Renewable energy targets

Bioenergy from the Forest Sector
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Renewable energy targets: 2005

In 2005, 43 countries had renewable energy targets – mostly OECD countries.
Today, 164 countries have at least one type of renewable energy target – including 131 emerging and developing countries.
While renewable electricity targets are the most widespread type, heating/cooling and transport sector targets have increased significantly over the last decade.
What are RE targets?

The great diversity of renewable energy targets calls for definition and context

Renewable energy targets are numerical goals established by governments to achieve a specific amount of renewable energy production or consumption.
Current status of RE targets
1. In the policy formulation stage:
   • Data for consultation (target feasibility), increase transparency, stimulate debate, raise awareness and acceptance.

2. In the policy implementation stage:
   • Provide clear direction of policy to stakeholders and signal political commitment. Motivate stakeholders to take action.

3. In the policy monitoring and evaluation stage:
   • Supply data for evaluation and adjustments.
   • Show deficiencies in current operations.
   • Provide opportunities to take action to correct deviations.
   • Expose data needs and discrepancies.
Monitoring renewable energy targets in EU Member States

Share of renewables in gross final energy consumption in 2005, 2012 and 2020 target

Source: Eurostat
1. **SDG 7 (Energy): Ensure access to affordable, reliable, sustainable and modern energy for all:**
   - **Target 7.2:** By 2030, increase substantially the share of renewable energy in the global energy mix.
   - **Indicator 7.2:** Renewable energy share in the total final energy consumption.

2. **Revision to EU renewables directive:**
   - Biofuels target: food-based BF: 7.0% (2021) - 3.8% (2030)
   - Biofuels target: advanced BF: 1.5% (2021) - 6.8% (2030)
   - Energy target: advanced BF + biogas: 0.5% (2021) - 3.6% (2030)
   - Advanced biofuels = biofuels from straw, forestry residues, non-food cellulosic and lingo-cellulosic material.
Thank you