

Pooling Potentials for Competitiveness

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The Alps as rechargeable battery of Europe?

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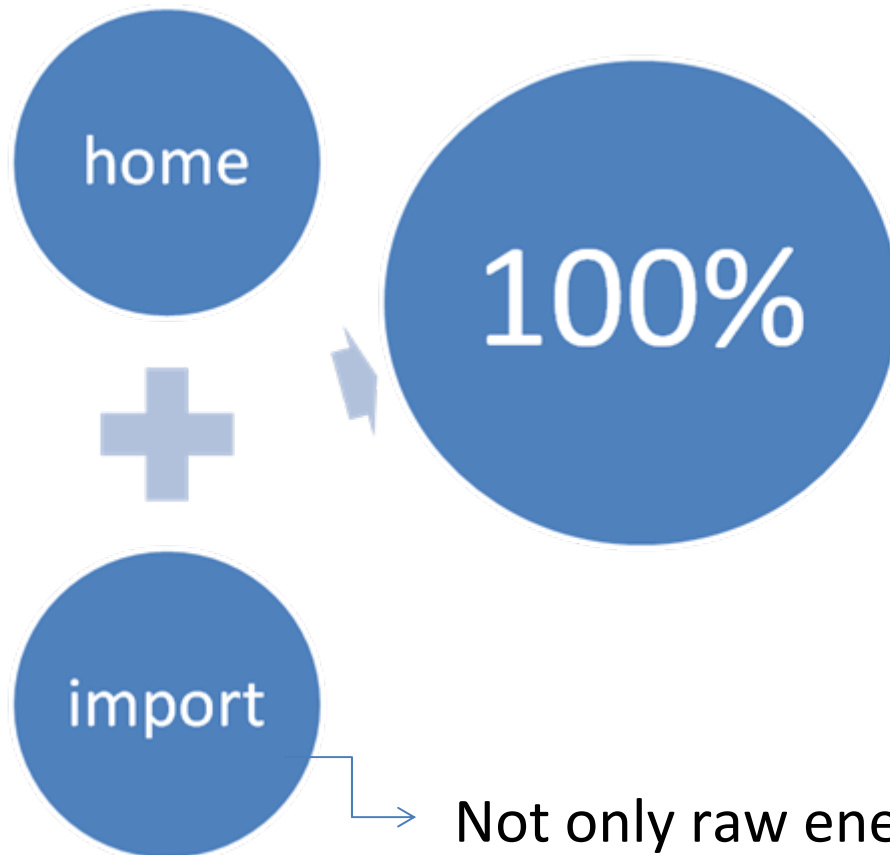
ENERBUILD



Content:

1. How much do we actually need?
2. Energy (RES) vs. Nature?
3. Our experience

How much do we need?



**SUSTAINABLE
CONSUMPTION!**

Not only raw energy but also goods
(cars, machines, clothes, food, ...)

RES vs. Nature

Renewable energy sources are an extra source if we do not reduce consumption

RES in the Alps:

1.Efficiency

2.Biomass

3.Hydropower

4.Solar power

5.Wind turbines

Biomass

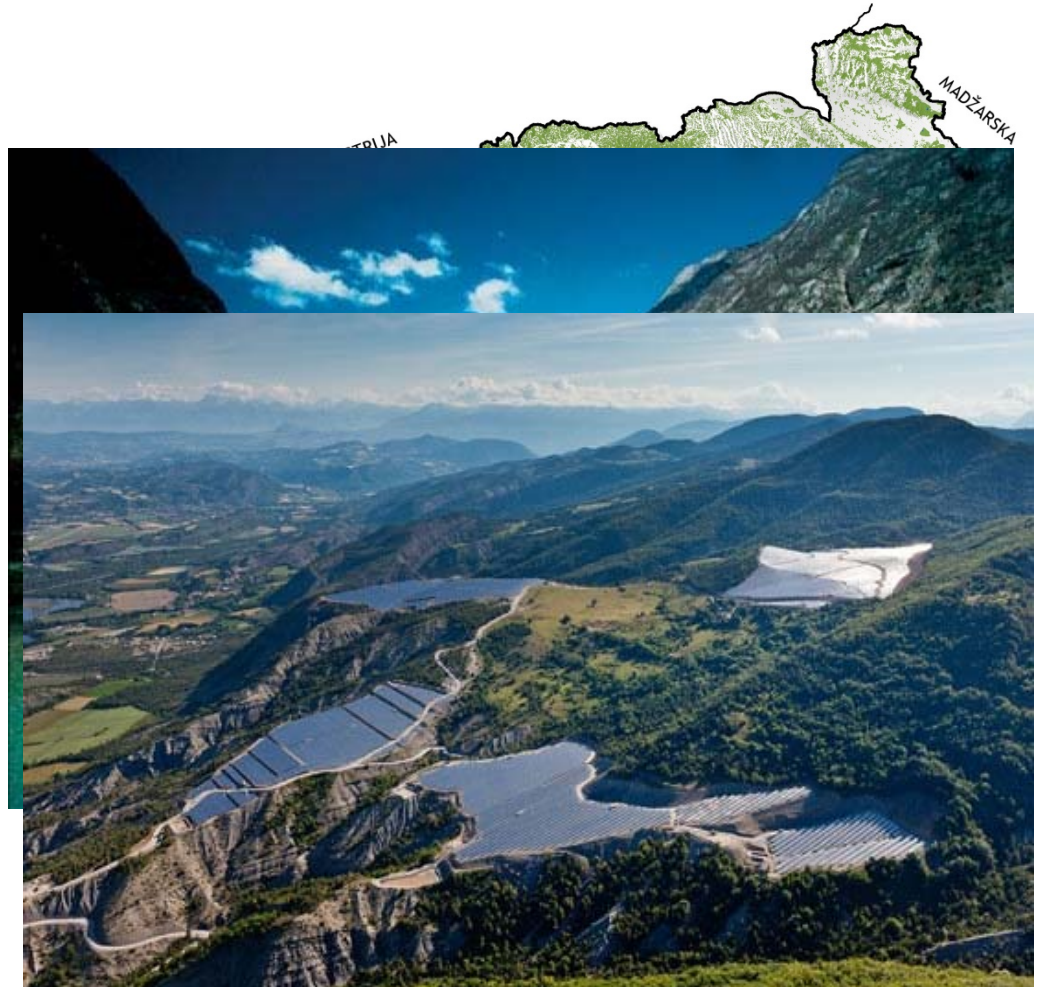
- Long term sustainability (monitoring and supervision)
- Different levels of protected areas, wildlife – protection of habitats?

Hydropower

- what is the limit?
- small hydro power stations

Solar power

- 'urban' potentials before nature
- roads, grids in the wilderness?



Wind turbines

- Landscape (*If you think just one wind turbine is impressing how much more stunning is a wind park of this size!)*
- Threat to big birds and bats, black grouse?...

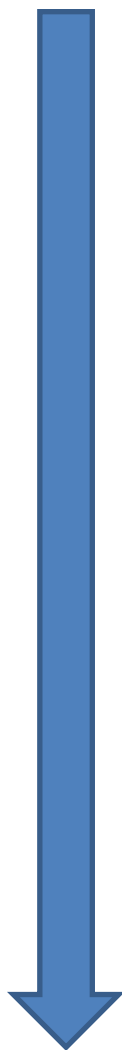


Soča Valley

(transnational cooperation)

Central Europe
CEC5
Efficiency public
buildings

SLO – I
ENERGYVILLAB
Efficiency industry



Alpine Space
NENA
biomass

Alpine Space
ENERBUILD
passive houses

Alpine Space
ALPS4EU
green clustering

Alpine Space
ALPSTAR
CO2 neutrality 2050

Regional sustainability

Thank you!