

*Welcome seminar for new faculty*

# The potential evolution of local energy prices: a marginal emission factors' perspective

*A seminar by Marina Bertolini*

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**Friday 16 Jun 2023 | 12:30 p.m.**  
**Room Benvenuti and live Zoom**  
**Department of Statistical Sciences**

Clean Energy for all European Package claims for the participation of consumers and prosumers to the energy markets, and to electricity markets in particular. We are observing a strong interest in the development of energy communities and other forms of local participation, which in principle should allow energy to be managed close to the place of production, also using a local reference market.

The aim of the work is to investigate the future evolution of local electricity markets from the energy price point of view. Considering the characteristics of the local markets, but above all the characteristics of the future local market players, the study will focus on the potential composition of a single local price (i.e. trying to make a synthesis between day ahead and balancing market). Given the need for a cleaner energy use and the purpose of the legislation, that is to make energy consumers more sensitive to pollution, energy prices shall include a CO<sub>2</sub> tax component.

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