

Template for approval by board:

- Name given to the project (please keep it short, no more than 1-5 words): **Tech Transformation in the AI Era - Data and Infrastructural Readiness (The Case of Emerging Economies)**
- Name(s) of the fellow(s) taking part (with institutional affiliation(s) please): **Dr. Paul Hedru (Ph.D.) and Dr. Abeba N. Turi (Ph.D.)**
- Identify the 1-5 keywords associated with the project: **Data AND Infrastructure, Tech Transformation, Tech Policy, Algorithm Economy, AI**
- **Summary of the project focus**

The research project focuses on the trends of digitization emerging economies. By taking evidence from the selected emerging economies, the research aims to flesh out the core developments and trends in adopting state-of-the-art digital tech solutions in these economies there by assessing the tech readiness of these economies with a focus on AI solutions. In this study, we will conduct a survey on digitalization and reviewing best practices to draw the key constructs for an effective digital transformation and tech readiness in these economies.

Aims and Objectives:

To assess tech readiness of emerging economies in the era of the luring AI tech solutions

To identify the most common practice of digital transformation in emerging economies and the trending AI solutions suitable for emerging economies?

Analyse the role of disruptive technologies like AI in the tech transformation and economic development of emerging economies.

Identify the challenges and opportunities of tech transformation in the ear of AI for the emerging economies.

To draw policy implications for tech transformation of emerging economies in the verge of the luring AI space

Assess the data and infrastructural layers of tech readiness in the emerging economies.

Work plan

Results of this work will be published in indexed journals and conference proceedings. Based on a discussion with key stakeholders, policy recommendations for efficient tech transformation of the tech laggard economies in the verge of the AI-led tech space will be put forward.

Please indicate briefly and as concrete as possible what you expect the project to have achieved after

<i>Phase</i>	<i>Activity</i>	<i>Timeline</i>
1	Literature review and metasynthesis Open Data Initiative Use cases and best practices	1 st 6 months
2	Survey design and Data analysis	12 moths

3	<p>Module development for stakeholder consultation and training</p> <p>Develop an open data framework for a robust implementation in the emerging economies context.</p> <p>Pilot test on selected countries (conditional on data infrastructure, stakeholders' transparency and availabilities of budget)</p>	24 months
4	GUS Canada Digital transformation report	Final Report