

SUMMARY  
OF ENERGY POLICY  
IN THE SECTORS OF  
**RENEWABLE ENERGY SOURCES  
(RES) & ENERGY EFFICIENCY**

MINISTRY OF DEVELOPMENT

Directive 2001/77/EC  
as spur for RES development.

The RES **indicative 20,1%** stake in the  
country's overall electricity output  
in the year 2010

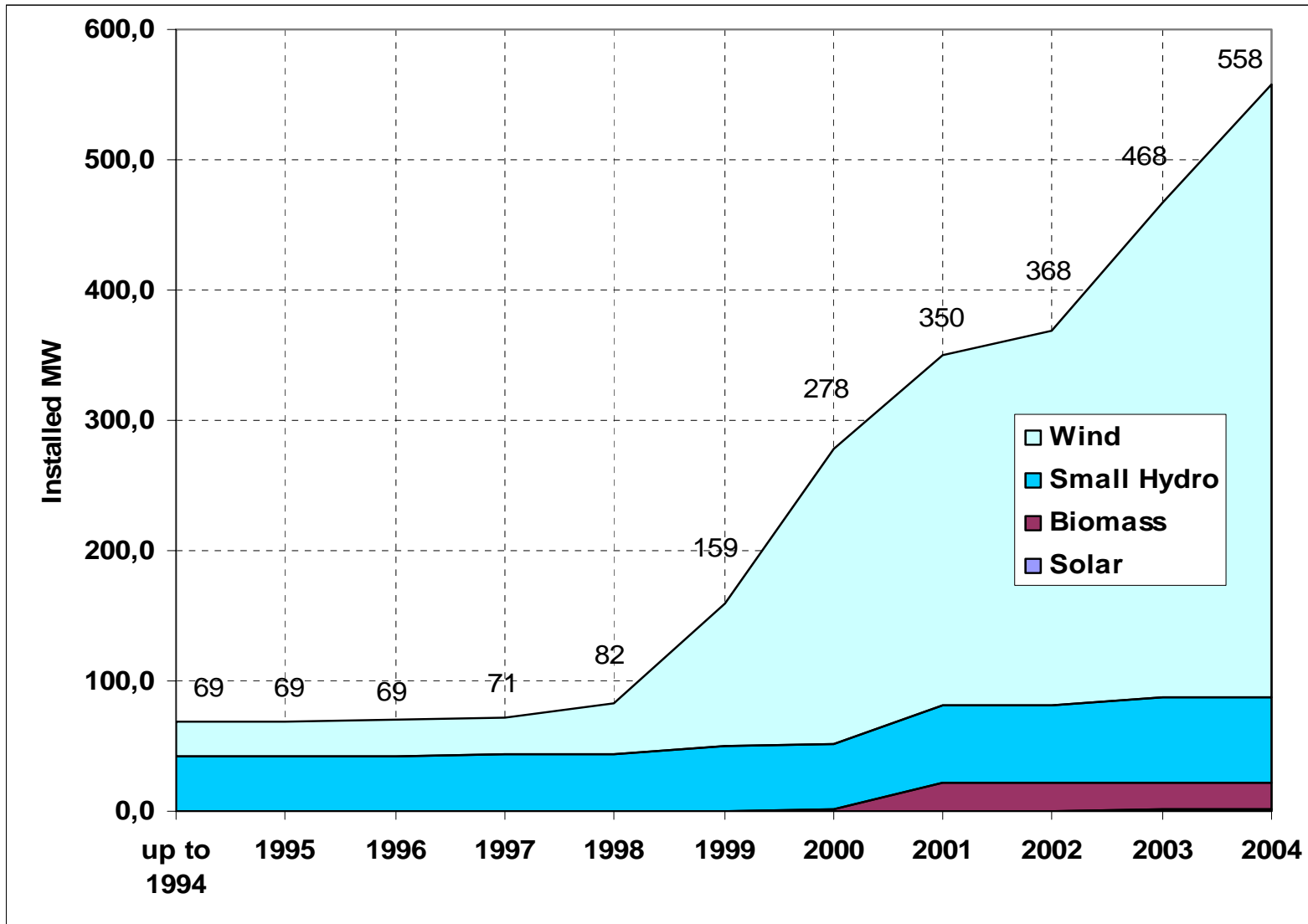
# Basics of Greece's Electricity System in 2003

- PPC generation 52,2 TWh
- customers 6,7 million
- Capacity 12 TW PPC & 0,5 TW other generators

## Energy mix (TWh)

- lignite 31,60
- oil 7,64
- Natural Gas 7,64
- Large-scale Hydros 5,21
- RES 1,20
- Net imports-exports 2,99

# Progress of RES installed capacity each year



# Overview of RES institutional context

- Law 2244/1994: beginning for the effective RES development: **fixed feed-in tariffs for Renewable Energy**
- Law 2773/1999: **emphasis on the priority access to the grids** – introduces a fee of 2% on the proceeds of renewable energy sales for the benefit of local government organizations
- Law 2941/2001: **a breakthrough in the licensing process**

# Latest developments...

## **Law 3175/2003**

- establishes for the first time a comprehensive set of rules for the rational use of **geothermal energy** – the probable potential of the whole country exceeds 500 MW
- enhances the liberalization of the electricity market
- introduces shortened and simplified procedures for the reinforcement and extension of power lines to serve RES deployment

## **Revision – update of the Regulatory Framework**

# System Operator

By virtue of P.D. 328/2000 the System Operator was established to operate, develop, and maintain the Greece's power transmission system and its interconnections with other systems for the purpose of supplying power to the country in an adequate, safe, effective and reliable way

PPC acts as Operator of the grids of the autonomous islands not connected to the mainland's interconnected system

# Energy Efficiency

Three Ministries formulate energy policies in their respective sectors

## Regarding Ministry of Development...

### **Buildings Sector**

(A regulation for the rational energy use and energy conservation in buildings (KOXEE) is being prepared which will establish minimum energy standards, classification, energy audits, etc.)

### **CHP**

### **District Heating**



# **Public Support**

## **Operational Programme for Competitiveness**

(Receives financing from the 3rd Community Support Framework)

**1,02 billion €, provides financing 30-50% of the eligible cost**

**RES & CHP 930 MW – electricity production 3,4 TWh**

## **National Funding Law 2601/1998**

**grants public financing up to 30% of the eligible cost**

**RES & CHP 600 MW until 2010**

## **Advantageous fixed feed-in tariffs**

**for electricity produced by RES and through CHP**

# The era after the end of capital subsidies...

- It is taken as granted that feed-in tariffs along with lack of competition among RES will sustain in the far future to offset any decline of the capital subsidies regime
- Wind Power: velocities  $> 8\text{m/s}$  support viable investments

**Thank you very much  
for your kind attention**

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