



19 juni 2025 | Groningen



Knowledge session IV: Other Aspects On The Energy Transition

#### **SPRONG-SURE**

Work package 3: Methodology Development

# Quality framework for practice-based transdisciplinary research

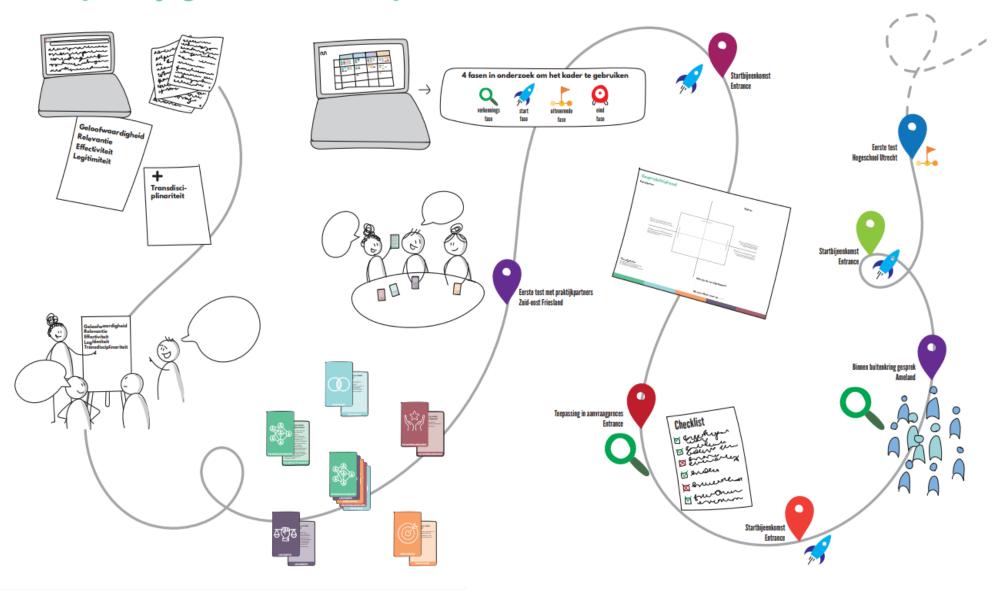
Sarah Elbert Mieke Oostra Marry Bassa

Maarten ter Huurne Eva van Rij Carina Wiekens





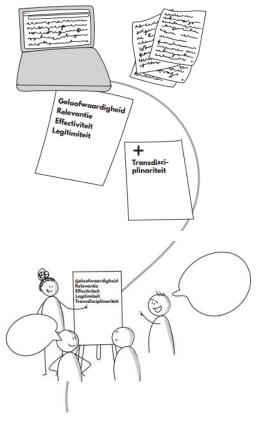
# Aanpak in de ontwikkeling van het kwaliteitskader voor praktijkgericht transdisciplinair onderzoek



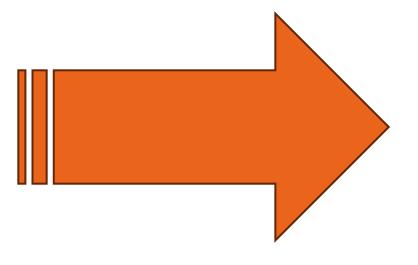


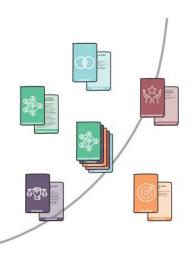






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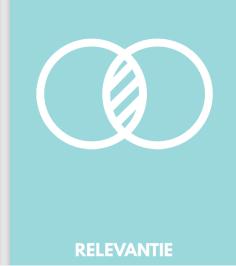
## Wat versta je onder transdisciplinariteit?

Overstijgen van disciplinaire en institutionele grenzen, contextspecifiek en probleemgericht onderzoek (Klein, 2006; Carew & Wickson, 2010). Het combineren en verenigen van methodologieën uit verschillende theoretische paradigma's, omvatten van diversiteit aan zowel academische als lekenactoren, en wordt uitgevoerd met een scala aan onderzoeksdoelen, organisatievormen en outputs (Klein, 2006; Boix-Mansilla, 2006; Erno-Kjolhede & Hansson, 2011).

#### **TRANSDISCIPLINARITEIT**

### Wat versta je onder relevantie?

Het belang, de betekenis en het nut van het onderzoeksprobleem vanuit praktisch en theoretisch oogpunt, de doelstellingen, processen en bevindingen.



RELEVANTIE

#### Wat versta je onder geloofwaardigheid?

De robuustheid van de resultaten en betrouwbaarheid van de kennisbronnen.

**GELOOFWAARDIGHEID** 



#### Wat versta je onder effectiviteit?

Het onderzoek genereert kennis en stimuleert acties die het probleem aanpakken en die bijdragen aan oplossingen en innovaties.

**EFFECTIVITEIT** 



#### Wat versta je onder legitimiteit?

Het onderzoeksproces wordt als eerlijk en ethisch waargenomen, bijvoorbeeld in vertegenwoordiging van alle betrokkenen en adequate en oprechte inachtneming van de waarden, belangen en perspectieven van de verschillende betrokkenen.



LEGITIMITEIT

## **Transdisciplinarity**

Transcending disciplinary and institutional boundaries, with the active participation of practice partners throughout all phases of the research process

#### Relevance

The extent to which the research addresses societal and scientific needs and contributes to solving pressing issues.

## Credibility

The robustness of the findings and the reliability of the knowledge sources.

## Legitimacy

The fairness, transparency and ethical accountability of the research process, as well as the inclusion of diverse perspectives and interests.

#### **Effectiveness**

The actual impact of the research, i.e. whether it leads to action, change or innovation in practice.

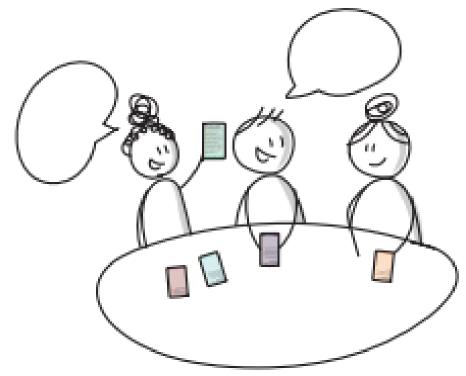
# **Development steps**

November / december 2023:

Rubric and interview guide to test the quality framework in the different experimental areas of Sprong Sure, integration with Boundary crossing

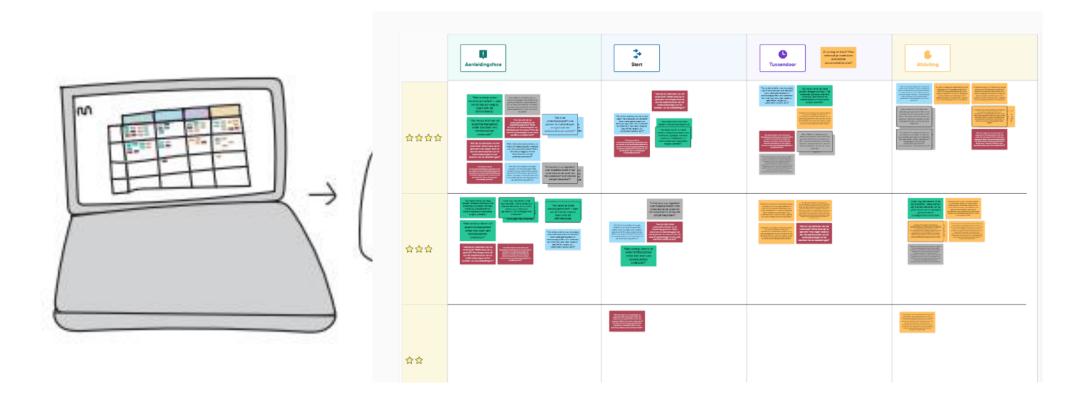
March/april 2024:Prototype card set

Session with the quality framework in South-east Friesland



# Development steps

October 2024: prioritization of cards in the different phases.



# **Development steps**

#### November 2024 - May 2025:

The quality framework was applied in multiple kick-off meetings at Entrance.





# End 2024 / begin 2025: Implementation of the quality framework in the process of research applications within Entrance → checklist for researchers

# Learned so far

- The quality framework provides a clear overview of the key elements of practice-based transdisciplinary research.
- We have ways to work with this for the first two phases of research: a checklist and kick-off meetings.
- Implementing the quality framework in these phases leads to important discussions (between research groups).
- Flexibility in working methods, changing with the vision and use of the quality framework

# The future of the quality framework

Aanpak in de ontwikkeling van het kwaliteitskader voor praktijkgericht transdisciplinair onderzoek

