

Project title: Transformative Innovation Policy and the SDGs

Description

The Transformative Innovation Policy Consortium (TIPC) is a group of science, technology and innovation researchers, policymakers and funding agencies working together to give substance to a new framing for Science, Technology and Innovation (STI) policy – Transformative Innovation Policy (TIP). TIP aims to address global societal challenges, as encapsulated in the United Nations’ Sustainable Development Goals. Co-ordinated by the Science Policy Research Unit (SPRU) at the University of Sussex Business School in the UK, the current members are innovation ministries and funding agencies from Colombia, Finland, Norway, South Africa and Sweden. There are additional associate programmes in China, Brazil, Senegal, Ghana, and Kenya.

TIPC is a five-year programme focused on policy experimentation, evaluation, capacity building and research agenda development. An overarching ambition is to see the widespread adoption of new transformative innovation policies and practices across the globe. This transdisciplinary approach is already generating new frameworks, standards and narratives, and exploring novel ways to harness mutual policy learning between countries in the Global North and South.

Source and for more information on the project: <https://www.tipconsortium.net/about/>

Method

- 1) Qualitative data collection from secondary data (review of literature)
- 2) Primary data collection via interviews, workshops, and focused-group discussions
- 3) Use of case studies
- 4) Quantitative data via databases
- 5) Mixed-methods research design – involving qualitative and quantitative data collection

Skills / experience required

- 1) Research and academic writing
- 2) Literature review – basic level
- 3) Data analysis – foundation level would be fine
- 4) Project and/or programme management
- 5) Administration, event organisation and management, ICT

Key readings

- 1) Selected project publications are available at: <https://www.tipconsortium.net/tipc-author/chux-daniels/>
- 2) For additional publications relevant to the project, see: <https://www.tipconsortium.net/tip-research/>

Learning Outcomes

Deepening student’s understanding on aspects that include

- 1) The latest research, theories, and frameworks on STI policies
- 2) The role of innovation policy in achieving transformative change – that is, addressing economic, social and environmental challenges through innovation, and STI more broadly
- 3) Transdisciplinary research approaches, stakeholder engagements in research, policy impacts

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