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D3.2.2 Publication on lessons learned from transdisciplinary research in ENHANCE

TRANSDISCIPLINARY RESEARCH FOR SUSTAINABLE DEVELOPMENT: DIVERSE AND BEST-PRACTICE AT EUROPEAN TECHNICAL UNIVERSITIES

(Manuscript title)

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// SUBMISSION INFORMATION

The article has been submitted for peer-review to the journal “Foundations of Management” at 25th August 2023 (Foundations of Management (<https://sciendo.com/de/journal/FMAN>)).

// ABSTRACT

As societal challenges grow, so does the role of universities in finding social and technological solutions. Technical universities have a prominent role to play in educating future innovators and developing desired technological and social change. This paper seeks to identify commonalities and better understand differences in order to develop strategies for mutual support and exchange of best practices. The methodological approach focuses on three questions concerning 1) the common understanding of transdisciplinarity, 2) the diversity of transdisciplinary approaches to sustainable development, and 3) the different institutional structures that enable and promote transdisciplinary approaches to sustainability. The qualitative exploratory research suggests that a higher level of societal engagement in scientific research has a positive impact on societal transformation towards sustainability. This research is also a first step towards making transdisciplinary research at technical universities more visible and transparent in order to provide better support and create a mutual learning environment for discussing and continuously developing strategies for organisational change.

// KEYWORDS

transdisciplinarity, societal impact, levels of engagement, sustainable development, ENHANCE alliance

// JEL

I23 Higher Education and Research Institutions, I25 Education and Economic Development

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