



## **Country Report: Italy**

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## **National Energy Strategy (SEN)**

**More than 20 years on since the adoption  
of the last National Energy Plan,  
the government presents the new  
National Energy Strategy (2020)  
and opens it to the public consultation  
(dead line November 30<sup>th</sup>)**



# National Energy Strategy (SEN)

- **Focus:**
  - Energy costs,
  - Environment
- **Objectives:**
  - Reducing energy costs, attaining and surpassing all of the European environmental targets, greater security of supply and industrial development in the energy sector.
  - The modernisation of the energy sector is a key element in the government's Sustainable Growth Agenda.



## Expected results by 2020 (1)

- The wholesale **prices of all energy sources** (electricity, gas and fuels) will be **aligned** with European price levels.
- **Expenditure on energy imports** will be reduced by about **€14 B/year** (from the present €62 billion)
- **Dependency on foreign supplies from 84% to 67%**, thanks to energy efficiency, increased production from renewables, lower electricity imports and increased production from national resources.
- **€180 billion will be invested between now and 2020 in the green and the white economies** (renewables and energy efficiency) and in traditional sectors (electricity and gas networks, re-gasification plants, storage, hydrocarbon development).



## Expected results by 2020 (2)

- **Greenhouse gas emissions will fall by about 19%**, exceeding the European targets for Italy, set at 18% below the 2005 emission levels.
- **Renewable** energy sources will account for **20% of gross final consumption**
- Furthermore, it is expected that **renewables** will become the **primary source in the electricity sector**, equivalent to, or slightly overtaking, gas, to account for **about 36-38% of consumption** (compared with 23% in 2010).
- **Primary consumption will fall by about 24% by 2020** compared with the reference scenario (an estimated 4% below 2010 levels); this exceeds the European objectives of -20%, thanks mainly to energy efficiency measures.



## Priorities (1)

The SEN has been broken down into **seven priorities**, each with specific supporting measures that have already been set in motion or are currently being defined:

1. **Fostering Energy Efficiency**, which is expected to exceed the European targets, as the most appropriate means of pursuing all the aforementioned objectives.
2. **Promoting a competitive gas market**, integrated with and with prices aligned to the European markets, and with the possibility of becoming the **main Southern European Hub**.
3. **Sustainable development of renewables**, in order to exceed the European targets (“20-20-20”), while at the same time keeping energy bills down.
4. **Developing an electricity market fully integrated with the European market**; the market should be efficient (with **prices competitive with the rest of Europe**) and see the gradual integration of renewable power production.



## Priorities (2)

5. **Restructuring the refining industry** and the fuel distribution network, to achieve a more sustainable system with European levels of competitiveness and service quality.
6. **Sustainable raising national hydrocarbons production**, which will bring major economic and employment benefits, while observing the highest international standards in terms of security and environmental protection.
7. **Modernising the system of governance** of the sector, with the aim of making decision-making processes more effective and more efficient.

The priorities assigned to energy efficiency, renewables and the sustainable use of fossil fuels will require **research into and the development of state-of-the-art technologies**.



# Thank you for your attention

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