



Antoine DECHEZLEPRÊTRE (OCDE)

### Driving low-carbon innovations for climate neutrality

The transition to climate neutrality requires cost reductions in existing clean technologies to enable rapid deployment on a large scale, as well as the development of emerging technologies such as green hydrogen. This policy paper argues that science, technology, innovation, and industrial (STI&I) policies focusing on developing and deploying low-carbon technologies are crucial to achieving carbon neutrality. It notes however that the current level of innovation is insufficient to meet the net-zero challenge due to a policy emphasis on deployment rather than research and development (R&D) support. The paper explores the rationale for more ambitious STI&I policies targeted at R&D for climate neutrality and provides policy recommendations for an effective innovation policy for net-zero, including its interaction with the broader climate policy package.

Keywords: climate change mitigation, low-carbon innovation, technological change, innovation policy, climate policy

Co authors: Mario CERVANTES, Chiara CRISCUOLO, Dirk PILAT (OECD)

❖ 12h30 – Salle 103 / Comodal

❖ Participer à la réunion Zoom

[https://zoom.us/j/95741920861?](https://zoom.us/j/95741920861?pwd=MIQreEQ4STBPUIFELQVIVk55QIZyUT09)

[pwd=MIQreEQ4STBPUIFELQVIVk55QIZyUT09](https://zoom.us/j/95741920861?pwd=MIQreEQ4STBPUIFELQVIVk55QIZyUT09)

ID de réunion : 993 2844 4342

Code secret : 4RxD9R

❖ Calendrier des séminaires

<https://urlz.fr/jllR>

