



Climate change and nature protection: thinking one step forward!

The CIPRA project cc.alps

Climate change in the Alps

- **+ 1,1 - 6,4 °C**
until the end of 21st century
- **Duplex trend in the Alps !!!!**
(OcCC, 2008)





What will be the consequences
of climate change in the Alps?



Increasing of temperatures, shifting of climate and vegetation zones



No place to go: *Ranunculus glacialis* and *Androsace alpina*



Changing and endangered ecosystems

How do we fight against climate change in the Alps?



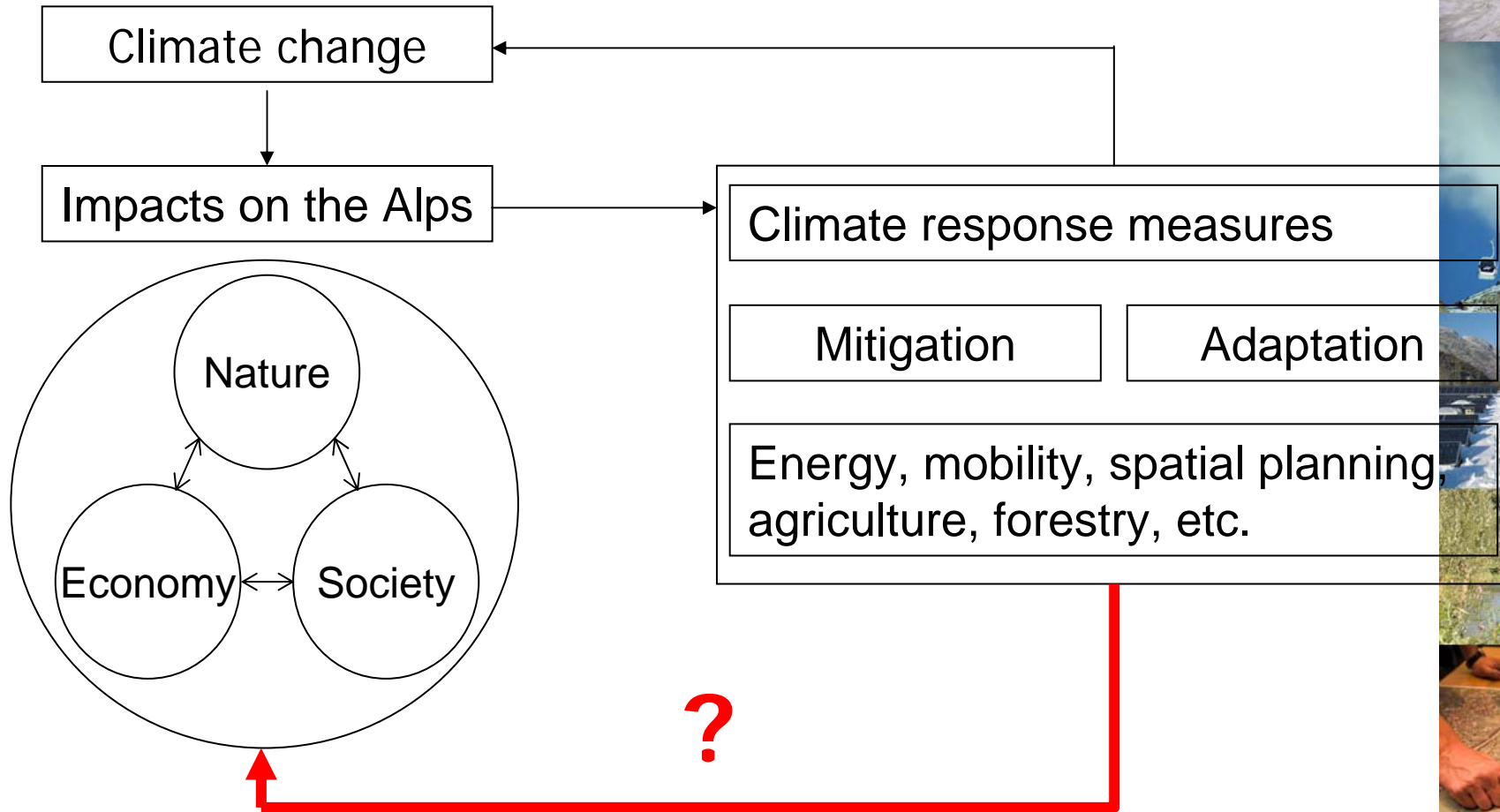
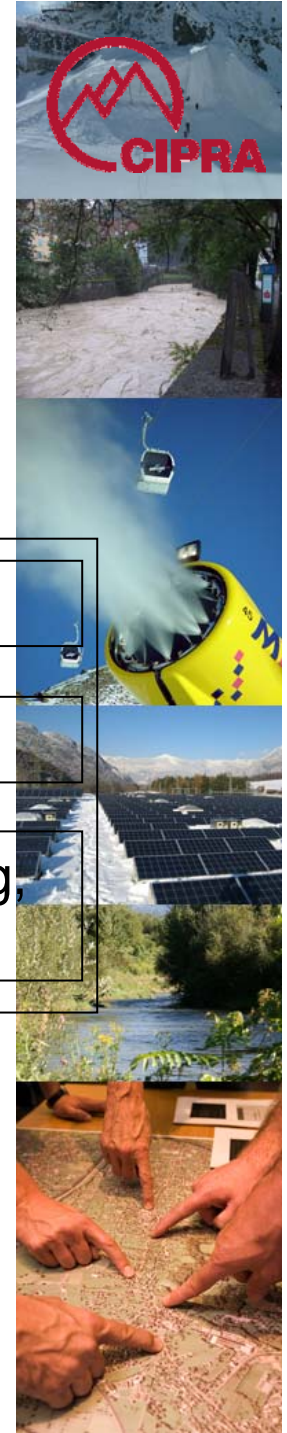








Think a step forward!



cc.alps wants to...



- Contribute that climate response measures are designed in harmony with a sustainable development
- Sustain „good practice“ examples, point out „bad“ examples or aspects
- Be active in the implementation



cc.alps research

- **Only 10% of climate response measures are really good**
- 90% have (some) negative side effects
- Mitigation : adaptation 9:1

- Not enough climate response measures!
- Impacts not satisfying!
- Lacking of integrated and strategic approaches
- Lacking of knowledge transfer



CIPRA compacts

- 11 sector oriented brochures (30 pp)
- sector ↔ climate change
- interrelations, impacts, conflicts
- energy, buildings, tourism, transport, agriculture, forestry...
- good practice examples





Compact Nature Protection



**Nature protection is
climate protection!**



Network nature places!



Revitalise Alpine rivers!



More moors!



Sustainable cultivation of the forests!



Check sustainability!



Trade-offs in nature protection



Economy conflicts



Society conflicts



Unsustainable climate measures form other sectors



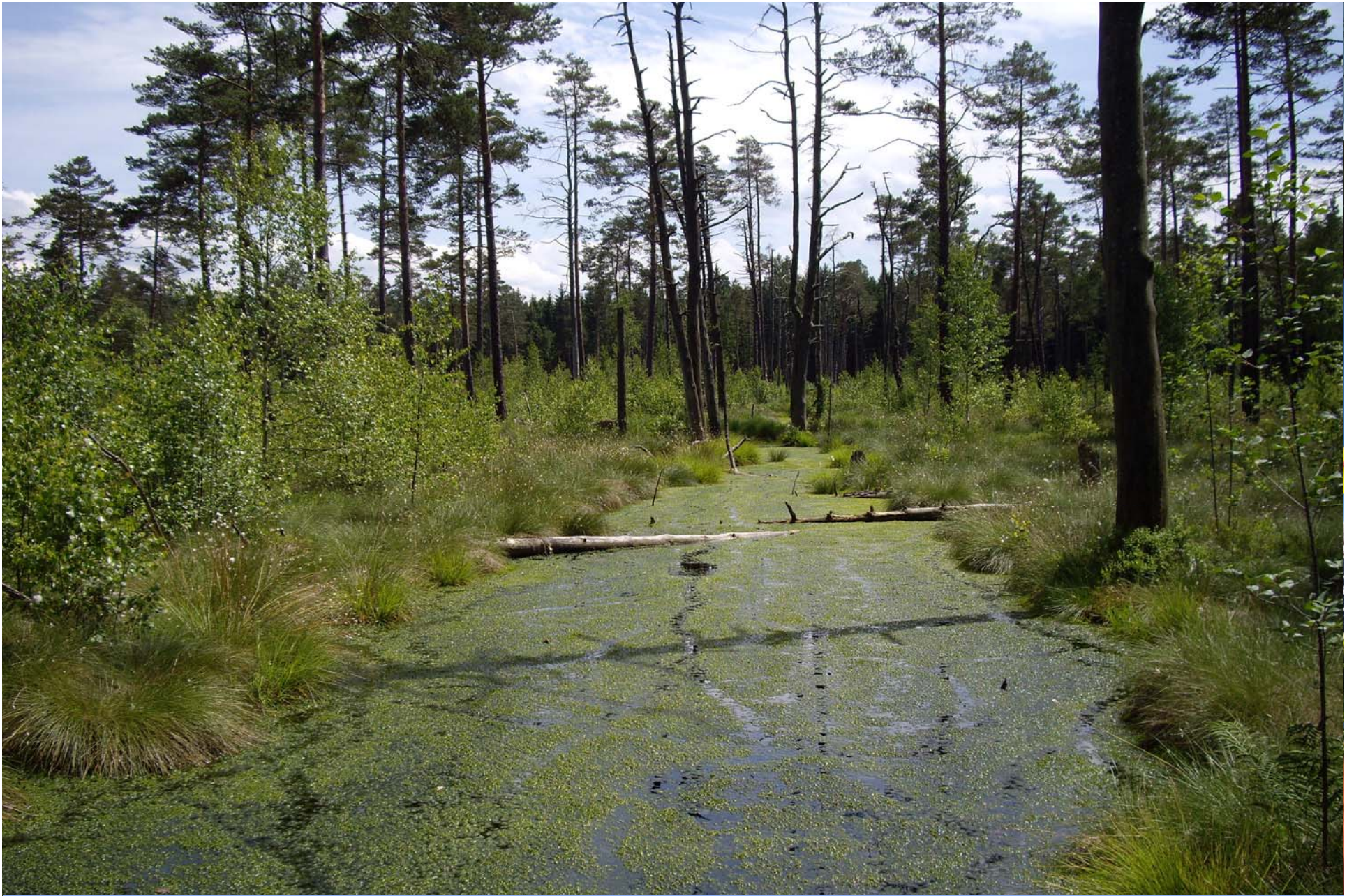
Careful with renewable energy!



Windmill fight: artificial snow



Good Practice Examples



Wetland restoration in the Bavarian Alps



Ecological corridors in department Isère



Sustainable land use and education, Bavaria



**Read up about it, emulate it,
pass it on, and do even better!**

Core message

- Climate measures must be checked for sustainability!
- We have good measures and know enough to act immediately!





Thank you for your attention!

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