

## Valletta electricity policy

We study the effect of (de)regulation (NMR) on innovation in the electricity sector. The reduction of entry barriers has a major role in the decrease of patenting. This effect depends on the strength of the deregulatory process. We find an inverted U-shaped relationship between NMR and innovation.

compare countries that have deregulated their electricity sector, with countries that have not done so yet, in order to single out the impact of the reform process on innovation. Innovation is measured by the number of patents granted within the electricity sector by the European Patent Office (EPO hereafter). To measure the intensity of

electricity (but also gas, telecommunication and transport) have typically been tightly regulated. Regulation would concern structural aspects of the industry (e.g., entry conditions, ownership, vertical integration) but also the performance of the operators (tariffs and quality standards) hence having an impact on profits and possibly biasing

Giacomo Valletta from EDHEC Business School sheds light on the key issues concerning deregulation and innovation in the European electricity industry. Over the last three decades, the electric industry has changed enormously in terms of deregulation and innovation.

Electricity (de)regulation and innovation. Marianna Marino, Pierpaolo Parrotta and Giacomo Valletta. Research Policy, 2019, vol. 48, issue 3, 748-758 Abstract: In this paper we study the effect of deregulation on innovation in the electricity sector using a sample of 31 OECD countries. Exploiting sharp reductions in the level of product market ...

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