

***Overview on the Development of the
Renewable Energies in Europe
Status 2009***

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Renewable Energy in the European Union: a Start with RTD

- **First R&D Programme in 1975; continued till Today;
Managed by DG RTD**
- **Currently Part of FP 7 running from 2007 to 2013
(50 B € in Total, Non-nuclear Energy 2.3 B €);
Managed by DG RTD; DG TREN (Energy) a Partner;
2.7 B € extra for Euratom (Fission and Fusion);
managed by DG RTD**
- **Demonstration Programmes since 1978; Now IEE:
Intelligent Energy Europe 2007-2013 (720 M €);
managed by DG Energy (TREN)**

First RE Strategies and Directives

- **EU White Paper RE from 1997 with Targets for 2010:**
 - **All RE doubling to 14%: not achieved**
 - **40 GW of Wind Power: Twice as much achieved**
 - **3 GW of Solar PV: Twice as much achieved**
- **Directive 2001/77 on RE Electricity Share of 21% by 2010 almost achieved**
- **Directive 2003/30 on Bio-fuels for Transport with Target 5.75% Share by 2010 almost achieved**

RE in the Climate and Energy Package

- **The EU Council of March 2007 (German Presidency) agreed on a Target of 20% RE to Gross Final Energy Consumption by 2020**
- **As Part of the Climate Package agreed under French Presidency by the Council and the EU Parliament on 17 December 2008, the RE Target is confirmed**
- **On 23 April 2009 the Directive on RE is finally agreed by the Council and the Parliament and published EU OJ of 5 June 2009**

Sector Targets

- **There is only a Target for RE in Transport (10%) that replaces the old of the 2003 Directive**
- **Contrary to those of the White Paper of 1997, there is none here; it is left to Member Countries to fix them for themselves**

Joint Projects with Third Countries

Article 9.1 says:

“One or more Member States may co-operate with one or more Third Countries on all Types of Joint Projects regarding the Production of Electricity from RE Sources. Such Co-operation may involve Private Operators”

The National RE Energy Action Plans NREAPs

- **On 30 June 2009 the EU Commission adopted a Template for the NREAPs. It will guide MS in the Elaboration of their Plan and detail their Strategy for reaching their Target**
- **Member States must submit a NREAP to Brussels by June 2010**
- **According to Article 24 of the RE Directive, the Commission must publish the Template, the National Action Plans, the first Progress Reports due by Dec 2011....**

Further Contacts

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Thank You