

FSR Climate Annual Conference 2022 – 8th edition

Thursday 1 December

16:00-17:00 | *Keynote Speech*

Presenter: Mar REGUANT (Northwestern University)

Title: *Successes in the renewable expansion: learning from Spain and Chile*

Abstract:

Renewable costs have been dramatically declining, and so have the costs of integrating renewables into the grid. I discuss several dimensions along which the integration of renewables has been improving in several markets. I then focus on two case studies: Spain and Chile. In Spain, I show how market design changes and operational improvement have reduced the incidence of renewable intermittency on the grid (Petersen, Reguant, and Segura, 2022). In Chile, I show how a significant grid expansion allowed for the harvesting of solar power in the Atacama desert (Gonzales, Ito, and Reguant, 2022). The cost-benefit approach will be used to discuss the merits of these two renewable expansions.

Webpage and programme [here](#)