

EUROPEAN TERRITORIAL COOPERATION

Alpine
SPACE

Workshop 2: The Alps as rechargeable battery of Europe?

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Alpine Space Forum – Pooling Potentials for Competitiveness, 27/28 September 2011,
Ljubljana, Slovenia



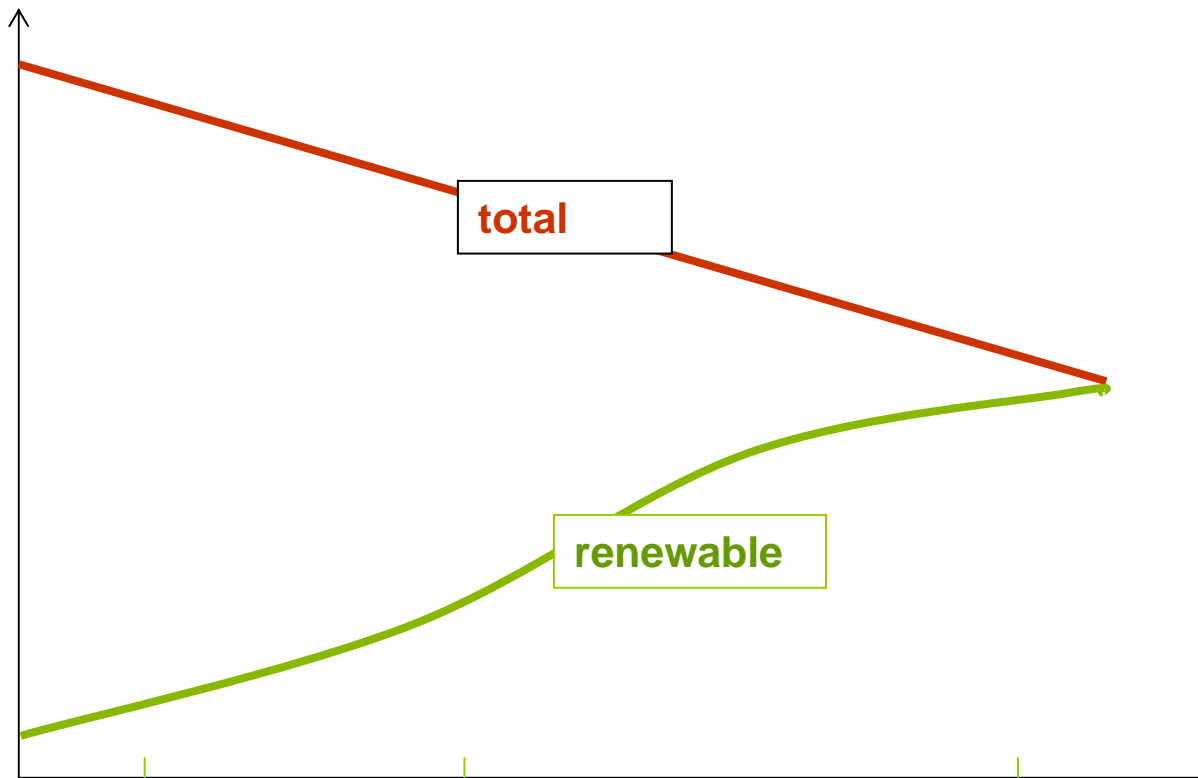
The programme is co-funded
by the European Regional
Development Fund

Agenda

- Introduction
 - ❖ people
 - ❖ topic
- Inputs (max. 15 min each)
 - ❖ Gianni Lazzari, Habitech , Italy
 - ❖ Miro Kristan, Soča valley development centre
 - ❖ Matjaž Gerl, SHARE project, E-zavod, Slovenia
 - ❖ Ludwig Karg, B.A.U.M., AlpEnergy project
- Coffee break
- Discussion

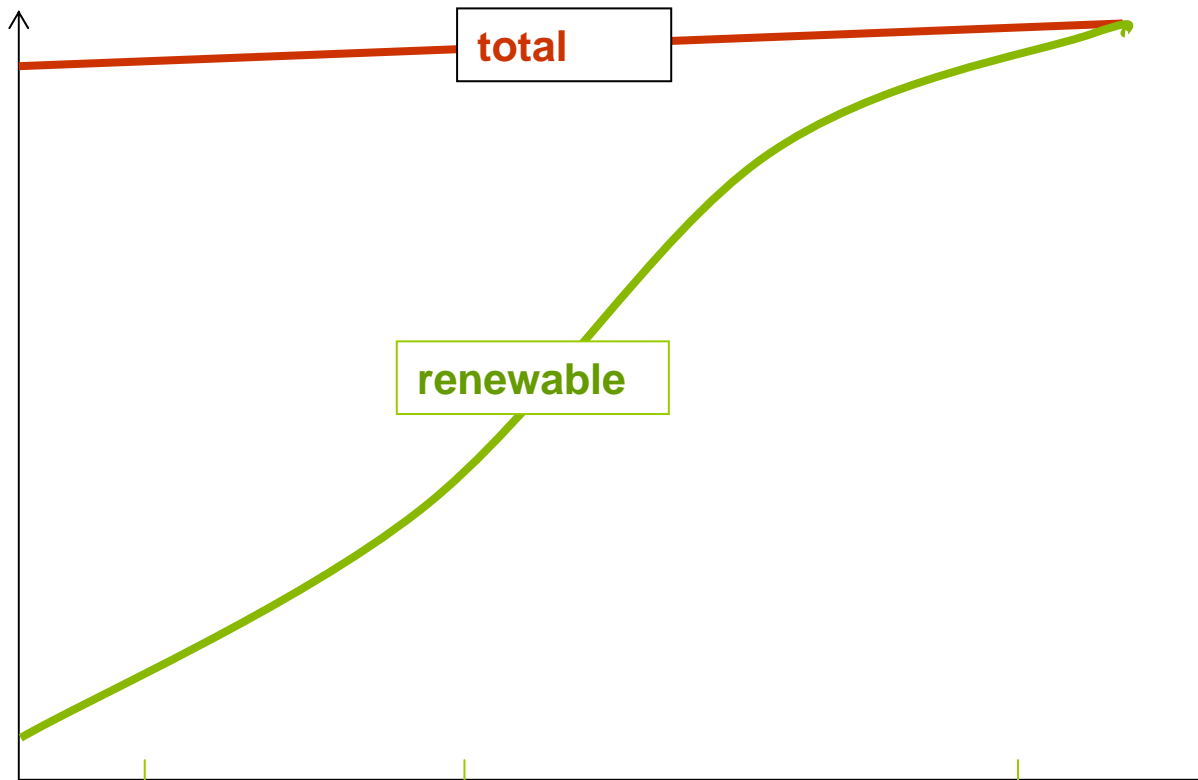
Development scenario 1

primary energy

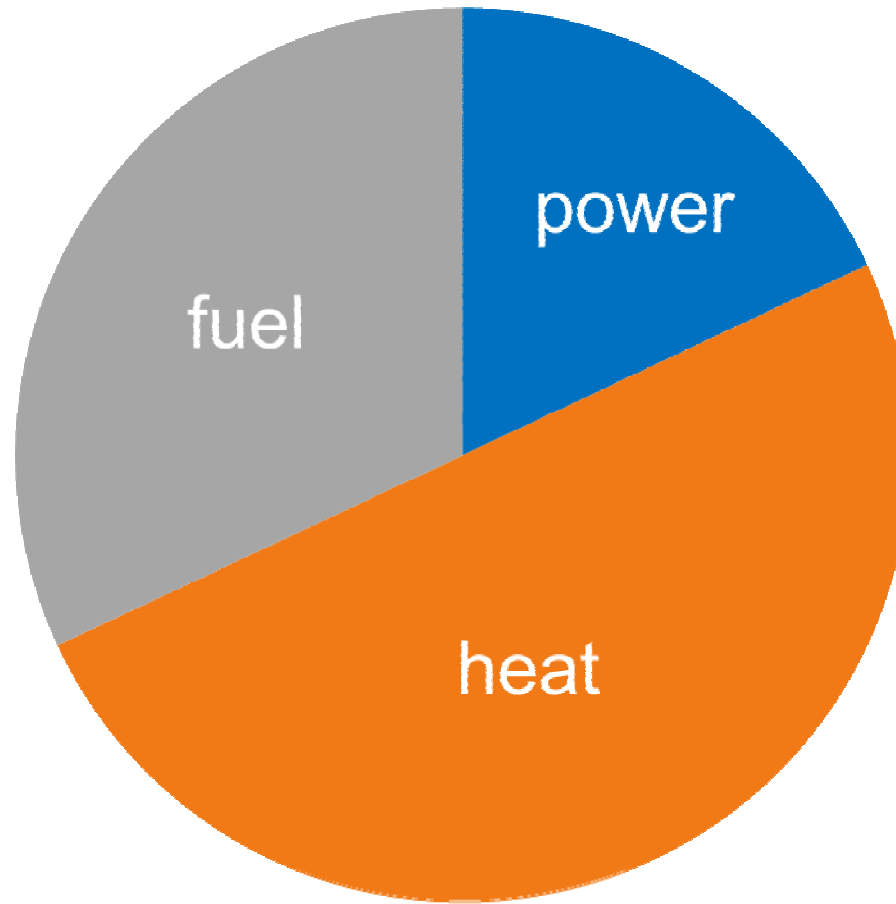


Development scenario 2

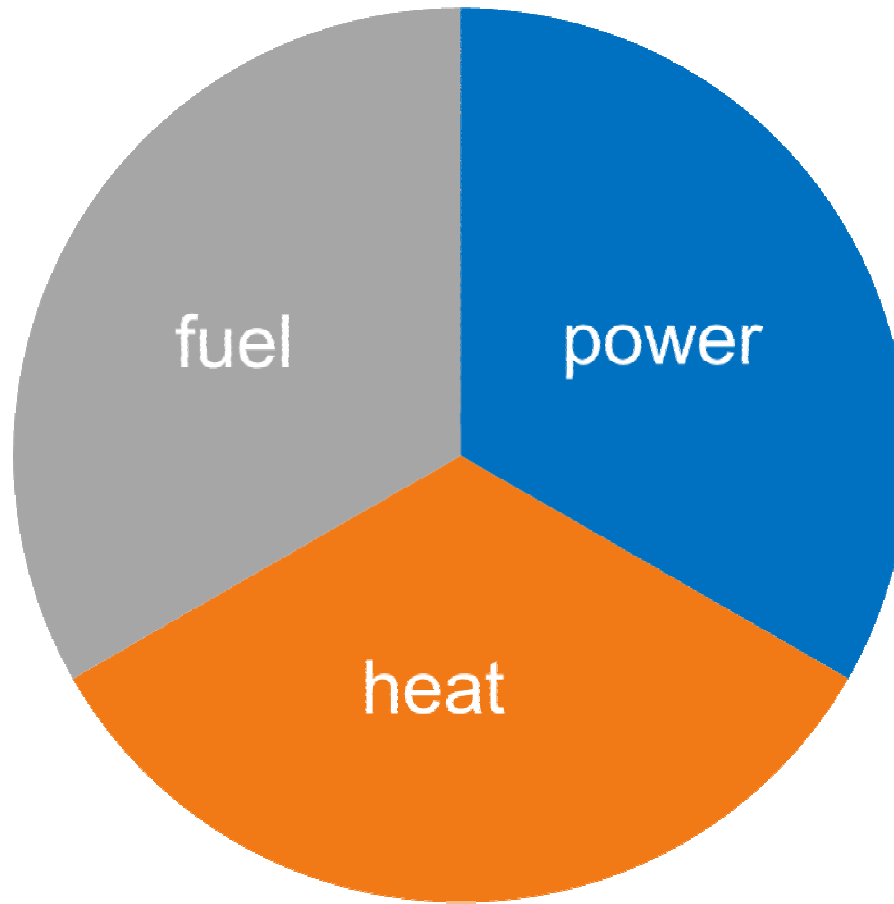
primary energy



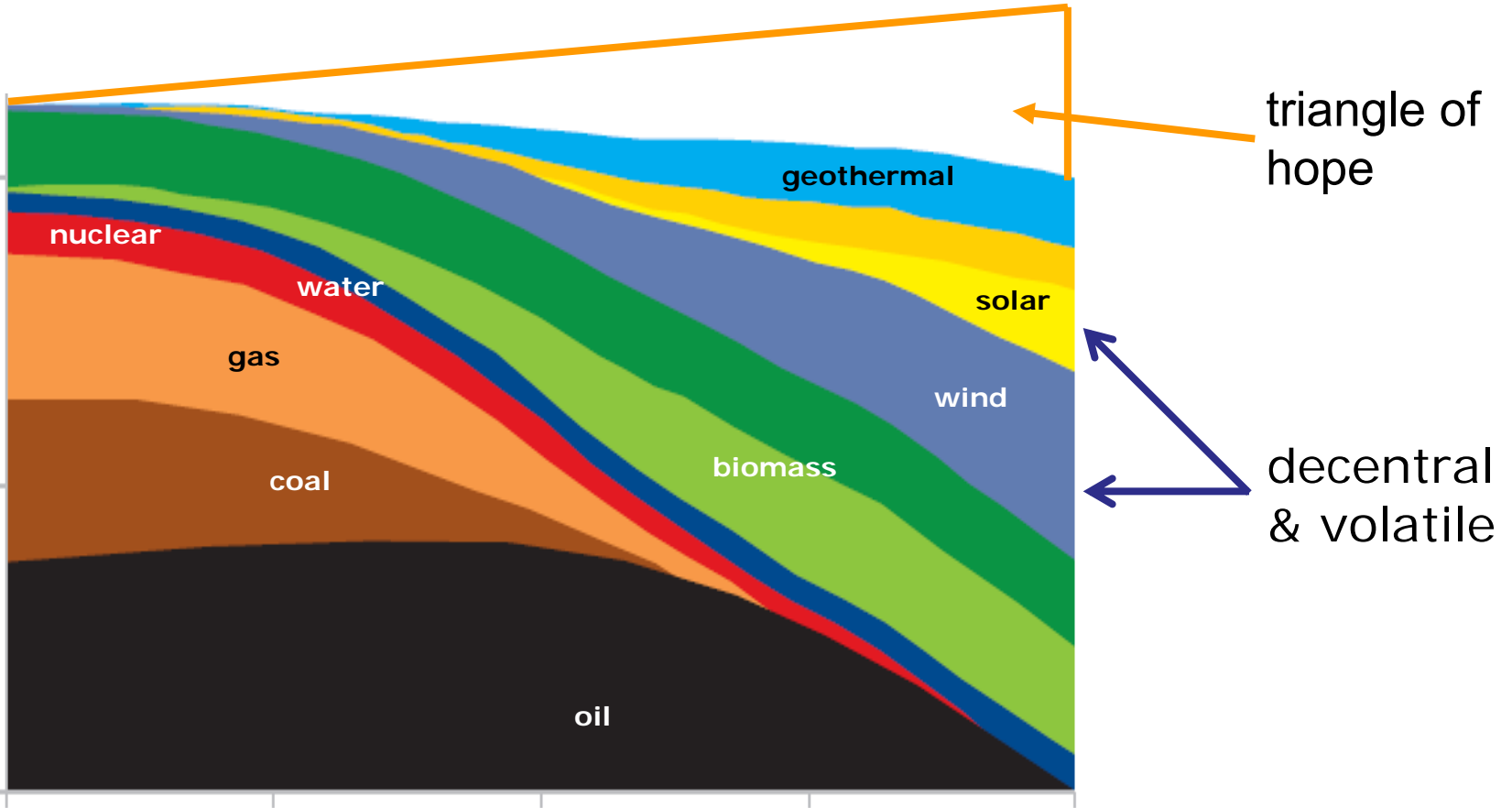
End energy use



CO2 emissions



The Challenge



A new paradigm

consumption-oriented generation

plus

generation-oriented consumption



New Business Scenarios

Energy
Supplier



Energy Supplier
plus
Service Provider

New Market Roles

Energy
Supplier



Energy Supplier

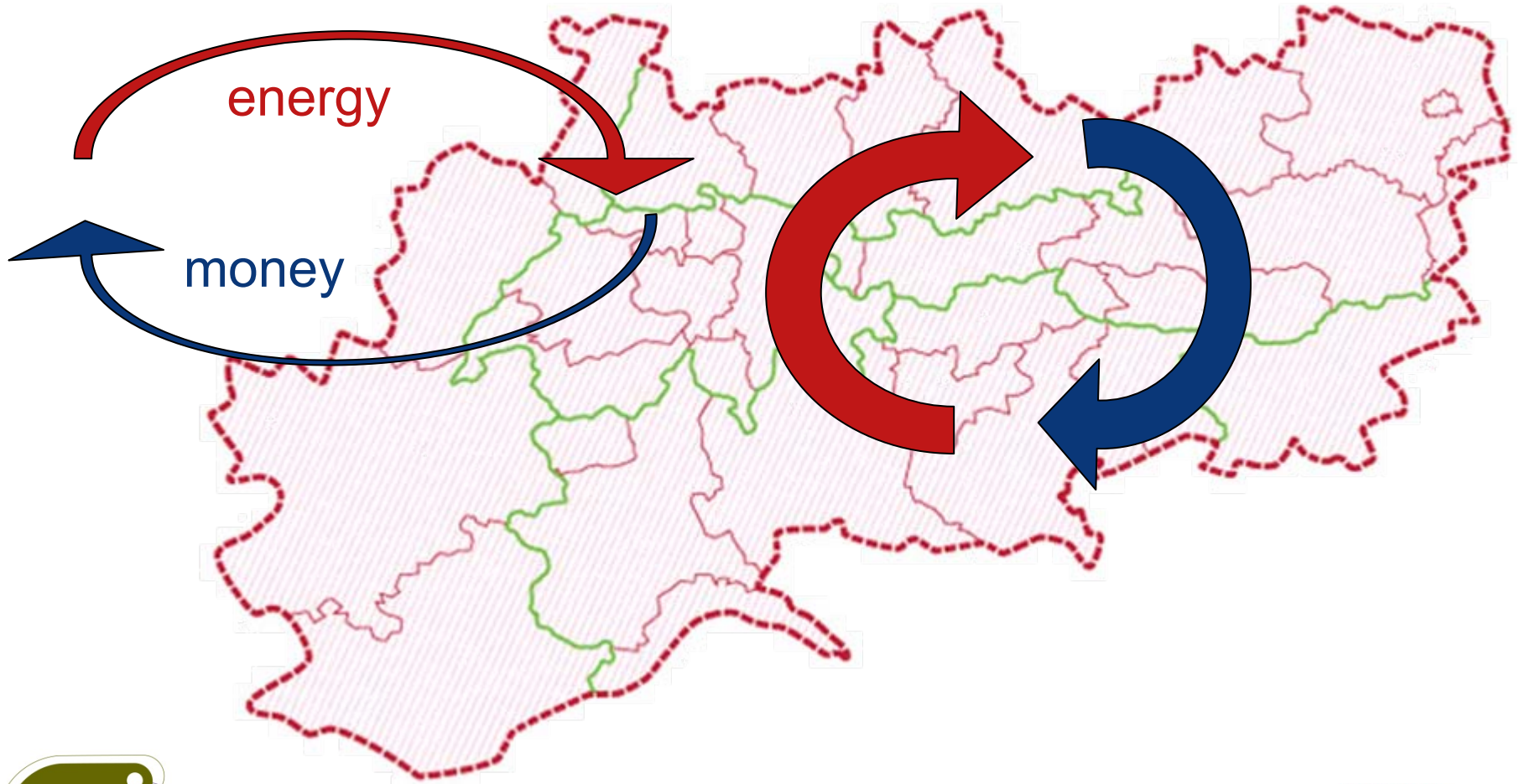
Prosumer

Aggregator

Mobility Provider

...

The future system?



Roadmaps towards future energy supply?



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Questions

- ❖ How to **enhance energy efficiency** and turn this into a **competitive advantage** for the Alps?
- ❖ How to cope with the need of **boosting** renewable energy production and **protection** requirements?
- ❖ How to overcome energy supply and energy production being dependent on location factor?
- ❖ Which **decision making processes** for questions of exploitation, distribution of loads and benefits?

Challenges for the Alps



Potentials of the Alps



Needs for action



Recommendations to the European programmes and the policy makers

