



## Euromountains.net Project – theme 1

*INTERREG III C*

**Sustainable territorial development and  
improvement of services in mountain areas**

*Aosta Valley Région*

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Final document



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# 1. Study area

The Aosta Valley is the smallest (3262 km<sup>2</sup>) and less populated (114.000 hab) of the regions of Italy.

The Aosta Valley is a typical mountain Region with an average height of 2106 m; for what concerns the improvement of the services in a durable way in mountain areas, we have chosen an area composed by a group of Municipalities which have similar characteristics.

The selected Municipalities, which better represent the problems of our mountain Municipalities, are: Chamois, La Magdeleine, Valgrisenche, Bionaz , Oyace, Champorcher and Pontboset.

The common characteristics are connected with: population, road infrastructures, traditions, water as an economic resource, agro-rural development, avalanche and landslide risks, presence of shelters and tourist activities.

The choice of these Municipalities was made after a long debate between the Agriculture Department, the Multi-sector Program Office and the responsible for the tasks.



Figure 1 Aosta Valley Region and the study area (dark blue)

Tableau 1.1 Description of study area through bibliographic data

	Height	Refuge	Tourism		Avalanche-landslides risks H=high M=medium B=low	Inhabitants			Roads		Water resources	Tradition	Agro-rural development (ISFORT) <sup>2</sup>
			Tourist activities : (hotels, youth hostels, group residences, B&B, rural houses)	Tourist rate (ISFORT) <sup>3</sup>		N°.	Population density (ISFORT) <sup>4</sup>	Demographic rate of depopulation (1998-2001) (ISFORT) <sup>1</sup>	N° streets	Infrastructural accessibility (ISFORT) <sup>5</sup>			
La Magdeleine	1664	0	4	17/73	H	91	57/73	69/73	1	59/73	8 mills (restructure with leader+) alimanted by some reservoir which use the water of the source	Cereal-culture : from wheat to bread (ovens and mills)	63/73
Valgrisenche	1664	2	7	16/73	H	187	71/73	16/73	1	69/73	Barrage of Beauregard Crossed by Doire de Valgrisenche	Draperies weaving (drap). Choral Group.	11/73
Bionaz	1606	4	6	23/73	H	259	70/73	46/73	1	68/73	Barrage de Place Moulin Crossed by le Buthier de Valpelline	Carnival, wood instrument manufacturing	5/73
Oyace	1377	0	0	71/73	H	220	59/73	18/73	1	64/73	Crossed by le Buthier de Valpelline	Carnival, wood instrument manufacturing	7/73
Champorcher	1427	2	6	27/73	M	422	62/73	62/73	1	58/73	Mills and numerous lakes Crossed by le Ayasse.	Nemp weaving (coop. "Lo Dzeut")	49/73
Chamois	1815	1	4	12/73	H	127	61/73	67/73	1	48/73	Numerous glacial lakes and water sources.	Artisan manufacturing of panniers	4/73
Pontboset	780	0	3	45/73	M	228	63/73	68/73	1	46/73	Crossed by Ayasse	Chestnuts : production and conservation of the fruit and of the wood	56/73

<sup>1</sup> Percentage variation of resident population between 1998-2001

<sup>2</sup> People working in agriculture every 100 inhabitants

<sup>3</sup> Tourism presence every 100 inhabitants (Ex. 17/73 show that the tourism presence every 100 inhabitants in La Magdeleine Municipality is the 17<sup>th</sup> more high in relation with the other 73 studied Municipalities in Aosta Valley)

<sup>4</sup> Inhabitants in 100 km<sup>2</sup>

<sup>5</sup> Distance from: motorway, national road...

## 2. Description of the services

Services studies were developed following this methodology:

- 1) Identification of three or four « service classes » for each service system considered by the study.
- 2) Identification of 3 indicators, in relation to each macro-indicator; the three indicators, according to the macro-indicators of reference, will evaluate some « sub-services » which belong to the « service class ».

Table 2.1 Services system and services classes description

Transports, Internet access points and ITC	Health and Social	Culture and entertainment
Services not on roads Road Services Telecommunication services	Primary health Assistance Services for under 18 Services for old people Services for disabled people	Activities in contact with nature Cultural and traditional activities Sport

Following tables identify and define studied sub-services

Table 2.2 Legend for interpretation of table 2.3, 2.4 et 2.5

<b>PO</b> = population	<b>P</b> = paying	<b>ISTAT</b> = Istituto nazionale di statistica <a href="http://www.istat.it/">http://www.istat.it/</a>
<b>POEN</b> = children	<b>G</b> = free	<b>SAV</b> = Società autostrade valdostane <a href="http://www.sav-a5.it">http://www.sav-a5.it</a>
<b>POPA</b> = old people		<b>FS</b> = Ferrovie dello stato <a href="http://www.trenitalia.it">www.trenitalia.it</a>
<b>POPD</b> = disabled people	<b>D</b> = available/existent	<b>SAVDA</b> = Società autoservizi Valle d'Aosta <a href="http://www.savda.it">www.savda.it</a>
		<b>SADEM</b> = Società Autotrasporti della Dalmazia e Montenegro <a href="http://www.sadem.it">www.sadem.it</a>
<b>T</b> = tourist	<b>N</b> = no	<b>ISFORT</b> = Istituto superiore di Formazione e ricerca per i trasporti <a href="http://www.isfort.it/">http://www.isfort.it/</a>
<b>E</b> = emergency	<b>O</b> = yes	<b>SISTAN</b> = Sistema statistico nazionale <a href="http://www.sistan.it/">http://www.sistan.it/</a>

Table 2.3 Infrastructural services

Infrastructural services	Competence			Running			Beneficiary (type, paying...)	Present situation	Data source	Mountain specificity / localisation
	Pub	Pr	Mix	Pub	Pr	Mix				
<b>Road services</b>										
Motorways	X					X	PO+T P	D	ISTAT, ISFORT, SISTAN, SAV, RAV	N (to 18 km)
National roads	X					X	PO+T G	D	ISTAT, ISFORT, SISTAN, Region	N (to 15 km)
Regional roads	X			X			PO+T G	D	ISTAT, ISFORT, SISTAN, Region	O
Communal roads	X			X			PO+T G	D	ISTAT, ISFORT, SISTAN, Municipality	O
Country roads	X					X	PO+T G	D (on foot)	Municipality	O
Railways	X					X	PO+T P	D	FS, ISTAT, ISFORT, SISTAN, RFI	N (to 20 km)
Tunnel (Mont Blanc et Grand Saint Bernard)	X					X	PO+T P	D	SITRASB, Regions	N (to 65 km)
Bus/coach	X					X	PO+T P	D	SAVDA, SADEM, ISTAT, ISFORT, SISTAN, VITA, Benvenuto, Region	O
<b>Other transport services</b>										
Airport	X					X	PO+T P	D	Air Vallée, Region, ISTAT, ISFORT, SISTAN	N (to 38 km)
Cableway			X			X	PO+T P	D (1: unique communication street 3: ski 2: materials transport)	Municipality, ISTAT, ISFORT, SISTAN, AVIF, Region	O
Helicopters	X				X		E+T G/P	D (3 platforms)	Region, ISTAT, ISFORT, SISTAN	O
<b>Telecommunication</b>										
Telephone lines		X			X		PO+T P	D	Telecom, Infostrada	O
ADSL		X			X		PO+T P		Telecom, Region	
GSM		X			X		PO+T P	D (coverage 90% of territory)	TIM, Vodafone, Wind, Region	O
Poly-function islands			X			X	PO+T P	D	Centro Sviluppo, Region	N (to 20 km)§

Table 2.4 Culture and entertainment services

Culture and entertainment services	Competence			Running			Beneficiaries (type, dimension, paying...)	Present situation	Data source	Mountain specificity/localisation
	Pub	Pr	Mix	Pub	Pr	Mix				
<b>Sport</b>										
Sport centres			X		X		PO+T P	D	Region, Municipality, Messenger des sports	O (2)
Traditional sports		X			X		PO P	D	Region, Municipality, Messenger des sports	O
Winter sport			X		X		PO+T P	D	Region, Municipality, Messenger des sports	O
<b>Cultural and traditional activities</b>										
Libraries	X			X			PO+T G	D	Region, Municipality	O (5)
Cinemas		X			X		PO+T P	D	Region, Municipality	N (20 km)
Theatre – Theatre company		X			X		PO+T P	D	Region, Municipality	N (20 km)
Pro Loco	X			X			PO G/P	D	Region, Municipality	O
Museums	X			X			PO+T P	D	Region, Municipality	O (1)
Craftsmanship		X			X		PO+T P	D	Region, Municipality	O
<b>Activities in contact with nature</b>										
Picnic areas	X			X			PO+T P/G	D	Region, Municipality	O
Itineraries in nature	X				X		PO+T G	D	Region, Municipality	O
Refuges		X			X		PO+T P	D	Region, Municipality	O (9)

Table 2.5 Health and social assistance services

Health and social assistance services	Competence			Running			Beneficiaries (type, dimension, paying...)	Present situation	Data source	Mountain specificity/localisation
	Pub	Pr	Mix	Pub	Pr	Mix				
<b>Primary assistance</b>										
Pharmacies	X			X			PO+T P/G	D	Region, Municipality	O
Hospital	X			X			PO+T P/G	D	Region, Municipality	N (38 km)
Aid-centres	X			X			PO+T P/G	D	Region, Municipality	O
Consultation centres	X			X			PO+T G	D	Region, Municipality	O
<b>Services for under 18</b>										
Day nursery			X			X	POEN P/G	D	Region, Municipality	O
Creche			X			X	POEN P/G	D	Region, Municipality	O
Kindergarten			X			X	POEN P/G	D	Region, Municipality	O
Primary school			X			X	POEN P/G	D	Region, Municipality	N
Comprehensive school			X			X	POEN P/G	D	Region, Municipality	O
Young people centres			X			X	POEN P/G	D	Region, Municipality	O
Wet nurse for family			X			X	POEN P/G	D	Region, Municipality	O
Reception centres		X			X		POEN G	D	Region, Municipality	N (38 km)

<b>Services for old people</b>										
Assistant for old people (badante)			X			X	POPA G	D	Region, Municipality	O
Day centres	X				X		POPA, POPD G	D	Region, Municipality	O (1)
Meeting centres	X				X		PO G	D	Region, Municipality	O (1)
Residences		X			X		POPA P	D	Region, Municipality	N (16 km)
Guided help and guided assistance	X				X		POPA G	D	Region, Municipality	O
Seaside stay	X				X		POPA P	D	Region, Municipality	O
House-to-house assistance	X				X		POPA G	D	Region, Municipality	O
Micro community	X				X		POPA P	D	Region, Municipality	N (16 km)
Community - accommodation	X				X		POPA P	D	Region, Municipality	O (1)
<b>Services for disabled people</b>										
Special transport	X			X			POPD G	D	Region	O
CEA (Educational Assistance Centre)	X			X			POPD G	D	Region, Municipality	O
Educational centre	X			X			POPD G	D	Region, Municipality	O
Agricultural centre	X			X			POPD G	D	Region, Municipality	N
Horse Re-education	X			X			POPD G	D	Region, Municipality	N
Seaside stay	X			X			POPD G	D	Region, Municipality	O
House-to-house assistance	X			X			POPD G	D	Region, Municipality	O
Guided help and guided assistance	X			X			POPD G	D	Region, Municipality	O

### 3. Macro-indicators table

Table 3.1 Macro indicators for infrastructural services

	<b>Territoriality, relevance, local participation and control, adaptation to local conditions</b>	<b>Integration / interaction</b>	<b>Efficiency / cost</b>	<b>Proximity / accessibility</b>	<b>Continuity / sustainability in time</b>	<b>Innovativeness</b>
<b>Road services (motorway, state road, railway, bus...)</b>	€spent/users	N° traffic signs showing not road services/km of road infrastructure  N° traffic signs showing telecommunication infrastructure/km of road infrastructure	Construction/maintenance/management of road services €spent/km/ total resident population	Average velocity to reach the toll gate and railway station distance (km)/time  Signs to reach the Common from toll gate and railway station n° of crossroads with correct signs/total n° of crossroads	N° days/year in which road is closed (Common no reach by road services)	N° of territory protection structure (avalanche protection, soil bioengineering...)/km <sub>TOT</sub>  N° of covered bus stops /n° total bus stops on the studied area  Km in which frost technologies are used (salt-spreader, special asphalt...)/ km <sub>TOT</sub>
<b>Not road services (airport, helicopter platform cableway...)</b>	Construction/maintenance/management not road services €spent/year/users  N° intervention (emergency and ordinary) via helicopter-plane in the area/year  N° services done by cableway (skiers-residents-transport)/year	Average velocity of cableway to reach road services distance (km)/ time	Construction/maintenance/management not road services €spent/year/ total resident population	Average velocity to reach the main region airport distance (km)/time	N° days /year Common not reachable aerial way  N° hours a day in which not road services are available (emergency not included)	Years of installation/years of concession  N° of helicopters with less than 10 years/ n° total of helicopters
<b>Telecommunication infrastructures (GSM, ADSL, telephone line...)</b>	n° Internet users / total resident population	N° emergency calls per year/ total resident population  Time passed from the call to the assistance arrival	Construction/maintenance/management telecommunication services €spent/year/ total resident population	Distance to the first ADSL point (Km)  Average velocity to reach the first "poly-function island" distance (km)/ time	N° days/year in which the telephone line does not work	Km in which the line is earth up/km total of line  N° of open structure with internet access/n° total open structure

Table 3.2 Macro indicators for culture and entertainment

	<b>Territoriality, relevance, local participation and control, adaptation to local conditions</b>	<b>Integration / interaction</b>	<b>Efficiency /cost</b>	<b>Proximity / accessibility</b>	<b>Continuity / sustainability in time</b>	<b>Innovativeness</b>
<b>Sport</b>	<p>N° inhabitants member of sport local Association / total resident population</p> <p>Construction/ maintenance/management of sport installation €spent/users</p>	<p>N° events organized in collaboration with the cultural activities sector (library, pro loco...)/total resident population</p>	<p>Construction/ maintenance/management sport installation €spent/total resident population</p> <p>€destined to sport activities/n° total members of sport local Association</p>	<p>Average velocity to reach first sport installation not present in the area distance (km)/time</p> <p>n°of sport installation in the ray of 15 Km</p>	<p>N° days/year in which sport installation are opened</p>	<p>N° local sport Associations of which is possible to found information in the web site (Es. Google)/ n° total of local sport Associations</p>
<b>Cultural and traditional activities (library, cinema, theatre, pro loco...)</b>	<p>N° loaned books/year / total resident population</p> <p>N° volumes of local fund /n° volumes total</p> <p>N° participants local activities/ total resident population</p>	<p>N° activities in contact with nature organized by cultural and traditional services / total resident population</p>	<p>Construction/ maintenance/management cultural and traditional activities €spent/year/ total resident population</p>	<p>Average velocity to reach the first cultural and traditional service not present in the area distance (km)/ time</p> <p>n° infrastructure/organisation of cultural and traditional activities in the ray of 15 Km</p> <p>n° days from the request to the arrival of a book of another library</p>	<p>N° days /year library is open</p>	<p>N° users that use innovative services (Internet, sale poly-function...)/ total resident population</p> <p>N° cultural activities with an own e-mail/ n° total existing cultural activities</p> <p>N° of cultural activities with an own web site/ n° total existing cultural activities</p>
<b>Activities in contact with the nature (picnic areas, nature way, mountains refuges...)</b>	<p>N° mountains refuges managed by resident population/n° total mountains refuges</p> <p>N° picnic areas managed by resident population /n° total picnic areas</p> <p>N° users mountains refuges belonging the resident population/ n° total users mountains refuges</p>	<p>N° sport events in contact with the nature / total resident population</p>	<p>Construction/ maintenance/management activities in contact with nature € spent/year/ total resident population</p>	<p>Hours walking to reach mountains refuges</p> <p>n° activities in contact with the nature in the ray of 15 Km</p>	<p>N° month/year opening /availability of activities in contact with nature</p>	<p>N° activities in contact with nature built with eco-compatibility criteria (ISO 14000, solar panels...)/n° total activities in contact with nature</p>

Table 3.3 Macro indicators for health and social assistance

	<b>Territoriality, relevance, local participation and control, adaptation to local conditions</b>	<b>Integration / interaction</b>	<b>Efficiency/ cost</b>	<b>Proximity / accessibility</b>	<b>Continuity / sustainability in time</b>	<b>Innovativeness</b>
<b>First sanitary assistance (pharmacies, hospital...)</b>	N° intervention of medic guard/ total resident population		Construction/ maintenance/management first sanitary assistance €spent/total resident population	Average velocity to reach the closer first sanitary assistance service not present in the area distance (km)/ time	N° days /year opening the closer pharmacy	N° medical reports sent by mail/ n° total of medical reports done in the Common
<b>Under age services (nursery, school, nanny...)</b>	€invested at the local level for the construction/ maintenance/management of under age services/users	N° expert consultancies requested to the first sanitary assistance by under age people using these services /total requests	Construction/ maintenance/management under age services €spent/total resident population	Average velocity to reach the first under age service not present in the area distance (km)/ time	N° days /year opening the closer services for under age people	N° children with “family nanny”/n° total children between 0-3 years
<b>Old people services (home help...)</b>	€invested at the local level for construction/ maintenance/management of old people services/users	N° expert consultancies requested to the first sanitary assistance by old people using these services /total requests  €spent in medicine	Construction/ maintenance/management services for old people €spent/total resident population	Average velocity to reach the first service for old people not present in the area distance (km)/ time	N° days /year opening the closer services for old people	N° intervention with guided-assistance (telesoccorso)/n° total old people (>65 years)
<b>Disabled services</b>	€invested at the local level for construction/ maintenance/management of disabled services/users	N° disabled follow by the surgery	Construction/ maintenance/management services for disabled €spent/total resident population	Average velocity to reach the first service for disabled not present in the area distance (km)/ time	N° days /year opening the closer services for disabled people	N° intervention with guided-assistance /n° total disabled  N° disabled able to used the PC/n° total disabled

## 4. Table of synthetic indicators

Table 4.1 Synthetic indicators for infrastructural services

	Territoriality, relevance, local participation and control, adaptation to local conditions	Integration/Interaction	Efficiency / cost	Proximity / accessibility	Continuity / sustainability in time	Innovativeness
<b>Road Services (motorways, national regional roads, railways, buses,...)</b>	<i>Datum not available</i>	Not GOOD The interaction is weak with a low availability linked to a little integrated communication and to disadvantageous territorial conditions	MEDIUM The expense that the local population must pay is superior to the cost of town people	MEDIUM (Proximity) Considering the type of streets and the frequency of the obstacles Not GOOD (accessibility) The Municipalities of the test area are accessible with difficulty from the place of greater tourist flux	GOOD Continuity is assured by nearly 365 days/year	GOOD Considering the good presence of works of land protection and the use of frost-technologies we consider good the level of innovativeness
<b>Other transport Services (airport, platform helicopters, cableway,...)</b>	GOOD The investment/user ratio of the test area is good, considering the formulated ad hoc indicators	MEDIUM The interaction is weak with a low availability linked to a little integrated communication and to disadvantageous territorial conditions	MEDIUM The expense that the local population must pay is superior to the cost of town people	MEDIUM (Proximity) Considering the type of streets and the frequency of the obstacles	MEDIUM Continuity is assured by nearly 300 days/year	<i>Datum not available</i>
<b>Telecommunications on infrastructures (GSM, ADSL, telephone line...)</b>	<i>Datum not available</i>	Not GOOD The interaction is weak with a low availability linked to a little integrated communication and to disadvantageous territorial conditions	MEDIUM The expense that the local population must pay is superior to the cost of town people	MEDIUM (Proximity) Considering the type of streets and the frequency of the obstacles	GOOD Continuity is assured by nearly 365 days/year	GOOD Considering the tendency to put underground the technological cable nets we consider good the level of innovativeness

Table 4.2 Synthetic indicators for culture and entertainment

	<b>Territoriality, relevance, local participation and control, adaptation to local conditions</b>	<b>Integration/Interaction</b>	<b>Efficiency / cost</b>	<b>Proximity / accessibility</b>	<b>Continuity / sustainability in time</b>	<b>Innovativeness</b>
<b>Sport</b>	<b>MEDIUM</b> Although the stimuli and the aggregation opportunities are not missing only part of the population is actively participating to local sport activities (sport, culture,...)	<b>GOOD</b> Thanks to the scarcity of the population the interaction opportunities among sport, cultural and traditional activities and activities in contact with nature are numerous and are carried out in co-operation organising events	<b>MEDIUM</b> The expense that the local population must pay is superior to the cost of town people	<b>GOOD</b> Although many culture and free-time services are not present in the place, their accessibility (in terms of distance and time to reach them) is good	<b>MEDIUM</b> In spite of a good continuity of the services, considering the peculiarities of the pilot Municipalities, the weather and the season can condition the availability along the entire year.	<b>Not GOOD</b> A great part of the people active in sport activities is not inclined to the use of communication services for a generational question.
<b>Cultural and traditional activities (libraries ,cinemas, theatres, pro loco...)</b>	<b>GOOD/MEDIUM</b> The library service works very well whereas for what concerns cultural and traditional activities only part of the population is actively participating to activities 	<b>GOOD</b> Thanks to the scarcity of the population the interaction opportunities among sport, cultural and traditional activities and activities in contact with nature are numerous and are carried out in co-operation organising events	<b>MEDIUM</b> The expense that the local population must pay is superior to the cost of town people	<b>GOOD</b> Although many culture and free-time services are not present in the place, their accessibility (in terms of distance and time to reach them) is good	<b>MEDIUM</b> The cultural and traditional services are available about 260 days per year.	<b>Not GOOD</b> A great part of the people active in sport activities is not inclined to the use of communication services for a generational question.
<b>Activities in contact with nature (picnic areas, itineraries in nature, refuges...)</b>	<b>MEDIUMN</b> The local people actively participate to the creation and organisation phase of the activity but little participate as users	<b>GOOD</b> Thanks to the scarcity of the population the interaction opportunities among sport, cultural and traditional activities and activities in contact with nature are numerous and are carried out in co-operation organising events	<b>MEDIUM</b> The expense that the local population must pay is superior to the cost of town people	<b>GOOD</b> Although many culture and free-time services are not present in the place, their accessibility (in terms of distance and time to reach them) is good	<b>MEDIUM</b> In spite of a good continuity of the services, considering the peculiarities of the pilot Municipalities, the weather and the season can condition the availability along the entire year.	<b>MEDIUM</b> Lots of activities in nature are adapting to new eco-compatibility indications; renewable energy sources and ISO 14000 certified activities are growing.

Table 4.3 Synthetic indicators for health and social assistance

	<b>Territoriality, relevance, local participation and control, adaptation to local conditions</b>	<b>Integration/Interaction</b>	<b>Efficiency / cost</b>	<b>Proximity / accessibility</b>	<b>Continuity / sustainability in time</b>	<b>Innovativeness</b>
<b>Primary Health Assistance (Pharmacies , Hospital...)</b>	MEDIUM The health service is efficient and quite adequate to the territory needs, but because it is run by the Region there is a low involvement of local actors.	<i>Datum not available</i>	MEDIUM The expense that the local population must pay is superior to the cost of town people	MEDIUM The basic health and social system services are near and accessible but not the specialised ones	GOOD Continuity is assured by nearly 365 days/year	NOT GOOD A the regional level some innovative services were activated (Ex. medical report sent by e-mail), but the population still not use these services
<b>Under 18 Services (crèche...)</b>	MEDIUM The health service is efficient and quite adequate to the territory needs, but because it is run by the Region there is a low involvement of local actors.	<i>Datum not available</i>	MEDIUM The expense that the local population must pay is superior to the cost of town people	MEDIUM The basic health and social system services are near and accessible but not the specialised ones	GOOD/MEDIUM Continuity is assured by nearly 365 days/year	NOT GOOD A the regional level some innovative services were activated (Ex. Wet nurse for family), but the population still not use enough these services
<b>Old People Services (guided help and house – to-house assistance...)</b>	MEDIUM The health service is efficient and quite adequate to the territory needs, but because it is run by the Region there is a low involvement of local actors.	<i>Datum not available</i>	MEDIUM The expense that the local population must pay is superior to the cost of town people	MEDIUM The basic health and social system services are near and accessible but not the specialised ones	GOOD/MEDIUM Continuity is assured by nearly 365 days/year	MEDIUM/NOT GOOD A the regional level some innovative services were activated (Ex. Guided help), the population use these services but not in a significant way
<b>Disabled People Services</b>	MEDIUM The health service is efficient and quite adequate to the territory needs, but because it is run by the Region there is a low involvement of local actors.	<i>Datum not available</i>	MEDIUM The expense that the local population must pay is superior to the cost of town people	MEDIUM The basic health and social system services are near and accessible but not the specialised ones	GOOD/MEDIUM Continuity is assured by nearly 365 days/year	MEDIUM/NOT GOOD A the regional level some innovative services were activated (Ex. Guided help), the population use these services but not in a significant way

## **Annex I**

### **FORM TO COLLECT DATA ABOUT SERVICES EXISTANCE**

# Euromountains.net

The creation of a European mountainous region  
network for the promotion of a continuous territorial  
development

## Questionnaire n°1

### General data

Date \_\_\_\_\_

Municipality \_\_\_\_\_

Interviewed person (surname, name, position in the Municipality) \_\_\_\_\_

### General data about the Municipality

Altitude \_\_\_\_\_

Number of inhabitants \_\_\_\_\_

Signature of interviewer \_\_\_\_\_

Signature interviewed \_\_\_\_\_

Specify: which services are existing on the territory (concerning services not present on territory, specify the closer one localisation), who is the institutional responsible, who manage the service and who are the potential beneficiaries.

	YES	NO	Closer	Institutional responsibility (public, private, mixed)	Management (public, private, mix)	Beneficiaries (population, tourists...+free/paying)	Note
<b>INFRASTRUCTURAL</b>							
<b>Road services</b>							
Motorways							
National road							
Regional road							
Communal road							
Country road							
Railways							
Tunnel (Mont Blanc et Grand Saint Bernard)							
Bus/coach							
<b>Other transport services</b>							
Airport							
Cableway							
Helicopters							
<b>Telecommunication</b>							
Telephone lines							
ADSL							
GSM							
Poly-function islands							

	YES	NO	Closer	Institutional responsibility (public, private, mixed)	Management (public, private, mix)	Beneficiaries (population, tourists...+free/paying)	Note
<b>CULTURE AND ENTERTAINMENT</b>							
<b>Sport</b>							
Sport centres							
Traditional sports							
Winter sports							
<b>Cultural and traditional activities</b>							
Libraries							
Cinemas							
Theatre –theatre company							
Pro Loco							
Museums							
Craftsmanship							
<b>Activities in contact with nature</b>							
Picnic areas							
Itineraries in nature							
Refuges							

	YES	NO	Closer	Institutional responsibility (public, private, mixed)	Management (public, private, mix)	Beneficiaries (population, tourists...+free/paying)	Note
<b>HEALTH AND SOCIAL ASSISTENCE SERVICES</b>							
<b>Primary assistance</b>							
Pharmacies							
Hospital							
Aid-centre							
Consultation centres							
<b>Services for under 18</b>							
Day nursery							
Kindergarten							
Primary school							
Comprehensive school							
Young people centre							
Wet-nurse for family							
Reception centre							

	YES	NO	Closer	Institutional responsibility (public, private, mixed)	Management (public, private, mix)	Beneficiaries (population, tourists...+free/paying)	Note
<b>Assistance for old people</b>							
Day centre							
Meeting centre							
Residences							
Guided help and guided assistance							
Seaside stay							
House-to house assistance							
Micro community							
Community - accommodation							
<b>Services for disabled people</b>							
Special transport							
CEA (Educational Assistance centre)							
Educational centre							
Agricultural centre							
Horse Re-education							
Seaside stay							
Guided help and guided assistance							

## **Annex II**

### **FORM TO COLLECT DATA FOR INDICATORS CALCULATION**

**Municipality of.....**

(Data are referred to solar year 2003)

	<b>Value</b>
<b><u>General data</u></b>	
Total resident population	<input type="text"/>
n° tourism office	<input type="text"/>
Evaluation of n° of participants to local activities (activities organized by pro loco, la libraries, associations...)	<input type="text"/>
n° total old persons (>65 years)	<input type="text"/>
n° total children (0-3 years)	<input type="text"/>
n° total disabled people	<input type="text"/>
n° interventions of doctor	<input type="text"/>
<b><u>Road services</u></b>	
<b>Road</b>	
€ spent for construction/maintenance/management of roads	<input type="text"/>
n° day in a year that road is closed	<input type="text"/>
Km in which breeze technologies was used (salt distribution, special asphalt)	<input type="text"/>
<b>Bus/autobus</b>	
€ spent for construction/maintenance/management of bus service (Pullman, autobus, school bus)	<input type="text"/>
<b><u>Other transport services</u></b>	
<b>Helicopters</b>	
€ spent for construction/maintenance/management of platform for helicopters	<input type="text"/>
n° users of helicopter platform	<input type="text"/>
n° interventions by helicopter (emergency and ordinary)	<input type="text"/>
n° day in a year in which the Municipality is not reaching by air (not helicopter or plane or cableway)	<input type="text"/>
n° helicopters with less than 10 years	<input type="text"/>
n° total of helicopters	<input type="text"/>
<b><u>Télécommunication</u></b>	
<b>Internet</b>	
n° internet users	<input type="text"/>
Distance to the first ADSL point	<input type="text"/>
n° of bar-restaurant with internet access	<input type="text"/>
n° of hotel - hostel with internet access	<input type="text"/>
n° of camping with internet access	<input type="text"/>
n° of tourism office with internet access	<input type="text"/>
<b>Telephone</b>	
n° day in a year in which the phone lines is not running	<input type="text"/>
n° emergency call	<input type="text"/>
Time running from the emergency call to the aid arrival	<input type="text"/>
km in which telephone line is laid underground	<input type="text"/>
km total of telephone line	<input type="text"/>

**Sport**

n° of inhabitants joined in a local sport club	<input type="text"/>
n° total of total members of local club (residents and not)	<input type="text"/>
€ for sport activities	<input type="text"/>
n° of sport events organized in collaboration with cultural activities (pro loco, libraries)	<input type="text"/>
n° of sport events in the nature	<input type="text"/>
n° of sport installations in radius of 15 km	<input type="text"/>
n° days in a years that sport infrastructures are opened	<input type="text"/>

**Cultural and traditional activities (libraries, cinema, pro loco, museum, craftsmanship)**

n° activities in the nature organized by cultural and traditional services	<input type="text"/>
€ spent for construction/maintenance/management of cultural and traditional activities	<input type="text"/>
n° of infrastructure/organisation of cultural and traditional activities in the radius of 15 km	<input type="text"/>

**Pro loco**

n° of pro loco with an own e-mail address	<input type="text"/>
n° of pro loco with an own web site	<input type="text"/>

**Activities in the nature (picnic areas, itineraries in nature, refuges...)**

€ spent for construction/maintenance/management of activities in the nature	<input type="text"/>
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**Refuges**

n° of refuges in the radius of 15 km	<input type="text"/>
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**Picnic areas**

n° of picnic areas in the radius of 15 km	<input type="text"/>
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**Itinerary in the nature**

n° of nature itineraries in the radius of 15 km	<input type="text"/>
n° months in a year nature itineraries are opened/available	<input type="text"/>
n° nature itineraries build following eco compatibility criteria (ISO 14000, solar panels...)	<input type="text"/>

**Primary sanitary assistance (pharmacies, hospital, doctor in aid centre and consultation centre)**

€ spent for construction/maintenance/management of primary assistance service (pharmacies, hospital, doctor in aid centre and consultation centre)	<input type="text"/>
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**Pharmacy**

n° days in a year that the closer one is opened	<input type="text"/>
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**Day nursery**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Kindergarten**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Primary school**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Comprehensive school**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Young people centres**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Wet-nurse for family**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Reception centres**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Services for old people**

**Assistance for old people (Badante)**

€ spent for construction/maintenance/management of the service

n° of Municipality users


**Day centres**

€ spent for construction/maintenance/management of the service

n° of Municipality users

€ spent for medicines by old person services

n° days in a year that the closer one is opened


**Meetings centre**

€ spent for construction/maintenance/management of the service

n° of Municipality users

€ spent for medicines by old person services

n° days in a year that the closer one is opened


**Residences**

€ spent for construction/maintenance/management of the service

n° of Municipality users

€ spent for medicines by old person services

n° days in a year that the closer one is opened


**Guided help and guided assistance**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° of intervention to old persons with the guided help


**Seaside stay**

€ spent for construction/maintenance/management of the service

n° of Municipality users


**House-to-house assistance**

€ spent for construction/maintenance/management of the service

n° of Municipality users

€ spent for medicines by old person services


**Micro community**

€ spent for construction/maintenance/management of the service

n° of Municipality users

€ spent for medicines by old person services

n° days in a year that the closer one is opened


**Community-accommodation**

€ spent for construction/maintenance/management of the service

n° of Municipality users

€ spent for medicines by old person services

n° days in a year that the closer one is opened


**Services for disabled people**

n° disabled people follow by the consultation centre

n° disabled people able to use the PC


**Special transport**

€ spent for construction/maintenance/management of the service

n° of Municipality users


**CEA (Educational Assistance Centre)**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Educational centre**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Agricultural centre**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Horse re-education**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° days in a year that the closer one is opened


**Seaside stay**

€ spent for construction/maintenance/management of the service

n° of Municipality users


**House-to house assistance**

€ spent for construction/maintenance/management of the service

n° of Municipality users


**Guided help and guided assistance**

€ spent for construction/maintenance/management of the service

n° of Municipality users

n° of intervention to disabled people by guided help


## **Annex III**

**FORM TO COLLECT DATA ON THE TERRITORY**

**Municipality of.....**

Data are referred to the day / /

**Starting from the motorway exit point of Aosta**

Time to reach the Municipality starting from the motorway exit point of Aosta

n° of cross-roads with information panels indicating the Municipality starting from the motorway exit point of Aosta

n° of cross-roads to reach the Municipality starting from the motorway exit point

n°	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

**Starting from the railway station of Aosta**

Time to reach the Municipality starting from the railway station of Aosta

n° of cross-roads with information panels indicating the Municipality starting from the railway station of Aosta

n° of cross-roads to reach the Municipality starting from the railway station of Aosta


**Starting from the end of the Valley**

n° of information panels indicating other transport services (airport, helicopter platform, cableway)

n° of information panels indicating telecommunication services (GSM, ADSL, Poly-function islands)

n° of territory protection work on the way from the end of the Valley and the Municipality

n° of covered bus stops in the Municipality

n° total of bus stops in the Municipality


**Airport (Aosta)**

Time to reach Aosta airport

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