



Digitalisation as an Opportunity for Women in STEM: Researching the Nexus of School, University and Labour Market

Yves Jeanrenaud, Anna-Kathrin Wimmer
Ludwig-Maximilians-Universität München (LMU Munich)

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digiMINT „Digitalisierung als Chance für Frauen in MINT: Schule – Studium – Beruf“
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PI: PD Dr. habil. Yves Jeanrenaud
Ludwig-Maximilians-Universität Munich
Department of Sociology
Lehrstuhl Soziologie und Gender Studies
Konradstr. 6
80801 München
yves.jeanrenaud@soziologie.uni-muenchen.de



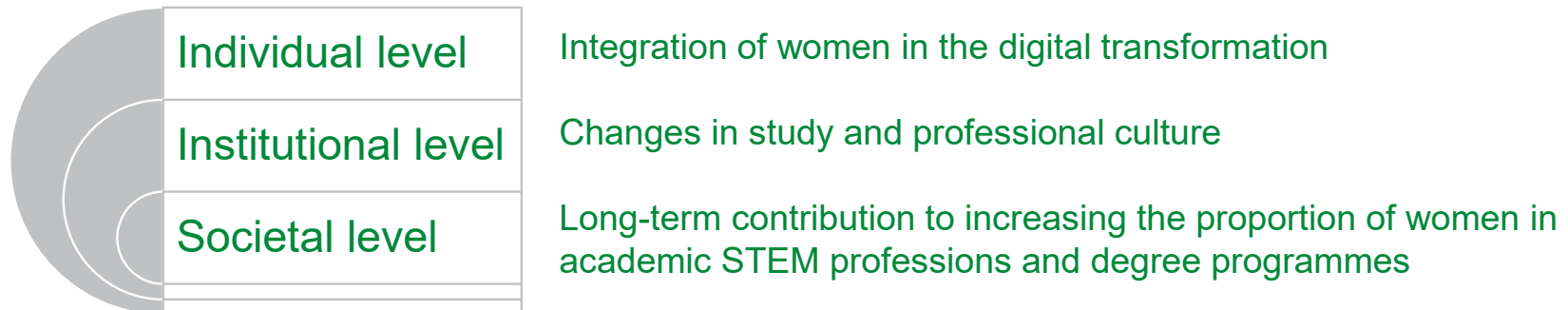
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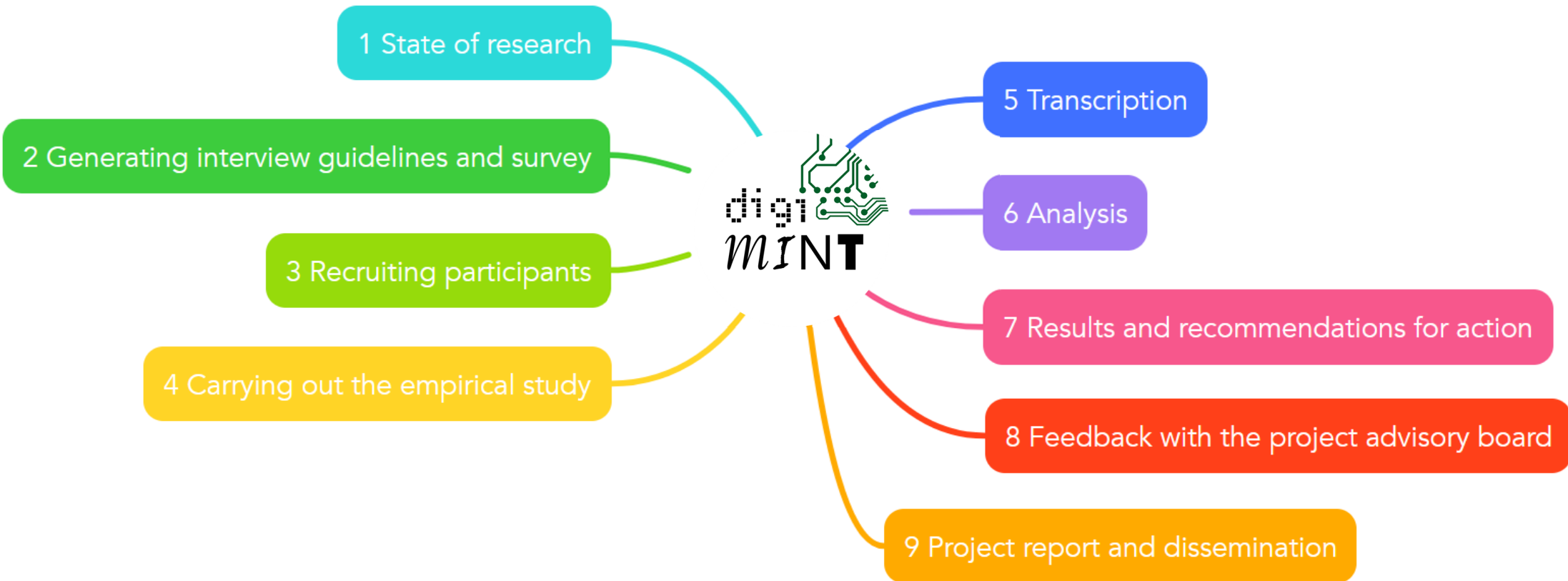


About the Project „digiMINT“ (01FP22M01)

- Women in STEM, especially in mechanical and plant engineering
- Successful and sustainable integration into STEM study programmes and professions
- Mixed methods design
 - Qualitative, problem-centred interviews with female pupils and STEM students
 - Quantitative online survey with companies from the mechanical and plant engineering sector
- Multi-perspective picture of the framework conditions
- Practical cooperation
- Target group-oriented, gender-appropriate recommendations for action



Work Packages of the Project



Five interview cohorts:

- I. High school graduates
- II. Young female STEM students at universities
- III. Advanced female STEM students at universities
- IV. Female STEM university graduates
- V. Young professionals

+ Survey: Companies' perspectives



Digitalisation as Intervention

- Engineering education along the life course
 - Application of digital educational concepts and practices
 - Digital practices as tools (e.g., Zoom, MS Teams, Cisco WebEx etc.)
 - Digital practices as learning contents (e.g., OER, acquisition of skills to use the digital tools etc.)
- Digitalisation as an intervention into pedagogical contexts
- In HEI
 - On the job

