

## recharge.green – balancing Alpine energy and nature

The Alps have great potential for the use of renewable energy. Thereby they can make a valuable contribution to mitigating climate change. This, however, means increasing pressures on nature. What could be the impact of such changes on the habitats of animals and plants? How do they affect land use and soil quality? How much renewable energy can reasonably be used? The project recharge.green brings together 16 partners to develop strategies and tools for decision-making on such issues. The analysis and comparison of the costs and benefits of renewable energy, ecosystem services, and potential trade-offs is a key component in this process. The project will last from October 2012 to June 2015 and is co-financed by the European Regional Development Fund in the Alpine Space Programme.

[www.recharge-green.eu](http://www.recharge-green.eu)

### Choose the price of energy:

The price of energy can be selected in the range 0.05-0.25 €/kWh. It depends on national rules and includes market price as well as incentives. A differentiation in the price could be represented by plant power, typology and duration of life cycle. Such as example, incentives from Italian Ministerial Decree 6 July 2012 are set as follow.

<i>Plant typology</i>	<i>Power of plant (kW)</i>	<i>Life cycle (years)</i>	<i>Base incentive (€/kWh)</i>
Fluent water plant	1<P≤20	20	257
	20<P≤500	20	219
	500<P≤1000	20	155
	1000<P≤10000	25	129
	P>10000	30	119
Basin plant	1<P≤10000	25	101
	P>10000	30	96