Introduction

**Definition and positioning of the TIP KI**
The drive for building the knowledge infrastructure (KI) on TIP emerged as a natural outcome of collaboration between TIPC and four key scholar networks, the European Forum for Studies of Policies for Research and Innovation (Eu-SPRI), the Sustainability Transitions Research Network (STRN) and the Global and African Networks for Economics of Learning, Innovation, and Competence Building Systems (Globelics/Africalics).

**Key milestones** included:
- The willingness and intent of many Valencia 2019 Conference participants to become part of a Research Network on TIP.
- The explicit consensus among the networks on a concrete development of the KI in May 2020.
- The subsequent publication of a Transformative Innovation Policy (TIP) Research Agenda (September 2020) usefully collated a set of TIP research questions classified in key themes to open space for more research and dialogue.
- The delivery of the 2022 TIP Conference built around the KI theme, brought forward new TIP projects and connected communities of researchers, policymakers and practitioners.
- The implementation by 2023 of TIPC’s resource pack to feature concepts, tools and learnings from local contexts making them openly available to anyone interested in or working in TIP.

This ongoing activity has led to the following **realisations**:
- That TIP work exceeds the boundaries of innovation policy and that different communities work on transformative projects around the world.
- There is a need across the different communities to locate and make sense of the new thinking and work in TIP as these emerge; first, they need to be able to access it.
- There is a need to understand how to apply this new thinking and approach in local contexts mainly by learning from the lived TIP experiences of professionals and communities.
- There is an appetite for participating in ongoing dialogue about both the theory and practice of TIP.
This background has formed the core of our **working definition** of the TIP KI:

**The attempt to bring together the fundamental, instrumental and networking aspects of TIP as a distinct contribution toward the further diffusion of TIP as an approach and a practice. By collating knowledge, insights and evidence from different actors and transformative policies, programmes and projects and by making it available widely, we will develop a KI that is accessible, operational and sustainable so that, in the future, the newcomers to TIP and the more experienced TIP professionals can benefit from its growth and use while feeding back into it thus forming a virtuous cycle of TIP knowledge and expertise.**

We acknowledge the technical infrastructure as another key component of the overall activity and in this note, we focus more on the plan for the coming academic year for further developing the KI and future considerations while continuing to work towards its further specification.

**Work towards the TIP KI**

Considerations about the people, ways of working and spaces for exchanges are important in advancing the development of the TIP KI.

1. **People: bringing together the informal network to a TIP Community of Practice**

The TIP network has been expanding to a large number of researchers, practitioners and policymakers who engage already with TIP activities. Work in this area may involve:

   a. Understanding who from within the informal TIP network is interested in the TIP KI. We can invite the current network to fill in a profile where they provide information on the transformation projects they are involved in and their interest in TIP KI.
   
   b. Analyse the data to understand the breadth and depth of the work of the TIP network and map the characteristics and interests of the members; identify professionals who already engage with relevant topics (for example, those working on socio-technical systems), possible gaps in TIP topics and map members around specific TIP Research Agenda topics
   
   c. Consider how to bring the TIP Community together (e.g. space and activities). As we continue to organise TIP KI sessions as part of the Networks’ Conferences, we invite this community to play an active role in these sessions (e.g. as presenters, discussants) and explore the need to develop a more coordinated space.

2. **Continuing the specification of the TIP KI**

   d. The representatives of the scholar networks and TIPC came together for the final TIP Conference Scientific Committee meeting in May 2022. The group recognised the need for more structured discussions on TIP – towards this, there are thoughts to inject the planned network PhD academies and summer schools with relevant TIP/KI sessions while considering opening more such spaces specifically on TIP.

   e. Further specification of the TIP KI dimensions, requires concentrated effort to a) define and research specific KI questions and aspects b) to continue specifying the contours of the TIP KI and c) to bring the two together in a form that represents an accessible TIP KI. The question of the effort needed and the way to continue working together to move on from the dialogue to operationalising this concept is open for discussion.
3. Exchanges with the TIP KI Community

f. Exchanges have continued with bespoke sessions in the key scholar conferences. The last one, at the Eu-SPRI Conference in June 2022, was titled: “Mainstreaming Transformative innovation policy: next steps towards building a shared knowledge infrastructure”.

g. Although we may organise another TIP Conference in the future, we can organise a Launch of the TIP KI Community as a way of bringing together the network in a hybrid model (face-to-face and online) that is more interactive. The idea is to create a space where TIP efforts are presented, with discussions and workshops on TIP KI topics where at the same time, we invite partners/projects to showcase examples of TIP and discuss their opportunities and challenges. The concept is more interactive than the Conference and can be closer to the idea of a co-organised TIP Forum that combines different aspects and integrates space for more informal gatherings. This is an initial idea that we will need to specify and develop.

The future: a tiered TIP KI

Further into the future (beyond the next year), in further developing the TIP KI, we use the concept of ‘tiers’ to differentiate between the different data contributions to the infrastructure and their origin. The type of data will be specified in more detail, for now, we use the terms ‘knowledge, evidence and tools’ to broadly indicate the possibilities, recognising that at the very top level the TIP KI includes information about the projects active in TIP and the people and organisations around them.

**Tier 1:** Knowledge, evidence and tools from TIP projects and work directly stemming from/relating to the network partners. For example, in TIPC’s case, this would include contributions from the policy experiments.

**Tier 2:** Knowledge, evidence and tools from TIP projects and possibly, experiments outside the network partners. This might include, for example, TIP projects and work from the TIP Community members who engage actively. It may also include projects from teams that were presented in the previous TIP Conferences.

The second tier aims to turn the KI into a type of open-source process of TIP knowledge sharing and learning for all. Although this requires further thought, in the first instance this starts with the registry of relevant projects and people who have already engaged with TIP events. In the next phase, an organised and active TIP KI CoP should gradually come to attract more people to sign up for the benefit of sharing and mutual learning and the opportunity to forge connections or get involved in this work. The possibility of mobility between Tiers and relevant prospects and benefits could be considered.

Recognising that the projects and data contributed to Tiers 1 and 2 will speak to the questions and topics raised by the TIP research agenda, we would consider monitoring and analysis of how these projects and data address the TIP Research Agenda. Depending on the specification and implementation of this work, this could potentially become Tier 3 since monitoring how gaps are filled in the TIP Research Agenda, as insights and evidence develop from TIP work, is in itself a significant contribution to the TIP KI.

Operational considerations

To operationalise this plan, in addition to continuing to develop the TIP KI, we would need to:
• Specify data sources and the type of data to be contributed in relation to the envisaged dimensions of the TIP KI
• Draft a specification for researchers and teams involved in TIP work on what and how to contribute to the TIP KI
• Explore the hosting of the TIP KI. There is currently a possibility to link to the OECD to leverage their EC-OECD STIP Compass for hosting and developing content (or some content) on the TIP KI.

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