical inadaptabilities of the rails and missing agreements between the two countries.

In general it can be said that the lack of an adequate offer in public transport leads to social inequalities. Families, older people, teenagers have often not an appropriate access to mobility services.

4.5.2. Barriers and Main Problems ICT

As already mentioned, data on ICT is collected on the national level and in some cases on the level of the linguistic regions. However the situation regarding ICT in Switzerland and the test area is very satisfying. The offer is well developed, however a digital divide exists, especially for elderly people or people with a lower degree of education and/or income.

4.5.3. Barriers and Main Problems Every Day Needs

The concentration in the retail business has also taken place in Nord Vaudois. The study reveals that 38 out of 80 municipalities have no food stores nor a bakery or butchery on their territory. Most of these municipalities have less than 300 inhabitants. This is not a surprise since some retailers say that below a population of 1000 inhabitants, they could not make a living. For



consumers having a car, this phenomenon is not a real problem, but for those being too old for driving a car or not having the financial means, the situation gets more and more difficult. It has also to be noted, that a shop in the village is very often a meeting point and plays an important role in the social and community life of the municipalities. Some municipalities have tried to find solutions in bundling different SGIs in one village center with a grocery shop, the gymnastic and multi-services hall etc. (eg Ballaigues).

5. Good Practice Examples as a Pool of Ideas for Pilot Projects and Identification of Gaps

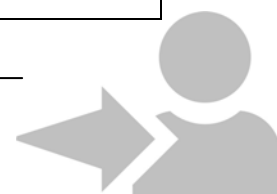
In this chapter 3 good practices in the domain of public transport and daily goods are described. These examples served as a pool of ideas and supported considerably the elaboration of pilot activities presented in chapter 6. For a detailed description of good practices please refer to

Good practice examples 1: PubliCar and night-bus or night-, train					
1. Domain(s) of public services involved					
	ICT		Public transport	X	Every day needs
	Others:				
2. Locality / Region / Country					
PubliCar is a service of small buses for less populated areas where the customers have to announce themselves 24 hours in advance. A surcharge of CHF 3.- (2.-€) (plus the normal ticket price) is asked. The advantage is that these busses can run outside of the official routes for public transport, offering almost a door-to-door service. A new service has been developed for late returns from the centers: a night-bus from Yverdon-les-Bains to the small villages along the lakeside and a night-train coming from Lausanne to Yverdon-les-Bains, with stops in the different villages along the railroad. These services work on Friday + Saturday.					
3. Territorial level / extent					
PubliCar is active in 30 different areas in Switzerland where this service is available. In the Nord vaudois region, 4 areas exist.					
4. Target Groups					
People with no private cars: young and elderly people or people with no second car.					
5. Basic Idea / Aims / How does it work					
The customer calls the enterprise within the office hours at least 24 hours in advance. According to the demands, the enterprise matches as well as possible the demand and fixes the hour of departure, usually close to an hour maximum to the wished departure time. The demands cannot be satisfied when they are too close to the normal public transportation schedule. This service works on working days, usually from 8 to 17. For the night-bus or night-train, departures are fixed.					
6. Why it is considered innovative					



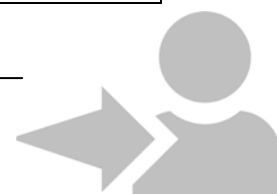
It is a flexible service, with small buses that are more adapted to the small demand existing out of commuter's departures or arrivals.
7. Start / How long it has been running
PubliCar started 10 years ago.
8. Costs / Funding
The customer pays the normal ticket price + a surcharge of CHF 3.- (2.-€). It is part of the usual distribution of the costs, between customers, local municipalities and Canton.
9. Transferability to other regions / conditions for a transfer (Please give also an estimation 1) good 2) medium 3) not transferable
This project is transferable to other regions if it exists a system of distribution of the costs (2).
10. More information (website, contact person)
http://www.carpostal.ch/pag-startseite/pag-taeglich-unterwegs/pag-fahrplan-und-linienverkehr/pag-publicar-angebot.htm

Good practice examples 2: Poste-it and Livraison-les-Bains					
1. Domain(s) of public services involved					
	ICT	x	Public transport	x	Every day needs
	Others:				
2. Locality / Region / Country					
Poste-it is a private service offering a house-to-house post distribution (mainly to the enterprises) in Yverdon-les-Bains and surroundings, only by using bikes. This enterprise is connected to similar private enterprises in other cities of Switzerland. They have connections to the railway services and use only sustainable transportation for letter and packages distribution. After two years, this service has been now extended to Neuchâtel. The same enterprise has also recently proposed in Yverdon-les-Bains a service for delivering groceries or other daily supplies for private. A few shops are now offering this service to their customers.					
3. Territorial level / extent					
Yverdon-les-Bains and surrounding villages for the postal delivery and only Yverdon-les-Bains for the daily needs (groceries, medicines, etc.)					
4. Target Groups					
Enterprises for postal delivery – Private (family, elderly and/or disabled people) for daily needs					
5. Basic Idea / Aims / How does it work					
The customer calls the enterprise within the office hours and an hour later the service is taken over. By groceries, the delivery takes place in the next 2 hours.					



The shops that are proposing this service organize a deposite for the groceries. The bikers of the enterprise come and take the order and go to the indicated address.
6. Why it is considered innovative
It is a sustainable service, with no pollution. It is very flexible. In the center of the city (pedestrian zone), it has a better reachability than public transport or private cars
7. Start / How long it has been running
The enterprise started two years ago. The extension in Neuchâtel occurred this spring as well as the new service for groceries delivery.
8. Costs / Funding
The customer pays the service for the postal delivery. For the groceries delivery, the costs is shared by 1/3 the city, 1/3 the shop owners and 1/3 the customer, so that it cost CHF 3.- (2.- €) per delivery for the customer.
9. Transferability to other regions / conditions for a transfer (Please give also an estimation 1) good 2) medium 3) not transferable
This project is easily transferable to other regions (1).
10. More information (website, contact person)
www.poste-it.ch - Paul Kormann and Raoul Payot.

Good practice examples 3: Mobility planning for enterprises					
1. Domain(s) of public services involved					
	ICT	x	Public transport		Every day needs
	Others:				
2. Locality / Region / Country					
Vallee de Joux is part of the district Jura Nord vaudois. It has a long tradition in watch-making and a lot of well-known high quality brands are located in this small valley of 6'000 inhabitants. Over 3'000 jobs are offered, so that a lot of employees come from othe regions, especially from France. Traffic of individual cars has been growing, creating disturbances in the transit villages. Four enterprises have proposed and financed 3 buses for daily common transport. Further, for those who practice daily car-sharing, a free sheltered place of park is guaranteed.					
3. Territorial level / extent					
Two buses connect Vallee de Joux, Vallorbe, Pontarlier (F), an other bus connect Vallée de Joux to Mouthe-Les Rousses (F).					
4. Target Groups					
French employees of these four enterprises.					
5. Basic Idea / Aims / How does it work					



The enterprises have made detailed questionnaire among their staff and debates to know their needs and daily route.
6. Why it is considered innovative
Enterprises are more concerned with environmental issues and pay attention to the problems of their employees. They also calculate that buses were cheaper than building huge parking lots.
7. Start / How long it has been running
The first bus started 2 years ago, the second one 18 months ago, the 3 rd a year ago.
8. Costs / Funding
The enterprises pay the costs.
9. Transferability to other regions / conditions for a transfer (Please give also an estimation 1) good 2) medium 3) not transferable
This project is transferable to other regions if there are enterprises of a certain size (over 100 employees) or a pool of very close located enterprises. (2).
10. More information (website, contact person)
http://www.vd.ch/fileadmin/user_upload/themes/mobilite/transports_publics/fichiers_pdf/Laure_atPrixmob2008JaegerLeCoultrre.pdf or www.jaeger-lecoultrre.com

6. Conclusions and Outlook on Pilot Activities

6.1. Conclusions on the Regional Level

In general it can be said that Nord Vaudois is an attractive region to live and work, it has a positive population development, infrastructures are well developed and public services are rather good. It is therefore the aim of ADNV and also of the Canton of Vaud to maintain or even improve the offer of SGI facilities. Mobility is a key element in the accessibility of services. The degree of individual mobility in the test area is high. The possibility to make use of public transport services is restricted in the mountainous area and in Western parts of the test area. Especially these areas public transport is not profitable, the topography and the low population density leads to massive problems of financing, especially for small villages. Thus, interviewed mayors and experts fear that actual standards will not stand much longer, due to lack of financial means and a continuing trend to liberalization. To increase cost effectiveness and to ensure an appropriate utilisation rate, transport services have to satisfy the needs of different user groups. An important contribution solving the problem would be rediscovering the force of neighbourhood (eg. car-sharing) and developing a new relationship between small rural communities and small rural towns orchestrated and organised by public transport and, when



necessary, by private cars. This would add to the identity and social life in the concerned municipalities. New information technologies reveal a huge potential for making public services more effective (information) and user's friendly. Special attention has to be paid to tourism, because the current offer is unsatisfactory. It has to be noted that tourists plan their trip by destinations and packages and do not want to be bothered by multiple changes from one transport means to another. The main goal should therefore be the consistency and coherence in information on the transport chain from the beginning to the end.

With regard to information and communication technologies (particularly Internet) the situation is already satisfying but will be improved by the introduction of a nationwide total coverage of broad band access.

In the field of food stores, ADN V was already active in the preceeding PUSEMOR project. Several projects have been initiated in order to rise awareness of local inhabitants towards small shops and groceries in their village.

6.2. Outlook on Pilot Activities

Based on the results of the preceeding regional analysis and the good practice examples (chapters 2-5), pilot activities in the Nord Vaudois region aim mainly at improving public transport services. The objective is to fill gaps between different transport systems, introduce attractive transport means and create touristic packages.

One project will improve the offer in public transport on the upper part of the lake of Neuchâtel with a boat powered by solar cells. The other foreseen pilot activity will study the potentials of a car-sharing site for commuters. The offer will be crosschecked with other regions of the Jura area: Vallée de Joux, Montagnes neuchâteloises and also the Canton of Jura.

The following table explains why the chosen pilot activities can be considered as innovative.

Pilot Activity 1: Solar cells boat linking the coasts of the upper part of the lake of Neuchâtel
Demand Orientation: Does the pilot action respond to an existing or potential demand?
Actually, a private company runs boats services in the lakes of Neuchâtel and Morat during the summertime (May till the end of September). But the upper part of the lake of Neuchâtel where the region Nord vaudois is located has very few rides during the summertime. The Northern and Southern sides of the lake aren't connected although different touristic sites and monuments exist on both sides. The service could connect the cities of Concise, Grandson, Yverdon-les-Bains, Cheseaux, Yvonand (for the Nord vaudois region) and of Cheyres and Estavayer-le-Lac (in neighbour region of Fribourg).
Participatory Approach: Was the pilot action developed together with local stakeholders? How are they integrated into the implementation of the pilot activity?
A very innovative enterprise in Yvonand (on the Southern side of the lake), building solar powered boats brought the idea up together with the touristic director of the region Nord vaudois. In a second step municipalities, owners of camping places, touristic sites and environmental associations have been involved.



Technical Innovation: Does the pilot action encompass any technical innovation?
Yes, except during the time of Expo.02 (year of national exhibition in Switzerland), no solar boat runs on the lake of Neuchâtel. This boat is very secure (same enterprise that built the boats in 2002), has no exhaust nor noise emission and therefore fits very well to the profile of the region with a great surface of protected areas (Grande Cariçaie being the largest nature reserve in Switzerland under environmental protection).
Organizational Innovation: Does the pilot action encompass any organisational innovation?
Yes. A foundation should be created with the different municipalities. A private society (Sàrl) will run the boat.
Implementation: Can the pilot activity be implemented in the Test Area within the given timeframe of ACCESS?
A business study has been already realized and if the municipalities and their councils agree with the project, the boat could be built during the winter 2009-2010. Different tests have to be done, but the exploitation could start in early Summer 2011.
Financial Sustainability: Can the pilot activity be financed over the long term after the end of the ACCESS-project?
The business plan shows that the project can be autonomous from the second year of exploitation. If it becomes a real success for touristic uses, the boat could also serve in further future in connecting residents of both sides of the lake, becoming a regular line of seasonal public transport.
Transferability: Can the lessons learnt from the pilot activity be transferred to other regions?
Yes, in terms of connecting different interests and knowledge of the region.

Pilot Activity 1: Car-sharing with support measures
Demand Orientation: Does the pilot action respond to an existing or potential demand?
The project aims to establish a car-sharing site, especially for commuters and enterprises. Based on different experiences, car-sharing sites don't always succeed in matching offer and demand. The project is based on the experience of Vallée de Joux (see best practices). 85 to 90 % of private cars carry one commuter. 10% drivers interested in car-sharing should be realistic.
Participatory Approach: Was the pilot action developed together with local stakeholders? How are they integrated into the implementation of the pilot activity?
The idea of the project came through watch-making enterprises and the municipality of Le Sentier in Vallée de Joux (see best practices). They had to solve a traffic and a parking problem. As the region Nord vaudois encounters the same problems of traffic and commuters, we approached this region to know more about their project. After an information session with enterprises of our region, we will start to develop the project and verify its feasibility. This project intends to work closely with the enterprises: this allows to increase the chances to



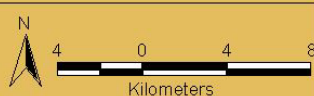
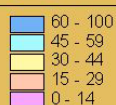
succeed in car-sharing because commuters are sharing the same destination.
Technical Innovation: Does the pilot action encompass any technical innovation?
This is no special technical innovation: the innovation is more into the process and the collaboration with enterprises.
Organizational Innovation: Does the pilot action encompass any organisational innovation?
Yes in narrow collaboration with the needs of employees and enterprises a monitoring system will be introduced so that constant adaptations in the car-sharing site are possible.
Implementation: Can the pilot activity be implemented in the Test Area within the given timeframe of ACCESS?
The site could open End of 2010 if the funding is ready by the end of this year (2009).
Financial Sustainability: Can the pilot activity be financed over the long term after the end of the ACCESS-project?
The business plan shows that the project can work after being established with low cost. The enterprises should remain financial partners in the future.
Transferability: Can the lessons learnt from the pilot activity be transferred to other regions?
The project is in its early stage. So far the experience and knowledge about car-sharing has been transferred.





Regional Reachability by public transport

Time spent (minutes) in order to reach the next regional center by public transport



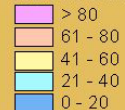
Map compiled by: Swiss Centre for Mountain Regions
data source: OFS, G025 Swisstopography



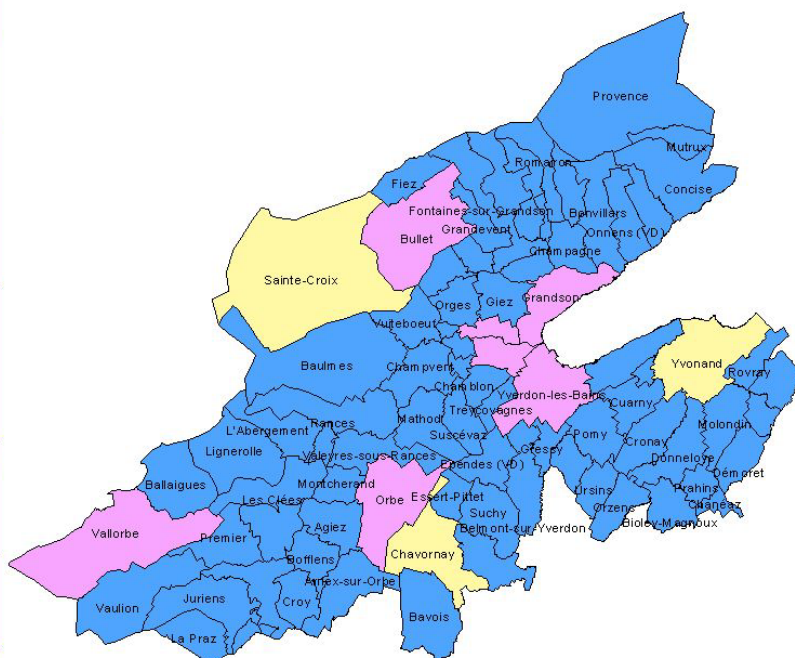
Settlement Concentration Nord Vaudois

ratio of resident population (2007) living in compact settlements larger than 500 inhabitants

settlement concentration in %

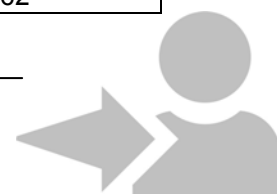


Map compiled by: Swiss Centre for Mountain Regions
data source: OFS, G025 Swisstopography



A Social Data – Population Structure and Area (Canton, District, Region and Municipality Level)

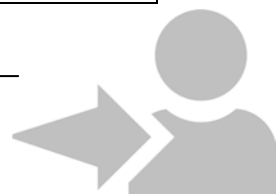
	population development	resident Population	number of households	area
	<i>from 1997 to 2007 (annual growth)</i>	year 2007	year 2000	1997
	in percent	in unit person	Number of	in square km
	<i>Indicator 1</i>	<i>POP_ACT</i>	<i>HOHO_ACT</i>	<i>AREA_ACT</i>
Canton de Vaud	1.01	668581	285528	2822.47
District Jura Nord Vaudois	0.89	76554	31703	702.59
Region Nord Vaudois	0.97	70281	28733	538.91
Test area Region ADNV	0.97	70281	28733	538.91
Agiez	0.29	243	100	5.47
Arnex-sur-Orbe	-0.50	546	215	7.62
Ballaigues	-0.10	896	348	9.04
Baulmes	-0.08	960	380	22.53
Bavois	0.16	714	294	9.32
Belmont-sur-Yverdon	2.68	272	98	6.47
Bioley-Magnoux	-0.37	160	69	4.27
Bofflens	0.63	179	63	4.19
Bonvillars	1.88	432	138	7.54
Bretonnières	-0.29	201	81	5.46
Bullet	1.03	571	235	16.85
Chamblon	2.49	568	195	2.85
Champagne	1.12	734	265	3.93
Champvent	2.10	354	115	6.88
Chanéaz	1.93	108	34	1.39
Chavannes-le-Chêne	0.93	237	99	3.98
Chavornay	2.64	3303	1181	11.07
Chêne-Pâquier	0.85	110	42	2.11
Cheseaux-Noréaz	-0.95	483	199	6.12
Concise	0.82	720	299	11.41
Corcelles-près-Concise	0.14	278	89	4.09
Corcelles-sur-Chavornay	0.23	312	116	5.49
Cronay	0.19	312	121	6.61
Croy	1.33	313	119	4.49
Cuarny	-0.11	173	66	4.56
Démoret	-0.64	121	49	4.24
Donneloye	0.81	555	252	6.59
Ependes	0.96	329	135	4.82
Essert-Pittet	-0.88	120	59	2.76
Essert-sous-Champvent	1.90	127	48	1.23
Fiez	1.14	363	131	6.83
Fontaines-sur-Grandson	1.09	135	60	7.86
Fontanezier	-0.76	63	27	3.73
Giez	0.59	368	140	4.78
Grandevent	3.65	193	60	3.46
Grandson	1.47	2912	1171	7.89
Gressy	1.07	158	56	2.23
Juriens	1.00	273	99	9.35
La Praz	1.36	142	51	5.13
L'Abergement	1.48	240	83	5.74
Les Clées	0.94	167	60	7.02
Lignerolle	1.64	389	129	10.62



Method	2.58	559	176	6.59
Mauborget	-0.11	89	40	5.5
Molondin	0.87	205	71	5.53
Montagny-près-Yverdon	0.06	636	246	3.55
Montcherand	0.79	407	150	3.05
Mutrux	2.20	142	41	3.21
Novalles	-1.00	95	33	2.05
Onnens	1.61	451	167	5.13
Orbe	1.63	5532	2108	12.04
Orges	1.66	242	90	4.01
Orzens	0.05	204	83	4.19
Pomy	2.36	609	203	5.62
Prahins	-0.29	134	47	2.42
Premier	-1.54	186	84	6.11
Provence	0.58	370	148	31.79
Rances	1.24	447	167	9.84
Romainmôtier-Envy	1.30	458	195	7.01
Romairon	-0.71	41	16	4.89
Rovray	-2.46	129	51	3.21
Sainte-Croix	0.43	4354	2053	39.43
Sergey	3.24	130	39	1.48
Suchy	2.05	389	130	6.66
Suscévaz	1.20	177	74	4.15
Treycovagnes	0.89	494	167	2.07
Ursins	1.00	189	67	3.37
Valeyres-sous-Montagny	1.55	620	220	2.27
Valeyres-sous-Rances	-0.61	478	193	6.35
Valeyres-sous-Ursins	2.57	216	73	2.83
Vallorbe	0.27	3182	1400	23.18
Vaugondry	1.98	39	16	0.84
Vaulion	0.42	464	194	13.18
Villars-Burquin	1.39	541	204	4.81
Villars-Epeney	2.96	82	20	0.86
Villars-sous-Champvent	1.94	51	19	0.92
Vugelles-La Mothe	0.76	110	38	3.08
Vuiteboeuf	1.66	484	166	5.03
Yverdon-les-Bains	0.85	25066	11082	11.26
Yvonand	1.21	2445	883	13.38



A Social Data – Age Pattern (Canton, District, Region and Municipality Level)				
	old age dependency ratio	young age dependency ratio	population elder 64 years	population younger 15 years
	year 2007	year 2007	year 2007	year 2007
	in percent	in percent	in unit person	in unit person
	<i>Indicator 2a</i>	<i>Indicator 2b</i>	<i>POP_OLD</i>	<i>POP_YOUN</i>
Canton de Vaud				
District Jura Nord Vaudois				
Region Nord Vaudois				
Test area Region ADNV	24.36	25.85	11398	12095
Agiez	24	35	36	54
Arnex-sur-Orbe	22	25	81	94
Ballaigues	31	28	173	159
Baulmes	21	25	135	167
Bavois	18	29	88	140
Belmont-sur-Yverdon	23	31	40	55
Bioley-Magnoux	30	23	31	24
Bofflens	15	21	20	28
Bonvillars	24	26	70	74
Bretonnières	26	21	36	29
Bullet	42	27	142	92
Chamblon	12	24	49	100
Champagne	15	31	74	158
Champvent	19	35	44	81
Chanéaz	30	39	19	25
Chavannes-le-Chêne	24	24	39	38
Chavornay	14	28	315	660
Chêne-Pâquier	41	26	27	17
Cheseaux-Noréaz	34	21	105	66
Concise	27	28	127	128
Corcelles-près-Concise	32	28	55	49
Corcelles-sur-Chavornay	23	27	48	56
Cronay	26	24	54	50
Croy	26	24	54	50
Cuarny	18	22	22	27
Démoret	30	23	24	18
Donneloye	18	30	69	113
Ependes	12	26	29	61
Essert-Pittet	30	26	23	20
Essert-sous-Champvent	21	21	19	19
Fiez	14	32	34	80
Fontaines-sur-Grandson	20	23	19	22
Fontanezier	45	21	17	8
Giez	27	26	65	63
Grandevent	19	34	24	43
Grandson	22	24	439	482
Gressy	33	39	30	36
Juriens	27	25	49	45
La Praz	20	21	20	21
L'Abergement	15	53	21	76
Les Clées	15	18	19	23



Lignerolle	20	31	52	79
Method	15	38	54	140
Mauborget	25	25	15	15
Molondin	28	34	35	43
Montagny-près-Yverdon	16	8	82	43
Montcherand	17	30	48	83
Mutrux	22	31	20	29
Novalles	17	20	12	14
Onnens	20	37	57	106
Orbe	22	26	807	974
Orges	23	29	37	46
Orzens	29	19	40	26
Pomy	22	34	87	132
Prahins	23	24	21	22
Premier	27	14	36	18
Provence	30	30	70	70
Rances	21	30	62	88
Romainmôtier-Envy	30	22	90	67
Romairon	42	29	10	7
Rovray	23	24	20	21
Sainte-Croix	37	22	1015	600
Sergey	10	25	10	24
Suchy	16	31	42	82
Suscévoz	25	26	29	31
Treycovagnes	15	57	42	165
Ursins	23	21	30	28
Valeyres-sous-Montagny	22	26	92	109
Valeyres-sous-Rances	18	27	58	89
Valeyres-sous-Ursins	20	32	28	46
Vallorbe	28	25	586	518
Vaugondry	3	31	1	9
Vaulion	25	26	77	79
Villars-Burquin	24	28	86	100
Villars-Epeney	15	9	10	6
Villars-sous-Champvent	21	29	7	10
Vugelles-La Mothe	21	36	15	25
Vuiteboeuf	17	36	55	114
Yverdon-les-Bains	26	24	4401	4004
Yvonand	24	30	374	482



B Socio-Economic Data – Maximum Population Ratio (with commuters and tourists) on Canton, District, Region and Municipality Level

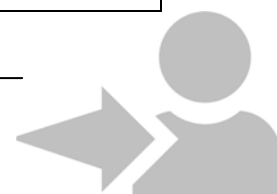
	maximum population ratio	commuters coming in to work	commuters leaving out for work	overnight stays in Tourism
	year 2007/2000/20 08	year 2000	year 2000	year 2008
	in percent	in unit person	in unit person	in unit person per year
	<i>Indicator 3</i>	<i>WORK_IN</i>	<i>WORK_OUT</i>	<i>OVNSTAY_T</i>
Canton de Vaud	100	19777	30016	2636535
District Jura Nord Vaudois	100	27	263	133272
Region Nord Vaudois	94	11598	16214	116997
Test area Region ADNV	94	11598	16214	116997
Agiez	78	7	60	0
Arnex-sur-Orbe	69	18	188	
Ballaigues	101	206	193	
Baulmes	89	252	354	
Bavois	63	25	288	
Belmont-sur-Yverdon	79	9	65	
Bioley-Magnoux	73	3	47	
Bofflens	73	4	52	
Bonvillars	87	46	102	
Bretonnières	69	7	69	
Bullet	85	46	132	
Chamblon	90	161	215	
Champagne	95	172	210	
Champvent	77	24	105	
Chanéaz	83	11	29	
Chavannes-le-Chêne	71	11	79	
Chavornay	83	398	963	
Chêne-Pâquier	77	5	30	
Cheseaux-Noréaz	95	173	198	
Concise	79	57	210	
Corcelles-près-Concise	81	35	87	
Corcelles-sur-Chavornay	76	18	93	
Cronay	71	17	108	
Croy	77	23	94	
Cuarny	71	9	59	
Démoret	86	11	28	
Donneloye	85	23	109	
Ependes	95	15	30	
Essert-Pittet	61	7	54	
Essert-sous-Champvent	120	51	25	
Fiez	61	13	156	
Fontaines-sur-Grandson	68	4	47	
Fontanezier	68	1	21	
Giez	76	41	130	
Grandevent	65	0	67	
Grandson	96	767	878	
Gressy	74	8	49	



Juriens	86	25	64	
La Praz	77	1	34	
L'Abergement	72	16	84	
Les Clées	71	6	54	
Lignerolle	82	19	90	
Method	79	38	157	
Mauborget	75	2	24	
Molondin	84	9	42	
Montagny-près-Yverdon	145	516	232	
Montcherand	72	41	156	
Mutruux	80	1	29	
Novalles	58	0	40	
Onnens	114	182	121	
Orbe	104	1443	1243	2520
Orges	100	62	61	
Orzens	82	15	52	
Pomy	80	67	190	
Prahins	75	4	38	
Premier	72	4	56	
Provence	87	27	76	
Rances	87	5	63	
Romainmôtier-Envy	87	72	135	1774
Romairon	93	3	6	
Rovray	70	3	42	
Sainte-Croix	96	268	518	29374
Sergey	73	2	37	
Suchy	74	11	114	
Suscévoz	73	11	59	
Treycovagnes	69	37	191	
Ursins	69	4	63	
Valeyres-sous-Montagny	73	49	217	
Valeyres-sous-Rances	73	40	168	
Valeyres-sous-Ursins	75	9	62	
Vallorbe	90	289	609	4620
Vaugondry	77	2	11	
Vaulion	82	33	116	
Villars-Burquin	75	26	160	
Villars-Epeney	84	2	15	
Villars-sous-Champvent	69	0	16	
Vugelles-La Mothe	84	5	23	
Vuiteboeuf	77	27	137	
Yverdon-les-Bains	104	5101	4371	78709
Yvonand	93	443	614	



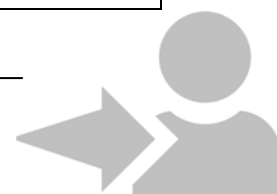
B Socio-Economic Data – Economic Structure (Canton,District, Region and Municipality Level)				
	develop- ment of enterprises	actual number of enterprises	number of enterprises before	number of enterprises before
	year 1995 to 2005	year 2005	year 1995	
	in percent per anno	in unit enterprise	in unit enterprise	
	<i>Indicator 4</i>	<i>ENT_ACT</i>	<i>ENT_BACK</i>	
Vaud	-0.57	30674	32473	
Jura Nord vaudois	-0.89	3355	3667	
Nord vaudois	-0.73	3048	3279	
Test area Region ADNV	-0.73	3048	3279	
Agiez	-6.19	7	13	
Arnex-sur-Orbe	-7.47	9	19	
Ballaigues	-2.11	34	42	
Baulmes	-1.03	37	41	
Bavois	-5.39	14	24	
Belmont-sur-Yverdon	3.18	11	8	
Bioley-Magnoux	-10.99	3	9	
Bofflens	-0.95	10	11	
Bonvillars	0.00	15	15	
Bretonnières	0.00	4	4	
Bullet	-0.39	25	26	
Chamblon	0.00	20	20	
Champagne	0.00	27	27	
Champvent	0.87	12	11	
Chanéaz	0.00	5	5	
Chavannes-le-Chêne	0.95	11	10	
Chavornay	0.64	129	121	
Chêne-Pâquier	0.00	2	2	
Cheseaux-Noréaz	3.10	15	11	
Concise	-0.63	31	33	
Corcelles-près-Concise	0.00	10	10	
Corcelles-sur-Chavornay	-4.92	11	18	
Cronay	-4.05	8	12	
Croy	0.80	13	12	
Cuarny	3.57	10	7	
Démoret	0.00	3	3	
Donneloye	3.86	25	17	
Ependes	0.00	11	11	
Essert-Pittet	-2.23	4	5	
Essert-sous-Champvent	2.88	4	3	
Fiez	-0.87	11	12	
Fontaines-sur-Grandson	6.93	2	1	
Fontanezier	0.00	1	1	
Giez	-1.94	14	17	
Grandevent	-14.66	3	13	
Grandson	-1.99	109	133	
Gressy	10.99	3	1	
Juriens	2.88	12	9	
La Praz	-2.23	4	5	



L'Abergement	-2.51	7	9	
Les Clées	-1.54	6	7	
Lignerolle	-5.75	9	16	
Mathod	-1.18	16	18	
Mauborget	0.00	3	3	
Molondin	-3.57	7	10	
Montagny-près-Yverdon	3.31	117	84	
Montcherand	2.68	17	13	
Mutruux	-2.88	3	4	
Novalles	0.00	1	1	
Onnens	-6.93	15	30	
Orbe	0.36	252	243	
Orges	-7.62	7	15	
Orzens	1.54	7	6	
Pomy	4.05	24	16	
Prahins	-2.88	3	4	
Premier	2.01	11	9	
Provence	3.48	17	12	
Rances	0.00	13	13	
Romainmôtier-Envy	-1.70	27	32	
Romairon		1	0	
Rovray		0	5	
Sainte-Croix	-2.60	199	258	
Sergey	-6.93	1	2	
Suchy	0.00	19	19	
Suscévaz	-5.60	4	7	
Treycovagnes	0.00	16	16	
Ursins	4.05	3	2	
Valeyres-sous-Montagny	-3.83	15	22	
Valeyres-sous-Rances	-1.47	19	22	
Valeyres-sous-Ursins	-6.93	5	10	
Vallorbe	-2.36	135	171	
Vaugondry		1	0	
Vaulion	-2.58	17	22	
Villars-Burquin	-7.54	8	17	
Villars-Epeney	0.00	1	1	
Villars-sous-Champvent		0	1	
Vugelles-La Mothe	-6.93	3	6	
Vuiteboeuf	0.43	24	23	
Yverdon-les-Bains	-0.30	1245	1283	
Yvonand	-1.43	91	105	



C Spatial Data – Settlement (Canton, District, Region and Municipality Level)				
	local settlement concentra- tion Ratio larger 500	local settlement concentrat- ion Ratio larger 1.000	population living in compact settlements larger 500	population living in compact settlements larger 1.000
	http://www.geoplanet.vd.ch/index.php			
	in percent <i>Indicator 5 a</i>	in percent <i>Indicator 5b</i>	in unit person SETT_L500	in unit person SETT_L1000
Canton de Vaud				
Jura Nord vaudois				
Nord vaudois	61.52	60.50	43236	42521
Test area Region ADN	61.52	60.50	43236	42521
Agiez	0.00	0.00		
Arnex-sur-Orbe	0.00	0.00		
Ballaigues	0.00	0.00		
Baulmes	0.00	0.00		
Bavois	0.00	0.00		
Belmont-sur-Yverdon	0.00	0.00		
Bioley-Magnoux	0.00	0.00		
Bofflens	0.00	0.00		
Bonvillars	0.00	0.00		
Bretonnières	0.00	0.00		
Bullet	91.26	0.00	521	
Chamblon	0.00	0.00		
Champagne	0.00	0.00		
Champvent	0.00	0.00		
Chanéaz	0.00	0.00		
Chavannes-le-Chêne	0.00	0.00		
Chavornay	47.14	47.14	1557	1557
Chêne-Pâquier	0.00	0.00		
Cheseaux-Noréaz	0.00	0.00		
Concise	0.00	0.00		
Corcelles-près-Concise	0.00	0.00		
Corcelles-sur-Chavornay	0.00	0.00		
Cronay	0.00	0.00		
Croy	0.00	0.00		
Cuarny	0.00	0.00		
Démoret	0.00	0.00		
Donneloye	0.00	0.00		
Ependes	0.00	0.00		
Essert-Pittet	0.00	0.00		
Essert-sous-Champvent	0.00	0.00		
Fiez	0.00	0.00		
Fontaines-sur-Grandson	0.00	0.00		
Fontanezier	0.00	0.00		
Giez	0.00	0.00		
Grandevent	0.00	0.00		
Grandson	100.00	100.00	2912	2912
Gressy	0.00	0.00		

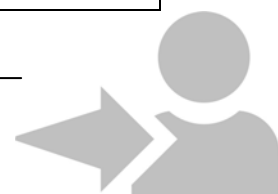


Juriens	0.00	0.00		
La Praz	0.00	0.00		
L'Abergement	0.00	0.00		
Les Clées	0.00	0.00		
Lignerolle	0.00	0.00		
Mathod	0.00	0.00		
Mauborget	0.00	0.00		
Molondin	0.00	0.00		
Montagny-près-Yverdon	100.00	0.00	636	
Montcherand	0.00	0.00		
Mutruux	0.00	0.00		
Novalles	0.00	0.00		
Onnens	0.00	0.00		
Orbe	100.00	100.00	5532	5532
Orges	0.00	0.00		
Orzens	0.00	0.00		
Pomy	0.00	0.00		
Prahins	0.00	0.00		
Premier	0.00	0.00		
Provence	0.00	0.00		
Rances	0.00	0.00		
Romainmôtier-Envy	0.00	0.00		
Romairon	0.00	0.00		
Rovray	0.00	0.00		
Sainte-Croix	41.95	41.95	1827	1827
Sergey	0.00	0.00		
Suchy	0.00	0.00		
Suscévoz	0.00	0.00		
Treycovagnes	0.00	0.00		
Ursins	0.00	0.00		
Valeyres-sous-Montagny	100.00	0.00	620	
Valeyres-sous-Rances	0.00	0.00		
Valeyres-sous-Ursins	0.00	0.00		
Vallorbe	100.00	100.00	3182	3182
Vaugondry	0.00	0.00		
Vaulion	0.00	0.00		
Villars-Burquin	0.00	0.00		
Villars-Epeney	0.00	0.00		
Villars-sous-Champvent	0.00	0.00		
Vugelles-La Mothe	0.00	0.00		
Vuiteboeuf	0.00	0.00		
Yverdon-les-Bains	100.00	100.00	25066	25066
Yvonand	56.56	56.56	1383	2445



C Spatial Data – Individual Traffic and Public Transport (Canton, District, Region and Municipality Level)

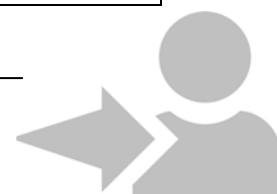
	regional reachability individual traffic	regional reachability public transport	maximum frequency public traffic	
	year 2009	year 2009	year 2009	
	in minutes	in minutes	number of	
	<i>Indicator 6a</i>	<i>Indicator 6b</i>	<i>Indicator 7</i>	
Vaud				
Jura Nord vaudois				
Nord vaudois	32	41	23	
Test area Region ADNV (weighted with resident population without regional center Yverdon les Bains)	32	41	23	
Agiez	19	40	5	
Arnex-sur-Orbe	22	58	27	
Ballaigues	21	68	11	
Baulmes	14	18	19	
Bavois	16	17	16	
Belmont-sur-Yverdon	8	16	9	
Bioley-Magnoux	14	62	9	
Bofflens	20	40	5	
Bonvillars	12	26	28	
Bretonnières	21	51	24	
Bullet	23	57	12	
Chamblon	6	16	12	
Champagne	10	23	25	
Champvent	9	17	7	
Chanéaz	16	38	11	
Chavannes-le-Chêne	19	30	7	
Chavornay	13	10	36	
Chêne-Pâquier	21	54	2	
Cheseaux-Noréaz	6	9	3	
Concise	15	34	26	
Corcelles-près-Concise	13	32	27	
Corcelles-sur-Chavornay	13	36	5	
Cronay	9	21	12	
Croy	23	50	25	
Cuarny	9	19	5	
Démoret	18	41	7	
Donneloye	12	27	12	
Ependes	9	7	22	
Essert-Pittet	13	10	20	
Essert-sous-Champvent	7	11	21	
Fiez	12	22	9	
Fontaines-sur-Grandson	15	24	9	
Fontanezier	17	34	3	
Giez	8	24	8	
Grandevent	17	39	5	
Grandson	8	17	38	
Gressy	7	14	9	



Juriens	27	68	16	
La Praz	31	68	11	
L'Abergement	18	49	9	
Les Clées	17	59	10	
Lignerolle	18	66	5	
Mathod	9	18	26	
Mauborget	24	42	5	
Molondin	17	37	7	
Montagny-près-Yverdon	7	9	21	
Montcherand	17	50	9	
Mutrux	21	40	6	
Novalles	14	34	6	
Onnens	12	29	28	
Orbe	15	30	44	
Orges	9	27	8	
Orzens	12	21	12	
Pomy	6	14	13	
Prahins	15	33	12	
Premier	26	60	8	
Provence	24	45	7	
Rances	13	22	25	
Romainmôtier-Envy	25	59	14	
Romairon	17	33	3	
Rovray	17	30	7	
Sainte-Croix	22	36	19	
Sergey	18	53	9	
Suchy	13	20	9	
Suscévoz	9	16	25	
Treycovagnes	5	13	25	
Ursins	9	17	14	
Valeyres-sous-Montagny	6	8	19	
Valeyres-sous-Rances	15	24	28	
Valeyres-sous-Ursins	7	14	13	
Vallorbe	24	50	27	
Vaugondry	15	30	3	
Vaulion	31	75	9	
Villars-Burquin	18	30	9	
Villars-Epeney	8	15	4	
Villars-sous-Champvent	7	20	6	
Vugelles-La Mothe	12	30	8	
Vuiteboeuf	11	15	19	
Yverdon-les-Bains	30	21		
Yvonand	10	8	24	



C Spatial Data – Every Day Needs and ICT (Canton, District, Region and Municipality Level)				
	food shop access	food shops	private broadband access	private internet usage
	year 2009	year 2009	year	year
	in unit person	number of	in percent	in percent
	<i>Indicator 8</i>	<i>FOOD_SHO</i>	<i>Indicator 9a</i>	<i>Indicator 9b</i>
Canton de Vaud				
Jura Nord vaudois				
Nord vaudois	509	138	Not available	Not available
Test area Region ADNV	509	138	Not available	Not available
Agiez		0	Not available	Not available
Arnex-sur-Orbe	546	1	Not available	Not available
Ballaigues	448	2	Not available	Not available
Baulmes	240	4	Not available	Not available
Bavois	357	2	Not available	Not available
Belmont-sur-Yverdon		0	Not available	Not available
Bioley-Magnoux		0	Not available	Not available
Bofflens	179	1	Not available	Not available
Bonvillars		0	Not available	Not available
Bretonnières	201	1	Not available	Not available
Bullet	190	3	Not available	Not available
Chamblon		0	Not available	Not available
Champagne	367	2	Not available	Not available
Champvent	354	1	Not available	Not available
Chanéaz		0	Not available	Not available
Chavannes-le-Chêne	237	1	Not available	Not available
Chavornay	661	5	Not available	Not available
Chêne-Pâquier		0	Not available	Not available
Cheseaux-Noréaz		0	Not available	Not available
Concise	720	1	Not available	Not available
Corcelles-près-Concise		0	Not available	Not available
Corcelles-sur-Chavornay	156	2	Not available	Not available
Cronay	312	1	Not available	Not available
Croy	313	1	Not available	Not available
Cuarny		0	Not available	Not available
Démoret		0	Not available	Not available
Donneloye	555	1	Not available	Not available
Ependes		0	Not available	Not available
Essert-Pittet		0	Not available	Not available
Essert-sous-Champvent		0	Not available	Not available
Fiez	363	1	Not available	Not available
Fontaines-sur-Grandson		0	Not available	Not available
Fontanezier		0	Not available	Not available
Giez	184	2	Not available	Not available
Grandevent		0	Not available	Not available
Grandson	416	7	Not available	Not available
Gressy		0	Not available	Not available
Juriens		0	Not available	Not available
La Praz	142	1	Not available	Not available
L'Abergement		0	Not available	Not available
Les Clées		0	Not available	Not available



Lignerolle	389	1	Not available	Not available
Mathod	280	2	Not available	Not available
Mauborget		0	Not available	Not available
Molondin	205	1	Not available	Not available
Montagny-près-Yverdon	106	6	Not available	Not available
Montcherand		0	Not available	Not available
Mutrux		0	Not available	Not available
Novalles	95	1	Not available	Not available
Onnens	226	2	Not available	Not available
Orbe	461	12	Not available	Not available
Orges	242	1	Not available	Not available
Orzens	204	1	Not available	Not available
Pomy	609	1	Not available	Not available
Prahins		0	Not available	Not available
Premier		0	Not available	Not available
Provence	370	1	Not available	Not available
Rances	447	1	Not available	Not available
Romainmôtier-Envy	153	3	Not available	Not available
Romairon		0	Not available	Not available
Rovray		0	Not available	Not available
Sainte-Croix	544	8	Not available	Not available
Sergey		0	Not available	Not available
Suchy	195	2	Not available	Not available
Suscévoz		0	Not available	Not available
Treycovagnes		0	Not available	Not available
Ursins		0	Not available	Not available
Valeyres-sous-Montagny		0	Not available	Not available
Valeyres-sous-Rances		0	Not available	Not available
Valeyres-sous-Ursins		0	Not available	Not available
Vallorbe	455	7	Not available	Not available
Vaugondry		0	Not available	Not available
Vaulion	232	2	Not available	Not available
Villars-Burquin	541	1	Not available	Not available
Villars-Epeney		0	Not available	Not available
Villars-sous-Champvent		0	Not available	Not available
Vugelles-La Mothe		0	Not available	Not available
Vuiteboeuf	242	2	Not available	Not available
Yverdon-les-Bains	660	38	Not available	Not available
Yvonand	306	8	Not available	Not available



7.2. Description of ACCESS Statistical Data

ACCESS Statistical Data contains data about **region**, subregion(s) and **local units** referring to **test area(s)**

Data Definition

Description is following columns of Excel sheet

Obligatory content in boldface

NUTS_2	Identifier of NUTS_2 Region European Type
NUTS_3	Identifier of NUTS_3 Region European Type
DISTRICT Unit Level	Identifier of Political or Administration Unit between NUTS_3 and Local
ASS_LAU	Identifier of Political or Administration Association of Local Units
LAU_NAT	Identifier of Local Unit National Type
PUB_ORG National Type	Description of Public Organisation from NUTS_2 to Local Unit
NAME_NAT	Name of Public Organisation National Type
	<i>Insert Census Year into next row below field name!</i>
AREA_ACT	Most actual Area Unit Square Kilometre 2 decimal places
POP_ACT	Most actual Resident Population Unit Person
POP_BACK	Resident Population 10 to 20 years before actual census Unit Person
POP_OLD	Most actual Population elder than 64 years Unit Person
POP_YOUNG	Most actual Poulation younger than 15 years Unit Person
HOHO_ACT	Most actual Number of Households
POP_WORK_IN	Commuters coming to work from another Municipality Unit Person
POP_WORK_OUT	Commuters leaving for work to another Municipality Unit Person
OVNSTAY_TOUR	Annual Over Night Stays in Tourism Unit Person



ENT_ACT	Most actual Number of Enterprises (<u>without</u> agricultural ones)
ENT_BACK	Number of Enterprises 10 to 20 years before actual census
POP_SETT_L500	Resident Population living in compact settlements larger 500 Inhabitants Unit Person
POP_SETT_L1000	Resident Population living in compact settlements larger 1.000 Inhabitants Unit Person
REACH_REG_IT	Time to reach Regional Centre by motorized <u>individual</u> Traffic Unit Minutes
REACH_REG_PT	Time to reach Regional Centre by Public Traffic Unit Minutes
FREQ_PTRAF	Daily Departures of Public Bus at the best served Station (line-stops only in <u>one</u> direction)
FOOD_SHOP	Number of Shops offering Food (also baker and butcher but no petrol station)
HOHO_BBAND	Number of Households with Internet <u>Broadband</u> Access
POP_INTUSE	Population using Internet Unit Person

7.3. ACCESS Indicators

The Indicators of ACCESS represent statistical characteristics of preconditions for the establishment, the establishment itself and the impact of SGI. On one hand the indicators will be able to reveal disparities on a local level on the other they will also serve for the transnational comparison. It is important to mention that indicators are designed to get a clear picture of a sometimes complex process influenced by society, economy etc. It is not always possible to capture all components of such a process.

In the following 2 indicators in the sphere of society, socio-economy and spatial development completed by indicators for ACCESS core themes (goods of daily need, Mobility and ICT).

The information for the indicators shall be collected on the municipality level (example Tyrol: Gemeinden), test area (example Tyrol: Bezirk Landeck) and region (example Tyrol: Bundesland Tirol). The indicators themselves will be calculated automatically on the basis of the statistical data filled in. Calculations of (regional) averages follow equal rules.

A Social Indicators

Indicator 1 **Population Development (Bevölkerungsentwicklung)**

Annual average of the relative change in resident population for a time period of 10 – 20 years



$POP_DEV = (fx\ LN\ POP_ACT - fx\ LN\ POP_BACK) / YEARS$ Percent 2 decimal places

$fx\ LN$ Logarithmus Naturalis

Indicator 2a **Old-age Dependency Ratio (Altenquotient)**

The ratio of the number of the most actual Population elder than 64 years generally economically inactive divided by the number of persons of working age (15 – 65 years).

$POP_OLD_RATE = POP_OLD / (POP_ACT - POP_OLD - POP_YOUNG) * 100$ Percent 0 decimal places

Indicator 2b **Young age Dependency Ratio (Jugendquotient)**

The young-age dependency ratio is the ratio of the most actual Population younger than 15 years divided by the number of persons of working age (15 – 65 years).

$POP_YOUNG_RATE = POP_YOUNG / (POP_ACT - POP_OLD - POP_YOUNG) * 100$
Percent 0 decimal places

B Socio-economic Indicators

Indicator 3 **Maximum Population Ratio (Quotient der Maximalbevölkerung)**

The ratio of the total of resident and working population as well as the number of touristic overnight stays (entire year) divided by the number of the resident population.

$POP_MAX_RATE = (POP_ACT + POP_WORK_IN - POP_WORK_OUT + OVNSTAY_TOUR / 365) / POP_ACT * 100$ Percent 0 decimal places

Indicator 4 **Development of Enterprises (Entwicklung von Unternehmen)**

Average annual change in the number of enterprises (not including farms) for a time period of 10 – 20 years.

$ENT_DEV = (fx\ LN\ ENT_ACT - fx\ LN\ ENT_BACK) / YEARS$ Percent 2 decimal places

C Spatial Indicators

Indicator 5a **Settlement Concentration Ratio 500 (Siedlungskonzentration über 500 EW)**

Ratio of the resident population living in compact settlements larger than 500 inhabitants divided by the most actual resident population.

$SETT_CONC_L500 = POP_SETT_L500 / POP_ACT * 100$ Percent 0 decimal places

Indicator 5a **Settlement Concentration Ratio 1.000 (Siedlungskonzentration 1.000 EW)**

Ratio of the resident population living in compact settlements larger than 1.000 inhabitants divided by the most actual resident population.

$SETT_CONC_L1.000 = POP_SETT_L1.000 / POP_ACT * 100$ Percent 0 decimal places



Indicator 6a Regional Reachability Individual Traffic (Regionale Erreichbarkeit im Individualverkehr)

Time spent in order to reach the next regional center (the regional center is Yverdon and is located inside the testarea by individual motorised traffic. Calculation of regional average is to weight on (local) resident population numbers without regard to that value of the regional center.

REACH_REG_IT Minutes 0 decimal places

Indicator 6b Regional Reachability Public Transit (Regionale Erreichbarkeit im öffentlichen Personennahverkehr)

Time spent in order to reach the next regional center (the regional center is Yverdon and is located inside the testarea) by public transport. Calculation of regional average is to weight on (local) resident population numbers without regard to that value of the regional center.

REACH_REG_PT Minutes 0 decimal places

C Special Indicators (optional)

Indicator 7 Maximum Frequency Public Traffic (Maximale Bedienungsfrequenz im öffentlichen Nahverkehr)

Daily departures of public transport on best served stopping points (line stops only in one direction). Calculation of regional average is to weight on (local) resident population numbers without regard to that value of the regional center.

FREQ_PTRAF_MAX Number 0 decimal places

Indicator 8 Density of Groceries by Resident Population (Dichte an Einzelhandelsgeschäften mit Lebensmittelangebot nach der Wohnbevölkerung)

The number of most actual resident population divided by the number of groceries (incl. bakeries and butcheries)

DENS_GROC_POP = POP_ACT / FOOD_SHOP Person 0 decimal places

Indicator 9a Private Broadband Access (Breitband Zugang für Haushalte)

The ratio of the number of households with broad band access divided by the most actual number of households.

BBAND_PRVACC_RATE = HOHO_BBAND / HOHO_ACT * 100 Percent 0 decimal places

Indicator 9b Private Internet Usage (Internetnutzung durch Private)

The ratio of the population using internet divided by the most actual resident population.

INTERNET_PRVUSE_RATE = POP_INTUSE / POP_ACT * 100 Percent 0 decimal places



D Classification

Similar legend of classification

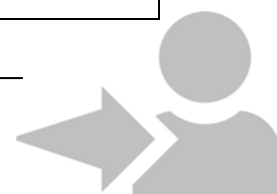
Indicator	Very low	low	mean	high	very high
Color	dark blue	blue	yellow	pink	red

Value Ranges

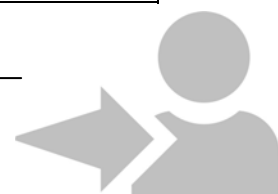
1 POP_DEV	< -0,99	-0,99 to -0,25	-0,24 to 0,25	0,26 to 1,00	> 1,00
2a POP_OLD_R.	< 21	21 - 25	26 - 30	31 - 35	> 35
2b POP_YOUNG_R.	< 16	16 - 20	21 - 25	26 - 30	> 30
3 POP_MAX_RATE	< 75	75 - 94	95 - 109	110 - 150	> 150
4 ENT_DEV	< -0,99	-0,99 to -0,00	-0,01 to 1,00	1,01 to 2,00	> 2,00
5a SETT_CONC_L500	< 21	21 - 40	41 - 60	61 - 80	> 80
5b SETT_CONC_L1.000	< 21	21 - 40	41 - 60	61 - 80	> 80
6a REACH_REG_IT	> 59	59 - 45	44 - 30	29 - 15	14 - 0
6b REACH_REG_PT	> 59	59 - 45	44 - 30	29 - 15	14 - 0
7 FREQ_PTRAFF_MAX	0	1 - 6	7 - 12	13 - 24	> 24
8 DENS_GROC_POP	0	> 1.000	501 - 1.000	251 - 500	1 - 250
9a BBAND_PRVACC_R.	0 - 19	20 - 39	40 - 59	60 - 79	80 - 100
9b I.NET_PRVUSE_R.	0 - 19	20 - 39	40 - 59	60 - 79	80 - 100

7.4. Detailed description of good practices

Good Practice Examples 1: PubliCar and night-bus or night-train					
1. Domain(s) of public services involved					
	ICT		Public transport X		Every day needs
	Others:				
2. Target group					
People with no private cars: young and elderly people or people with no second car.					
3. Territorial level or extent					
PubliCar is active in 30 different areas in Switzerland where this service is available. In the Nord vaudois region, 4 areas exist.					
4. For how long it has been running / operating?					



PubliCar started 10 years ago and had since then a continuous extension.
5. Basic idea and aim of your good practice in the provision of public services?
The customer calls the enterprise within the office hours at least 24 hours in advance. According to the demands, the enterprise matches as well as possible the demand and fixes the hour of departure, usually close to an hour maximum to the wished departure time. The demands cannot be satisfied when they are too close to the normal public transportation schedule. This service works on working days, usually from 8 to 17. For the night-bus or night-train, departures are fixed and out of the regular schedule.
6. Background / main reasons for implementation of this particular service and how did the operation emerge?
In the less populated areas, the regular public transport wasn't either too rare to be attractive and match the demands or too expensive for empty buses or trains. The public authorities decided that they couldn't afford a regular service for such a small demand. In order to keep a service, the private transport enterprises with the regional authorities developed an offer on demand with small buses that runs almost door-to-door.
7. Who was the initiator?
Public authorities and private transport enterprises.
8. How does it work / function?
The customer calls the enterprise within the office hours at least 24 hours in advance. According to the demands, the enterprise matches as well as possible the demand and fixes the hour of departure, usually close to an hour maximum to the wished departure time. The demands cannot be satisfied when they are too close to the normal public transportation schedule. This service works on working days, usually from 8 to 17. For the night-bus or night-train, departures are fixed.
9. Who is the provider?
The provider is a private transport enterprise that has got the public transport concession. The service is paid by the regional (canton) and the local communities and the customer.
10. Why is it considered innovative?
It is a flexible service, with small buses that are more adapted to the small demand existing out of commuter's departures or arrivals. It matches the occasional demands of elderly people and people without private cars.
11. Has the provision required special institutional arrangements?
There is an agreement that this service is part of the public transportation system and is therefore partly supported by public authorities.
12. What were the initial costs (in €) and how was it financed?
The financing is part of the usual financing system for public transportation. No more costs were created because this system on bus on demand has deleted some regular lines with big empty buses.
13. What are the annual running costs (in €) and how are they financed?
The customer pays the normal ticket price + a surcharge of CHF 3.- (2.-€). It is part of the usual distribution of the costs, between customers, local municipalities and Canton.
14. Are there any problems / obstacles encountered / identified so far?



This system works well for occasional demands. It shows some limits when the customer expects a regular and precise system: as it works on demand, the transporter will combine the most efficient transport route. The customer might have to adapt his demand within more or less 30 to 45 min. The route can also be longer as the bus has to keep up other customers on the way (a door-to-door route is often longer than the direct route).

When the service has to face a lot of demands, it becomes quite hard to keep the costs low and the service efficient.

15. Any feedback and/or evaluation available? Do you plan to assess the operation? How?

Annual results (number of customers, kilometers and costs) are available by the transport enterprise.

16. Future plans

This system is being evaluated to better or change some practises, f.eg. turning from door-to-door service in an regular route.

17. Do you think that this good practice is transferable to other regions? (Please give also an estimation 1) good 2) medium 3) not transferable)

This project is transferable to other regions if it exists a system of distribution of the costs (2).

18. Do you think that this good practice is transferable to other areas of domain in public services? (Please give also an estimation 1) good 2) medium 3) not transferable)

Too specific to transport system.

19. Contact information

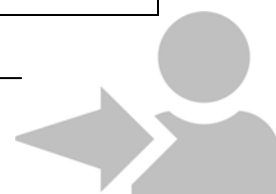
Monsieur Jean-Charles **Lagniaz** - Car Postal Ouest - Directeur adjoint
Place de la Gare 1 – CH-1401 Yverdon-les-Bains
058 386 09 78 - 058 667 33 99
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10. More information (website, contact person)

<http://www.carpostal.ch/pag-startseite/pag-taeglich-unterwegs/pag-fahrplan-und-linienverkehr/pag-publicar-angebot.htm>



Good Practice Examples 2: Poste-it and Livraison-les-Bains					
1. Domain(s) of public services involved					
	ICT		Public transport	X	Every day needs
X	Others: sustainable mobility				
2. Target group					
Enterprises and private for postal delivery – Private (family, elderly and/or disabled people) for daily needs					
3. Territorial level or extent					
Yverdon-les-Bains and surrounding villages for the postal delivery and only Yverdon-les-Bains for the daily needs (groceries, medicines, etc.)					
4. For how long it has been running / operating?					
The enterprise started two years ago. The extension in Neuchâtel occurred this spring as well as the new service for groceries delivery.					
5. Basic idea and aim of your good practice in the provision of public services?					
Poste-it is a private service only using bikes offering a house-to-house post distribution (mainly to the enterprises) in Yverdon-les-Bains and surroundings. This enterprise is connected to similar private enterprises in other cities of Switzerland. They have connections to the railway services and use only sustainable transportation for letter and packages distribution. After two years, this service has been now extended to Neuchâtel. The same enterprise has also recently proposed in Yverdon-les-Bains a service for delivering groceries or other daily supplies for private. A few shops are now offering this service to their customers.					
6. Background / main reasons for implementation of this particular service and how did the operation emerge?					
The idea was to develop in this city (and surroundings) a non-polluting delivery system with no CO2-emission. Bicycles are also very convenient and competitive in the traffic jam and on short distances.					
7. Who was the initiator?					
Two young people.					
8. How does it work / function?					
The customer calls the enterprise within the office hours (Mo-Fri 8-18:00) and an hour later the service is taken over. By groceries, the delivery takes place in the next 2 hours. The shops that are proposing this service organize a deposit for the groceries. The bikers of the enterprise come and take the order and go to the indicated address.					
9. Who is the provider?					
A private enterprise of two people, now extended to 3-4 other persons.					
10. Why is it considered innovative?					



It is a sustainable service, with no pollution. It is very flexible. In the center of the city (pedestrian zone), it has a better reachability than public transport or private cars
11. Has the provision required special institutional arrangements?
Not really. By the time, this enterprise has established some regular contacts and contracts with the official Poste and also with the Federal Train Company (CFF) in order to have access to the postal wagon of the train. For the groceries delivery, the city supports this service with a financial help of ca. € 8'000.-: prices for the shop-owners and the customers are therefore more attractive.
12. What were the initial costs (in €) and how was it financed?
The financing was totally private.
13. What are the annual running costs (in €) and how are they financed?
The customer pays the service for the postal delivery. For the groceries delivery, the costs is shared by 1/3 the city, 1/3 the shop owners and 1/3 the customer, so that it cost CHF 3.- (2.- €) per delivery for the customer.
14. Are there any problems / obstacles encountered / identified so far?
This system works well for occasional demands. It shows some limits when the customer expects a regular and precise system: as it works on demand, the transporter will combine the most efficient transport route. The customer might have to adapt his demand within more or less 30 to 45 min. The route can also be longer as the bus has to keep up other customers on the way (a door-to-door route is often longer than the direct route). When the service has to face a lot of demands, it becomes quite hard to keep the costs low and the service efficient.
15. Any feedback and/or evaluation available? Do you plan to assess the operation? How?
Annual results (number of customers, kilometers and costs) are available by the enterprise.
16. Future plans
An extend on other transport needs is possible.
17. Do you think that this good practice is transferable to other regions? (Please give also an estimation 1) good 2) medium 3) not transferable)
This project is easily transferable to other regions (1).
18. Do you think that this good practice is transferable to other areas of domain in public services? (Please give also an estimation 1) good 2) medium 3) not transferable)
Too specific to transport system.
19. Contact information Paul Kormann – rue du Lac 46 – 1400 Yverdon-les-Bains – 024 425 44 77 Raoul Payot - rue des Fahys 21 – 2000 Neuchâtel – 032 724 17 77 info@poste-it.ch
10. More information (website, contact person)
www.poste-it.ch - Paul Kormann and Raoul Payot.



Good practice examples 3: Mobility planning for enterprises					
1. Domain(s) of public services involved					
X	ICT	X	Public transport		Every day needs
	Others:				
2. Target group					
French employees of four watch-making enterprises.					
3. Territorial level or extent					
Two buses connect Vallee de Joux, Vallorbe, Pontarlier (F), an other bus connect Vallée de Joux to Mouthe-Les Rousses (F).					
4. For how long it has been running / operating?					
The first bus started 2 years ago, the second one 18 months ago, the 3 rd a year ago.					
5. Basic idea and aim of your good practice in the provision of public services?					
Vallee de Joux is part of the district Jura Nord vaudois. It has a long tradition in watch-making and a lot of well-known high quality brands are located in this small valley of 6'000 inhabitants. Over 3'000 jobs are offered, so that a lot of employees come from othe regions, especially from France. Traffic of individual cars has been growing, creating disturbances in the transit villages. Four enterprises have proposed and financed 3 buses for daily common transport. Further, for those who practice daily car-sharing, a free sheltered place of park is guaranteed.					
6. Background / main reasons for implementation of this particular service and how did the operation emerge?					
The extension of an enterprise was planned on a spot, where the parking places were not sufficient. This enterprise had to find other ways to extend their working places with small extension of the parking lot.					
7. Who was the initiator?					
Public authorities (no surfaces for parking lots available) and private enterprises.					
8. How does it work / function?					
The enterprises have made detailed questionnaire among their staff and debates to know their needs and daily route.					
9. Who is the provider?					
The provider is a private transport enterprise that is paid by the private industries to offer this service.					
10. Why is it considered innovative?					
Enterprises are more concerned with environmental issues and pay attention to the problems of their employees. They also calculated that buses were cheaper than building huge parking lots.					



11. Has the provision required special institutional arrangements?
No, but the local communities were involved in the project.
12. What were the initial costs (in €) and how was it financed?
The enterprise appointed a specialized enterprise to analyze the traffic (origins and destinations) and to propose some solutions (called mobility planning)
13. What are the annual running costs (in €) and how are they financed?
The enterprises pay the costs.
14. Are there any problems / obstacles encountered / identified so far?
This specialized enterprise had to manage the first measures
15. Any feedback and/or evaluation available? Do you plan to assess the operation? How?
Annual results (number of customers, kilometers and costs) are available by the enterprises.
16. Future plans
This system is being evaluated to better or change some practises. A car-sharing system could be the next step.
17. Do you think that this good practice is transferable to other regions? (Please give also an estimation 1) good 2) medium 3) not transferable)
This project is transferable to other regions if there are enterprises of a certain size (over 100 employees) or a pool of very close located enterprises. (2).
18. Do you think that this good practice is transferable to other areas of domain in public services? (Please give also an estimation 1) good 2) medium 3) not transferable)
Too specific to transport system.
19. Contact information Mobilidée sàrl – 1, av. du Mail - Entre-sol - CH-1205 Genève Tél: 022 321 23 77 - Fax: 022 321 23 74
10. More information (website, contact person)
www.mobilidee.ch http://www.vd.ch/fileadmin/user_upload/themes/mobilite/transports_publics/fichiers_pdf/LaureatPrixmob2008JaegerLeCoultrre.pdf or www.jaeger-lecoultre.com

