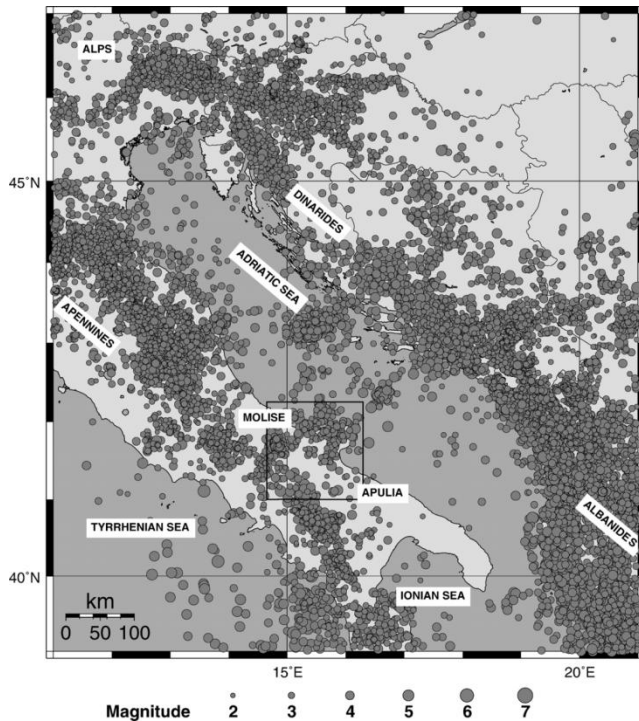


Geothermal Energy: Status and Future

in the peri-Adriatic Area

Velj Losinj, 25-27 August 2014

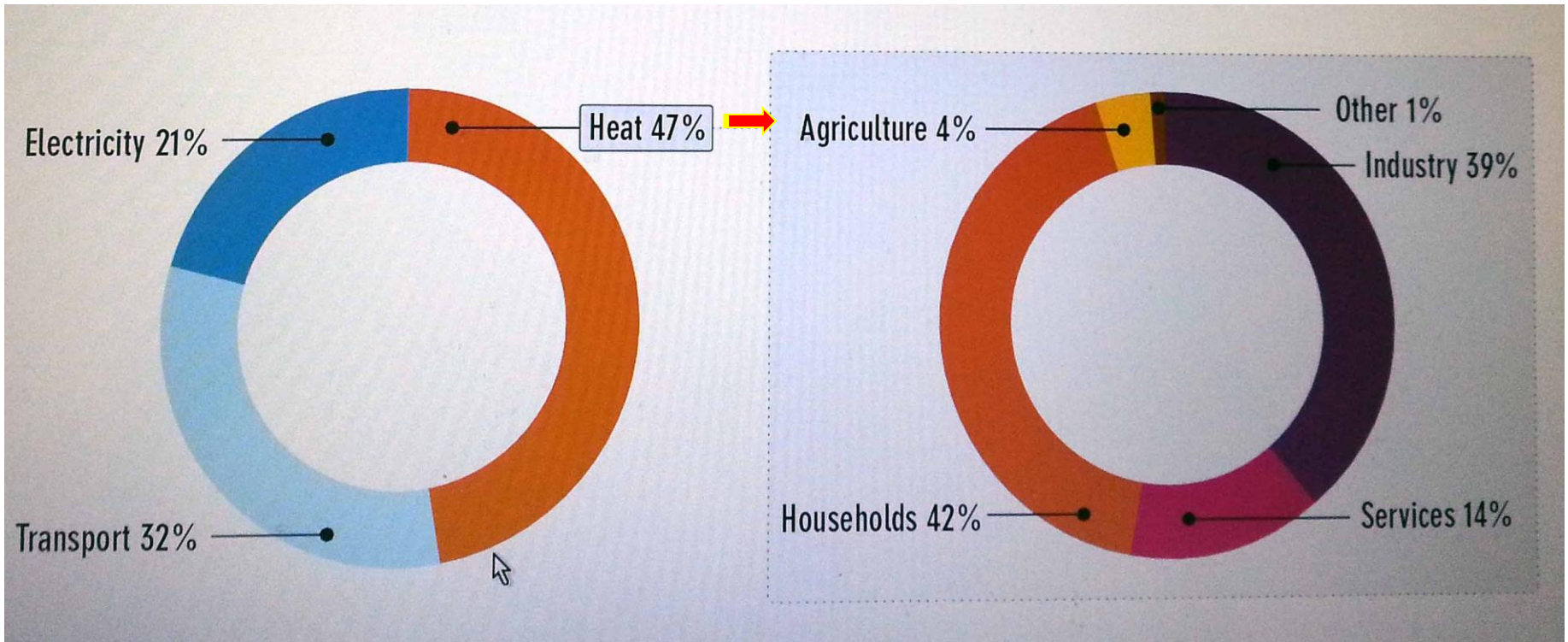
Objectives of the workshop



Bruno Della Vedova, DIA UniTs and Unione Geotermica Italiana

<http://www.unionegeotermica.it/>

GEO THERMAL & HYDROTHERMAL HEAT + RES



Final Energy and Heat Use by EU 27 (RHC-ETP, 2010)

Strategic Research and Innovation Agenda for Renewable Heating & Cooling (RHC)

Most important aims by 2020

- Significantly reduce the cost of RHC technologies
(*for geothermal: reduce exploration, drilling costs & geologic risk*)
- Enhance RHC system performance and reliability
- Reduce RHC system payback time

EUROPEAN UNION ENERGY POLICY

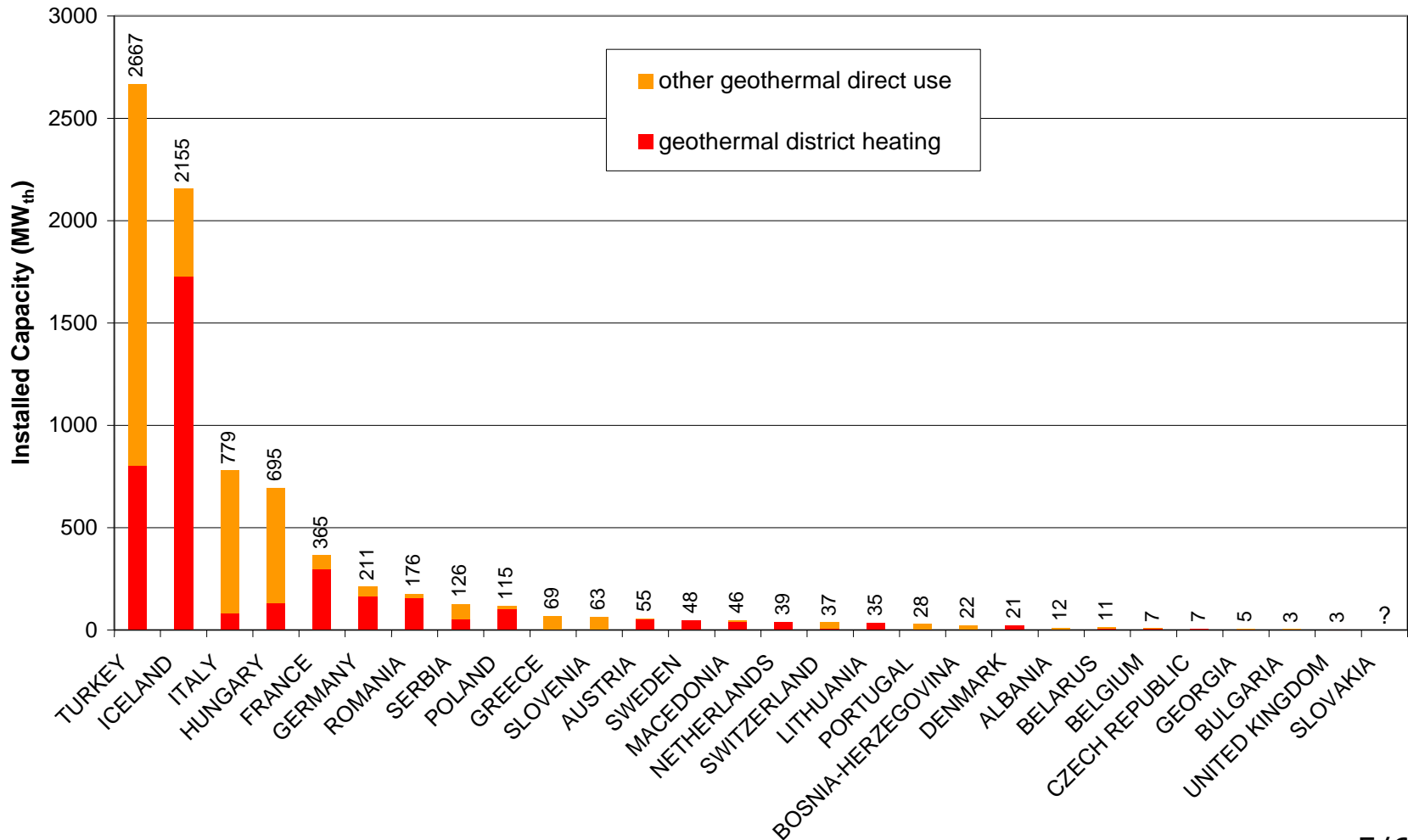
ENERGY EFFICIENCY DIRECTIVE GOALS (EU 27/2012)

- ENERGY SECURITY
- REDUCE COSTS
- TACKLE CLIMATE CHANGE
- ACHIEVE LISBON OBJECTIVES

(... To become the most competitive and dynamic **knowledge-based economy** in the World, capable of **sustainable economic growth** with more and better jobs and greater social cohesion.)

GEOHERMAL DIRECT USES IN EUROPE

INSTALLED CAPACITY 2012 & SHARE OF GEOHERMAL DISTRICT HEATING
EGC 2013 Country updated Reports (Antics, 2013)



Growth vision of the Renewable Heat to 2050

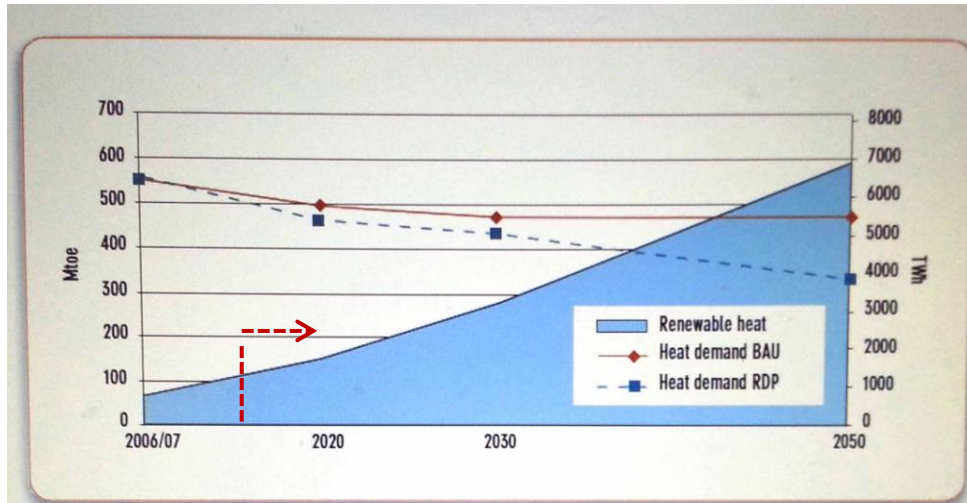


Figure 5 - Heating supply from renewable energy sources in EU. Source: RHC-Platform (2011)

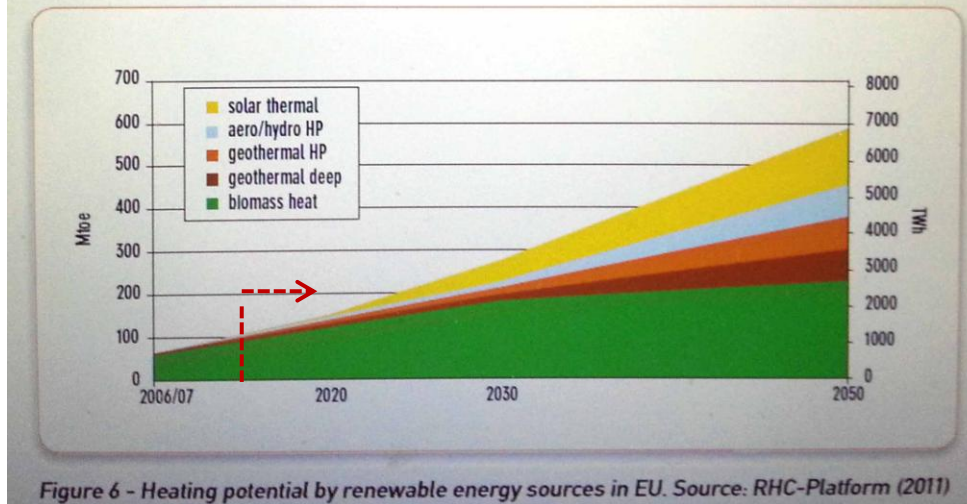


Figure 6 - Heating potential by renewable energy sources in EU. Source: RHC-Platform (2011)

*HAVE A NICE AND FRUITFUL WORKSHOP
and A BETTER STAY IN LOSINJ!*



18615, P. Z. - LUSSINPICCOLO, DAL MONTE UMPIJAK