



CIPRA

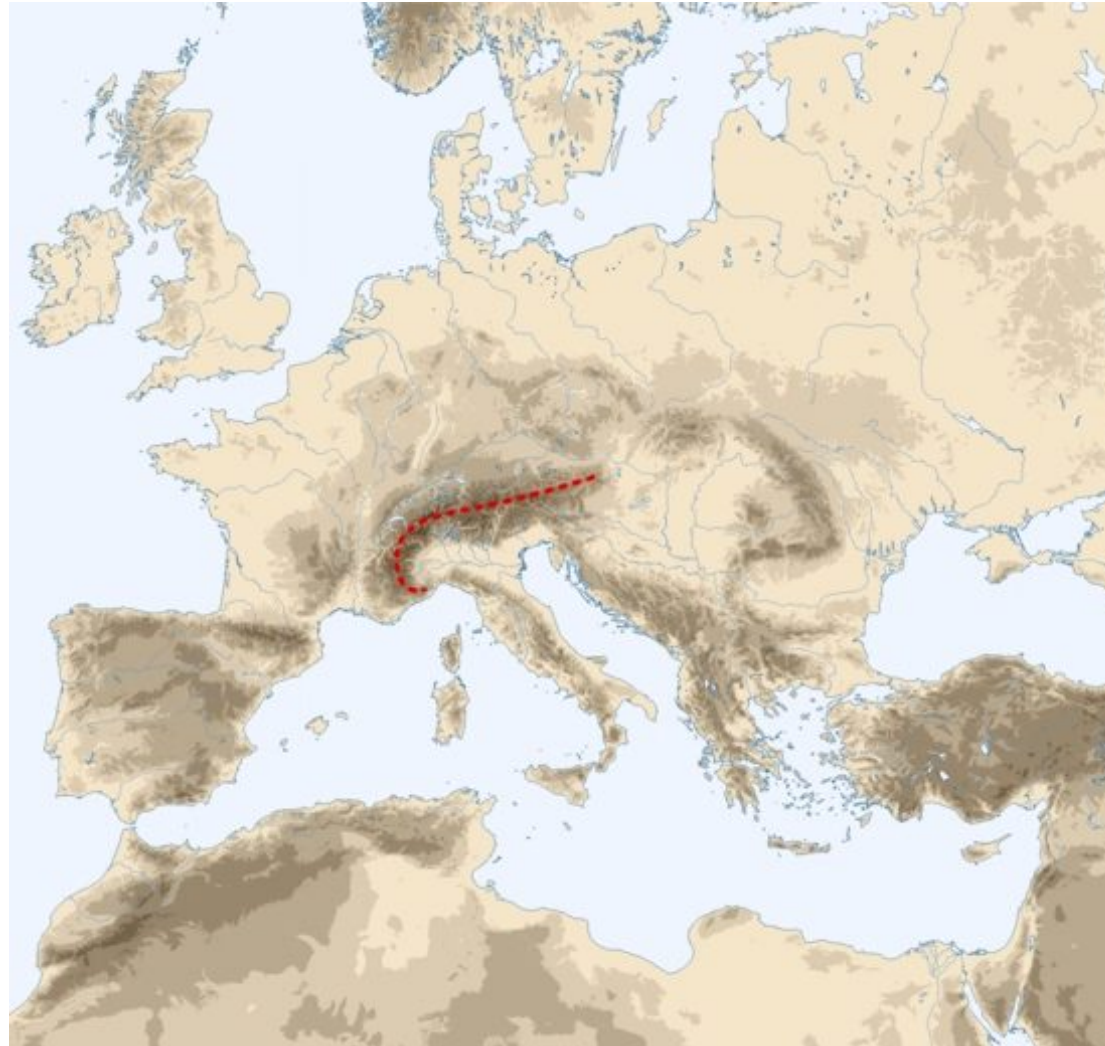
SUSTAINABLE CONSTRUCTION IN MOUNTAIN MUNICIPALITIES: MORE THAN JUST BUILDINGS

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CIPRA International

1. The Alps
2. CIPRA
3. Sustainable building and renovation the Alps:
why?
4. Project climalp
5. Project MountEE
6. More material and links

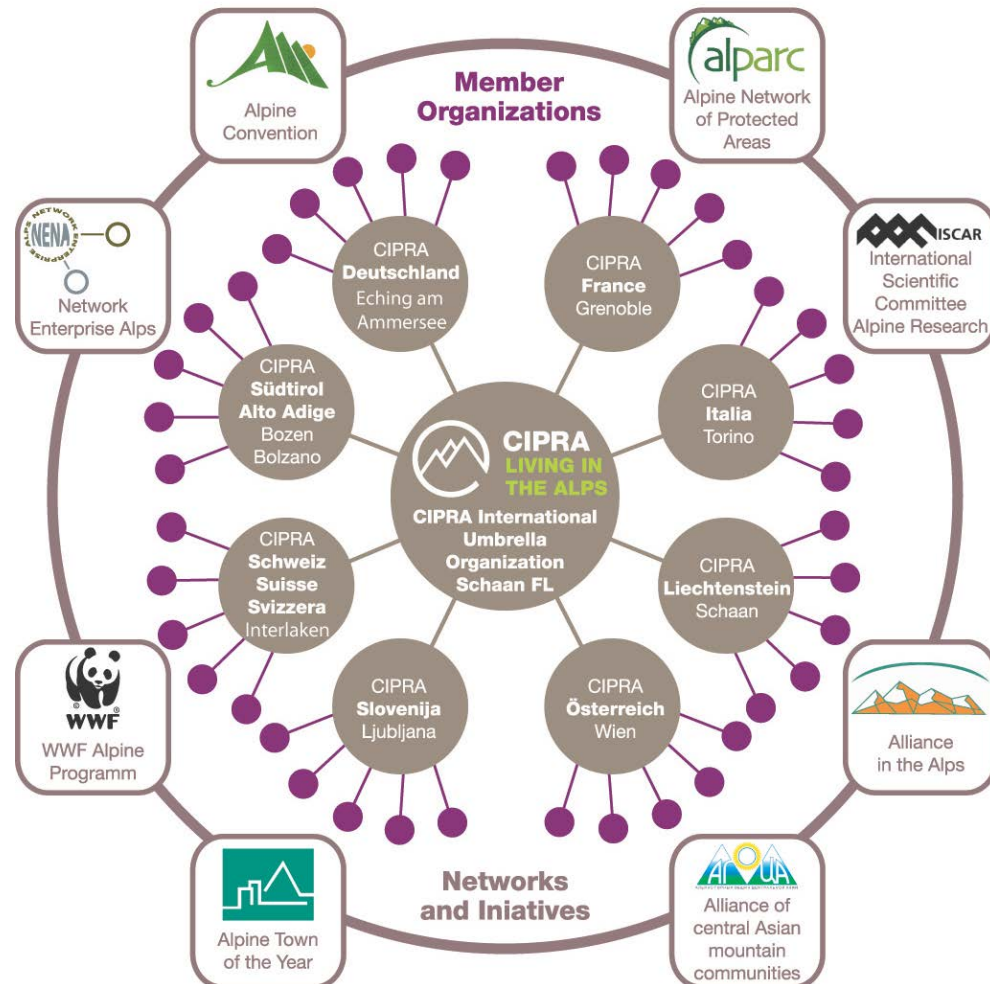
1. THE ALPS

- 8 Countries
- 190.000 km²
- 13.000 species of plants and 30.000 species of animals
- 14Mo inhabitants
- 120Mo visitors/year
- Diversity of ressources, activities, land use, landscapes...



2. CIPRA

- International Commission for the Protection of the Alps
- International umbrella NGO (100 NGO members – 7 national CIPRAs)
- Mission: Living in the Alps
- Political work, communication and projects
- Network



3. SUSTAINABLE BUILDING AND RENOVATION IN THE ALPS: WHY?



CIPRA

- Global warming, Alpine area highly concerned
- Need for reduction of GHG
- Alpine population is not only a victim but highly contribute
- Private households: 30% of energy use
- Construction, use and recycling of buildings: 40% energy use worldwide



Settore di utilizzo	DE	AT	CH	IT	SL	FR
Case private	26	26	29	32	21	43
Trasporti	30	32	33	30	37	31
Industria, produzione di beni	28	30	20	28	34	23
Attività commerciali, imprese, servizi, agricoltura	16	13	16	10	8	3

3. SUSTAINABLE BUILDING AND RENOVATION IN THE ALPS: WHY?



CIPRA



- Construction sector: big responsibility AND big potentials: CO2 reduction, green and local jobs...
- Policy framework: EU, national: nearly zero energy buildings! -> need for action!
- CIPRA began in 2004 to work on this topic: „energy-efficient buildings built from regional timber in the Alpine region“
- Project climalp
- Project MountEE

3. SUSTAINABLE BUILDING AND RENOVATION IN THE ALPS: HOW



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- Energy-efficient buildings and heating!
- Renovation of the stock
- Use of local, ecological, healthy renewable material (wood!)
- Use of renewable energies
- Fair and clean construction and recycling works
- Intelligent use of buildings



3. SUSTAINABLE BUILDING AND RENOVATION IN THE ALPS: HOW



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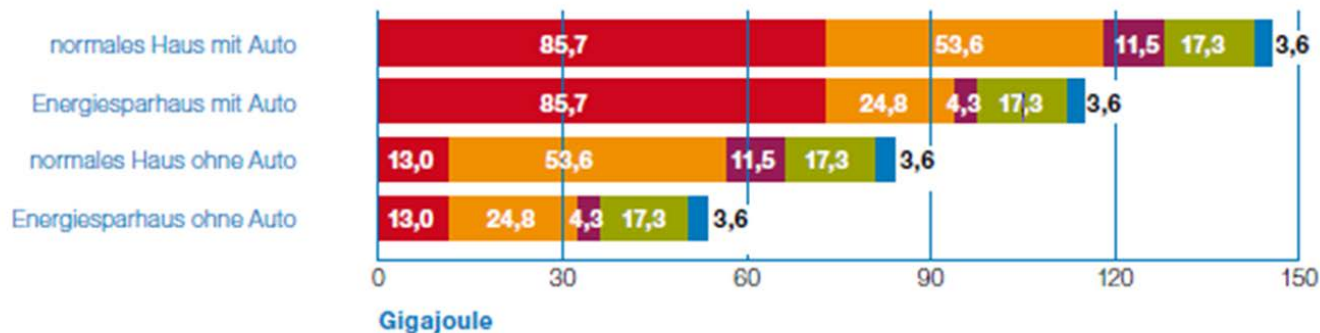
- Not anywhere!



Abbildung 9:

Jahresenergieverbrauch von
Haushalten.

■ Verkehr ■ Geräte
■ Heizung ■ Licht
■ Warmwasser



4. PROJECT CLIMALP



CIPRA information campaign aimed at promoting energy-efficient buildings built from regional timber in the Alpine region

- Good for the climate
- Good for the quality of life
- Good for the regional economy

4. PROJECT CLIMALP

Saint Jean d'Arvey (FR)

- Excursion to Vorarlberg autumn 2008
- Begin of construction Sept. 2010
- Opening 2012
- 1st passivhaus certified public building



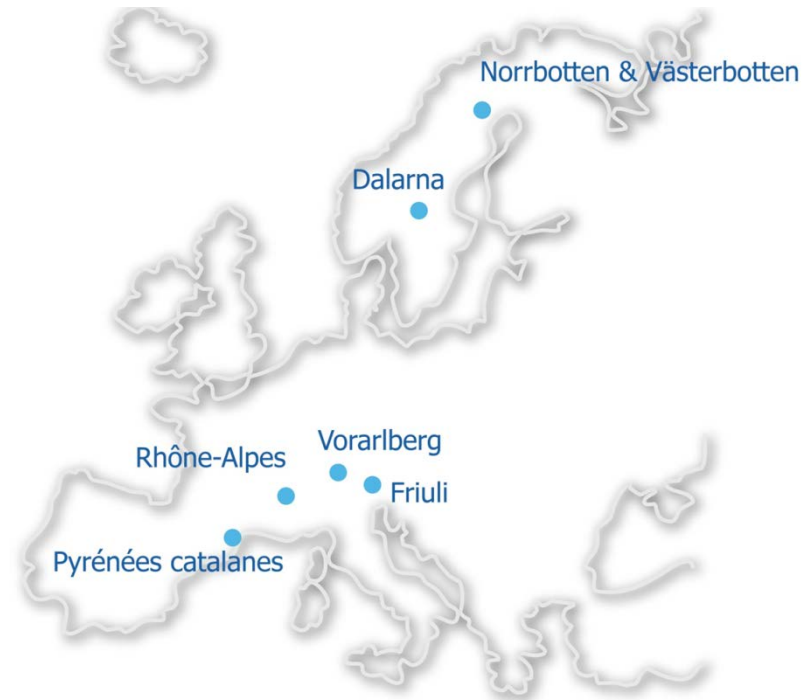
5. PROJECT MOUNTEE



MountEE- Energy
efficient and
sustainable building in
municipalities in
European mountain

→ EU Project

→ 7 Partners



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Programme of the European Union



5. PROJECT MOUNTEE



Why municipalities?

- Decider
- Owners of buildings (schools...)
- Model role
- Build-up regional committees and strategies
- Policy framework: EU, national: nearly zero energy buildings! -> need for action!



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5. PROJECT MOUNTEE



Mountain municipalities:

- Lack of knowledge and financial support
- In Vorarlberg they can get support

Aims of MountEE

- Support municipalities with pool of services in their build/renovation projects



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5. PROJECT MOUNTEE



In the regions:

- Build-up regional committees and strategies with key players
- Develop pool of services (example Vorarlberg) and test on pilot buildings
- Improve financial support



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5. PROJECT MOUNTEE

Other activities:

- Awareness raising (communication, film...)
- Training activities for key players and experts (study trip, events...)



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6. MORE INFO TO ACT FOR A BETTER CONSTRUCTION:



www.cipra.org/climalp

www.mountee.eu

www.blog.mountee.eu

www.cipra.org/cc.alps

www.alpstar-project.eu

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Thank you!

