

CELEBRATING 40TH ANNIVERSARY OF THE UNIVERSITY OF MACAU

Seminar on Economics: Risk-opportunity Analysis for Transformative Policy Design and Appraisal - An EV Case Study

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SCAN FOR
ZOOM



Abstract:

The climate crisis demands a strong response from policy-makers worldwide. The current global climate policy agenda requires technological change, innovation, labour markets and the financial system to be led towards an orderly and rapid low-carbon transition. Yet progress has been slow and incremental. Inadequacies of policy appraisal frameworks used worldwide may be significant contributors to the problem, as they frequently fail to adequately account for the dynamics of societal and technological change. Risks are underestimated, and the economic opportunities from innovation are generally not assessed in practice. From an EV case study, the papers finds that appreciation of the potential for reinforcing feedbacks to drive down the costs of clean technologies could have supported a strong case for investing in the deployment of those technologies, even when their costs were high.