



ENERGY IN TUNE WITH YOU.

# **International Grid-Connected Renewable Energy Policy Forum**

**Francesco Giorgianni**  
**Head of European Affairs**

**Mexico City, 3<sup>rd</sup> February 2006**

# Agenda

- 1. European strategy and instruments**
- 2. EU current situation and future scenario**
- 3. Market mechanisms: which is the most efficient approach?**
- 4. Enel: one of the greatest worldwide generators from RES**
- 5. Our expertise in geothermic: Larderello's case study**

# European policies to promote renewable energy sources

## Legislative framework

- **EU target for 2010 Increase the share of green electricity consumption from 14% to 22%**

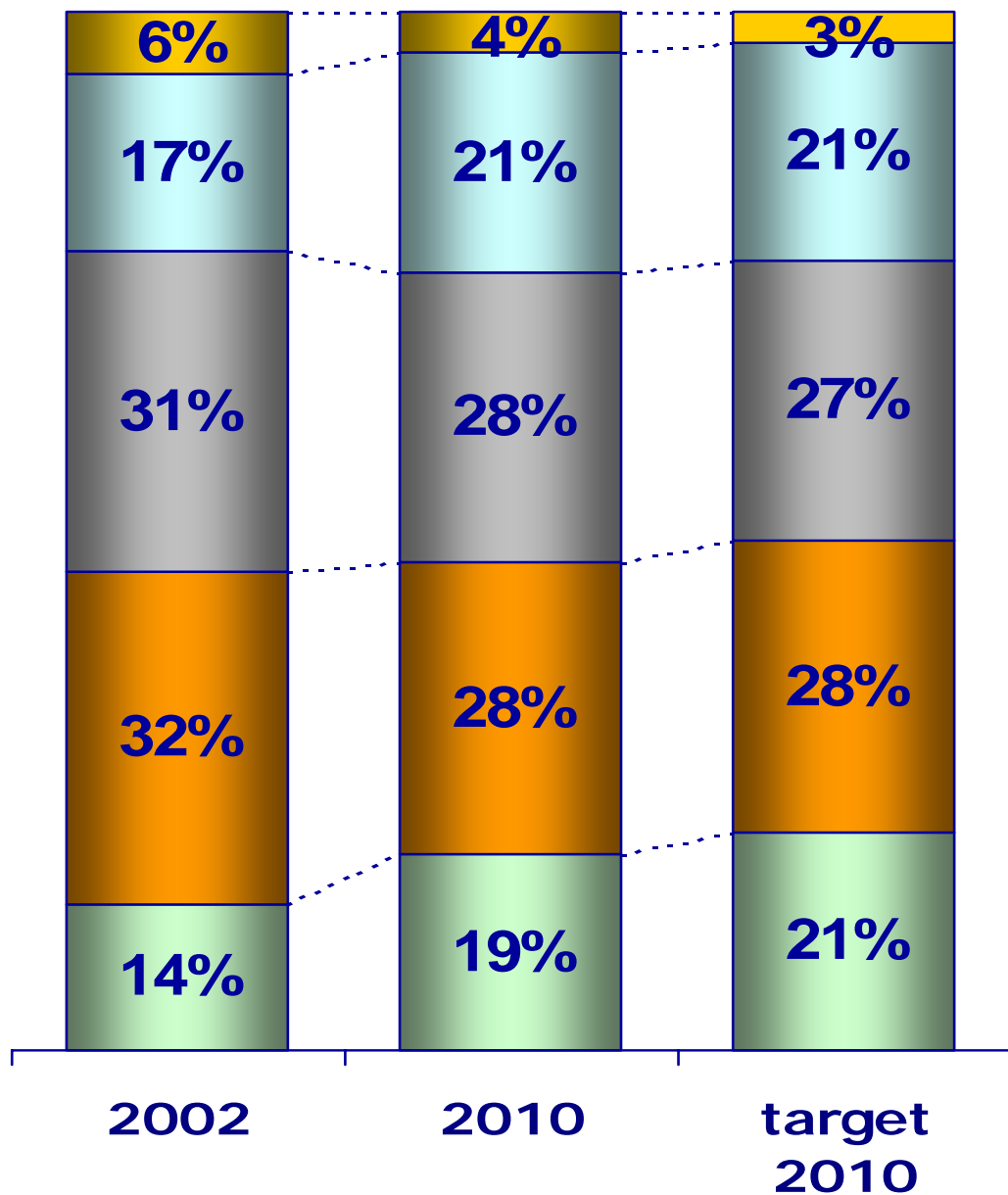
## Programme for financial support

- **250 million € over 3 years (Intelligent Energy Europe)**
- **810 million € (6<sup>o</sup> RDT Framework Programme)**

## Dissemination and monitoring

- **Public awareness campaigns**
- **The ManagEnergy initiative**
- **Campaign for Sustainable Energy (2004-2007)**

# EU current situation and future scenario



**ESTIMATE PAYMENTS 2010**  
**€22 BILLION**

# Which is the most efficient approach?

**PROs**

**CONs**

**Tradable Green Certificate**

**Creation of two markets:  
power and green value**  
**Favours less costly  
technologies**

**Need to control costs**

**Feed-in tariffs**

**Guaranteed off-take price**  
**Different incentives for  
diverse technologies**

**Need to set appropriate  
incentives**

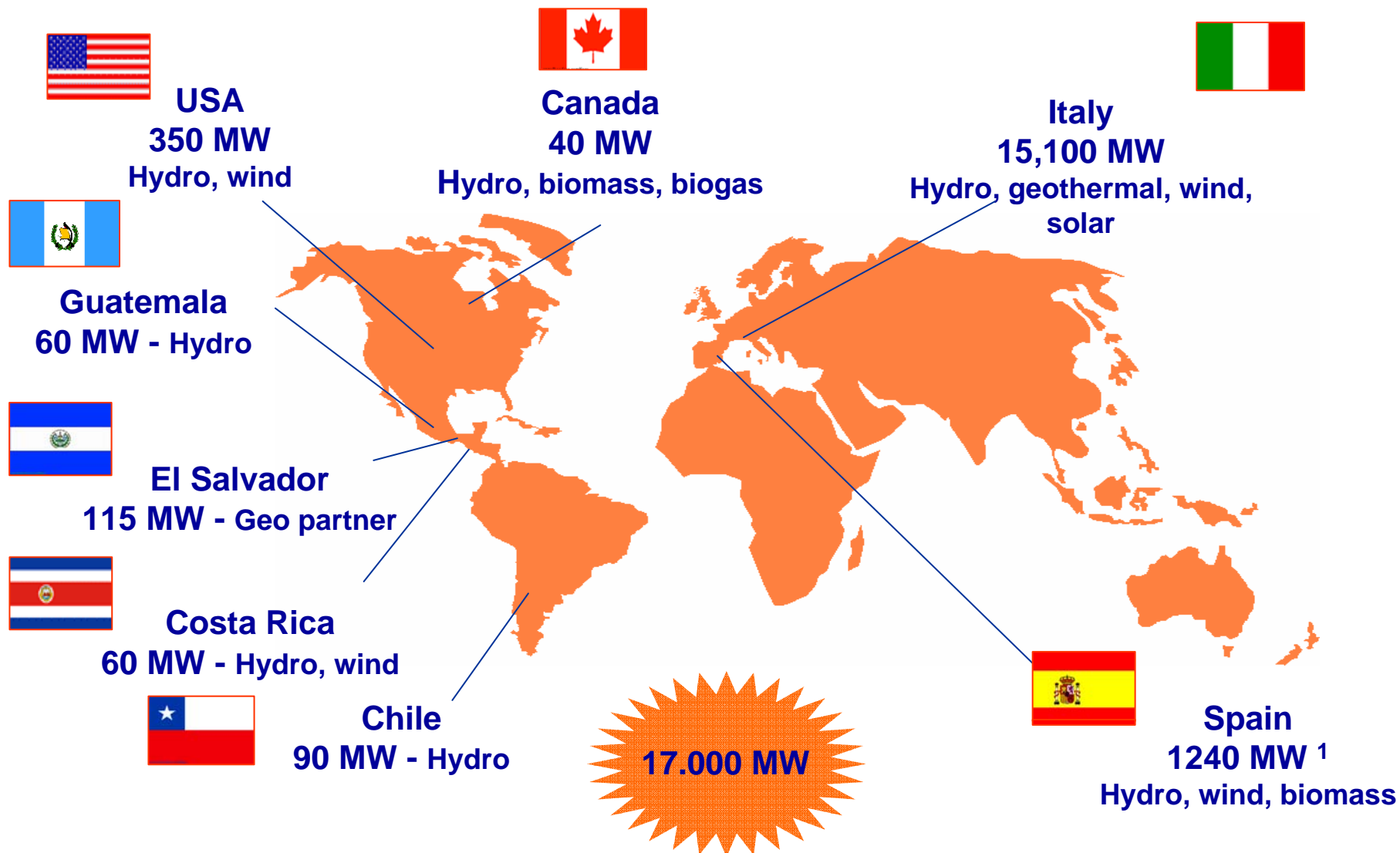
**Need to control efficiency**

**Investment  
subsidies**

**Public support to capital  
investment**

**High burden on Government**  
**Low efficiency**

# Worldwide renewables portfolio



<sup>1</sup> including plants in partnership

# Enel's further investments

**Investments of 1.7 billion Euro in the  
next four years**

**geothermal, hydro and  
wind +1,23Twh 2005-2009**

**Solar energy “Archimede Project”**

# Our expertise in geothermic: Larderello case' study

1904



2004



**The most  
important  
geothermal site in  
the world**



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