Regulation as a key driver for renewable energy development: lessons from the Spanish case

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CORE MESSAGES





- Regulation is the key element for Renewable Energy development but at the same time the main risk to consider.
- The best strategy for a firm to hedge regulatory risk is to propose fair, stringent y efficient regulatory frameworks.

• Each renewable technology faces different challenges and regulation must adapt to them.

Power generation technologies present important differences in their risk profile.





Not only is regulation a key element for renewable energy development but also it is the main risk to consider.

Stable, sufficient and predictable support frameworks are required to deploy renewable energies.





Spain has examples of sustainable and unsustainable result of regulation.



SPANISH SUPPORT FRAMEWORK FOR RE (Main elements):

- Objectives defined by technology.
- Premiums differentiated by technology, updated every four years (no retroactivity).



Sustainable development vs. speculation.





Annual solar PV installed capacity in Spain (MW)



Source: CNE y REE

Sustainable development. Stable path. Industrial growth.

Bubble leads to speculation. Low impact on national economy growth.

Each technology faces different challenges and regulation must adapt to them.





Just some final remarks...





- Regulation is a key issue for RE development but it is also the main source of risk.
- RE companies should lobby for sustainable and stringent frameworks to mitigate their risk.
- Policies to promote renewable energies need to be adapted to the situation of each technology in terms of technology development, potential, cost and other issues.
- Not properly defined frameworks have negative impact: what works for one technology may not work for other.
- The increase in renewable energy share should take into account electricity sector sustainability in terms of competitiveness and security of supply.