

IP6-A2 Negative Emission Technologies (NETs)

The 2015 Paris Agreement emphasized the importance of carbon dioxide removal in global emission pathways and Negative Emissions Technologies (NETs) that capture carbon from the atmosphere and remove it from the system have since been in the spotlight. NETs range from innovative, engineered technologies, to well-known approaches like afforestation. To understand the potential contribution of NETs to meet global emission goals, we need to better understand opportunities and constraints for deploying these technologies. IP6 has a range of research activities on NETs, including analysing policy representations of their importance, assessing their potential contribution to decarbonisation, incorporating societal factors into feasibility assessments, exploring trade-offs and synergies with other societal (sustainability) goals, and eliciting societal perceptions of such technologies and developing context-appropriate monitoring systems.

In this workshop, we will present some highlights of the research in order to prepare the ground for a further discussion with the participants on exciting cross-IP research questions related to NETs.

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Session Classification: Breakout Session