The Role of Green Networks for Environmental Innovation in European Regions

by Andrea Fabrizi | Cristiana Fiorelli | Valentina Meliciani | Presidency of the Council of Ministers | Sapienza University of Rome | LUISS University

Abstract ID: 344

Inviato: 12/04/2024

Evento: XXII Workshop Annuale SIEPI

Argomento: 6. Innovazione, cambiamenti tecnologici e politiche connesse Parole chiave: European regions, green innovation, knowledge diffusion, networks

This paper investigates the role of green research networks on green innovation capabilities in European regions. Our hypothesis is based on the idea that cross-border collaboration facilitates the diffusion of knowledge externalities in environmental innovation, thereby favouring the green transition of the regions belonging to the network. Thus, we test the hypothesis that regions that form these transnational networks are more likely to engage in green innovation. Through collaborative efforts facilitated by the European Commission's Framework Programmes, we highlight the importance of geographical and transnational networks in facilitating knowledge transfer. The results show that both intra-regional and international collaborations are crucial for promoting green innovation. Transnational networks are particularly effective in disseminating knowledge and resources critical to the green transition. This study contributes to the development of robust networks and strategic partnerships to support a sustainable future in Europe.