



# Climate changes and eco-tourism projects

28 oct. 2011 – ALPSTAR Conference



# Natural regional Park of Queyras

A protected territory with a project of sustainable development (charter signed for 12 years)

8 Communities, 1300m < villages altitude < 2000m

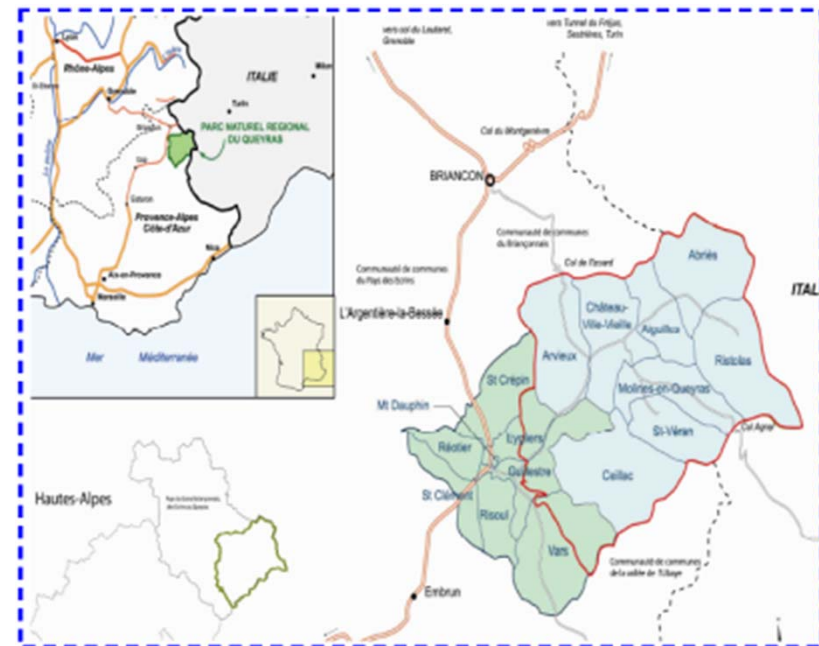
2 500 hab. / 20 000 visitors in summer

Example of Park's areas of action :

- Biodiversity and landscapes
- Water resource management
- Eco-tourism / France-Italy
- Support of mountainous agricultural practices
- Built patrimony and urbanism
- Museums and public information
- Education to environmental stakes
- Energy and climate change

...

- Status : public syndicate (State, communities, local authorities)
- Council of elected representing the local communities, province and region





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# Relation between climate changes and tourism

Climate changes and tourism have a reciprocal relation that should be considered in projects development :

## Mitigation :

**Impacts of tourism on climate changes** linked to :

- Transport and mobility first GES source in touristic areas
- Energy consumptions of tourists residence
- Food and goods proposed on the territory and their carbon contents

## Adaptation :

**Impact of climate changes on tourism** development linked to :

- Decrease of snow coverage impacting winter activities
- Limited water resource impacting some activities and welcome capacity
- Natural risks and their impacts on infrastructures



# Transport and mobility

Transport is the first CO2 impact of tourism in mountain areas

## Actions in Queyras :

Electric bicycles :

- 36 bicycles at disposal in the tourism residences, hotels, camping
- From June to September / free of charge
- Uses : tours in mountain roads or in villages
- Very good satisfaction of the public
- Interesting partnership with professional of tourism

Shuttles to link the villages :

- Allows people to ski in different places
- Solidarity between the villages (face to the snow resource)
- *Service to be developed*



**Navettes de l'Escarton**

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Fiche de suivi 2011	
Nombre de vélos empruntés	2
Date d'utilisation	6 août 2011
Circuit réalisé	St Jean Fontgallarde St Jean
Arrêts réalisés ou objets du déplacement	Bar de Jusseville, Barade
Commentaire d'utilisation	grande et chemin
Etat général du matériel	très bon
Plan de la vallée	bonne
Remarques générales	1 coup de clé au guidon



# Transport and mobility

## Projects to be developed :

In the frame of the European Charter for Sustainable Tourism :

- Launch of a global study on mobility on the territory
  - Economic balance of the development of shuttles
  - Development of ride-sharing
  - Better connexions between train and busses
  - Special measures for sensible sites
  - Potential and benefits and of electric mobility

Objective : having a systemic approach of the mobility on the territory, considering the needs of inhabitants and tourists

- Development of cycling circuits

# Energy consumption in tourists residence

## Actions in progress :

### Energy efficiency of tourism residence :

- Coordination of energy audits for larger residences (financed by EU project)
- Assistance for the funding of retrofitting works on buildings
- Pilot actions for high performance renovation



### Actions in reflection :

- Development of a label for residences engaged in a environmental approach (Marque Parc)

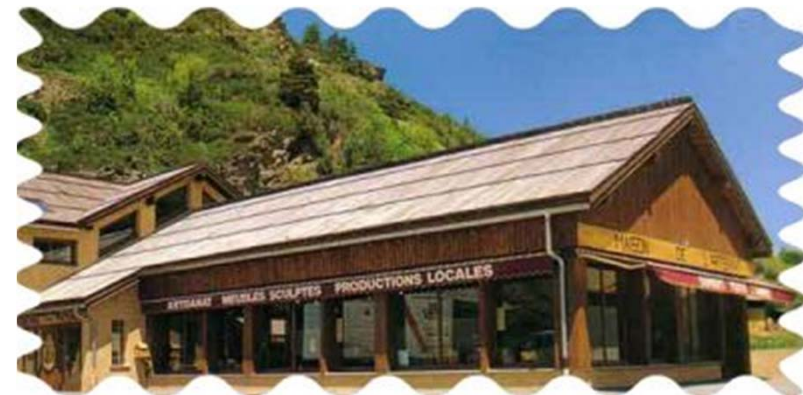


# Food and goods proposed on the territory

## Actions in Queyras :

### Support local production and dissemination of local products

- Support to local agriculture and production
- Support to the commercialisation in restaurants and selling points





# Decrease of snow coverage

## Actions in Queyras :

### Diversification of activities :

- Snowshoes circuits
- Museums and cultural sights opened in winter season

### Networking of the villages :

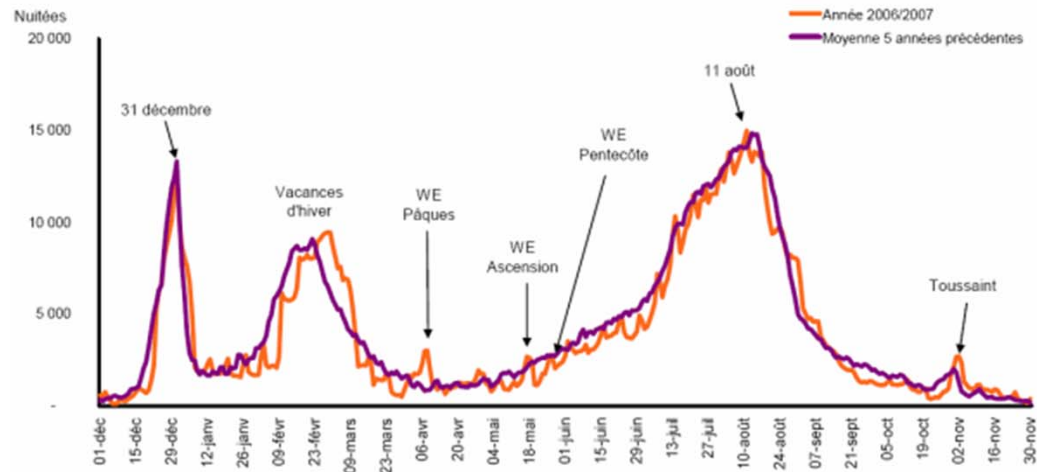
- Management of the ski resorts in the villages by one single structure (régie) / sharing of the benefits
- One skipass for all the villages / villages linked by free shuttles
  - > Some villages took down their ski lifts (Aiguilles)

### Extension of the touristic season :

- Hiking very developed in summer
- Better frequentation in summer

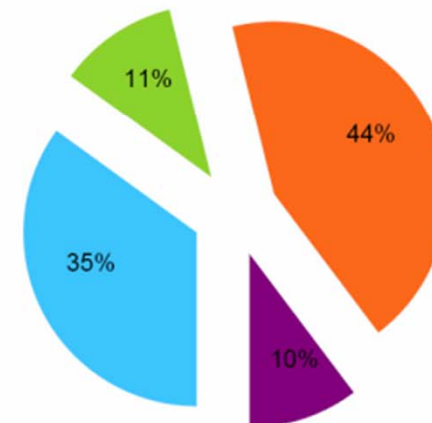
# Extension of the touristic season

La fréquentation journalière de l'année 2006/2007



Répartition des nuitées par saison  
(en % des nuitées annuelles)

- Hiver : de décembre à avril
- Intersaison printemps : de mai à juin
- Été : de juillet à août
- Intersaison automne : de septembre à novembre



# Water resource and risks

## Actions in Queyras

- Works on the rivers to reinforce the banks
- Rivers restoration and maintenance
- Snow farming :
  - Coordinates with other needs : water tanks used for snow farming in winter and for irrigation in summer
  - No more investments after 2012 in snow farming

# Because climate change is not the only stake...

Natural Regional Park of Queyras is engaged in the European Charter for Sustainable Tourism in protected areas

Since 2010

