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8. Participatory Knowledge Mapping

One of 13 infosheets on stakeholder and citizen engagement methods for climate, energy and mobility transitions produced by SSH CENTRE in 2023.

Participatory Knowledge Mapping (PKM) refers to approaches aimed at visualising (through diagrams, graphs, workflows, tables, images, or geographical maps) the relationships and issues within an organisation or community. This visualisation is achieved using participatory mechanisms such as workshops, interviews, or deliberative meetings. PKM can also be referred to as Participatory Modelling, Group Model Building, Participatory Mapping, or Participatory System Mapping. It is often used in development contexts.



Fosters cooperation and the combining of different kinds of knowledge by helping participants showcase what they know, and shape a shared view of them.

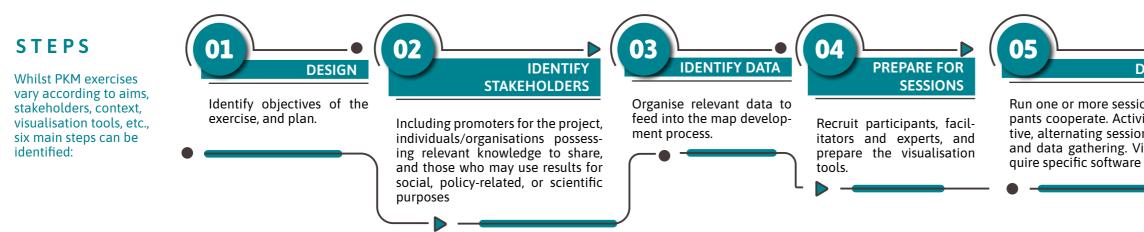
 Requires inclusive facilitation skills as well as resources to manage the chosen visualisation techniques.



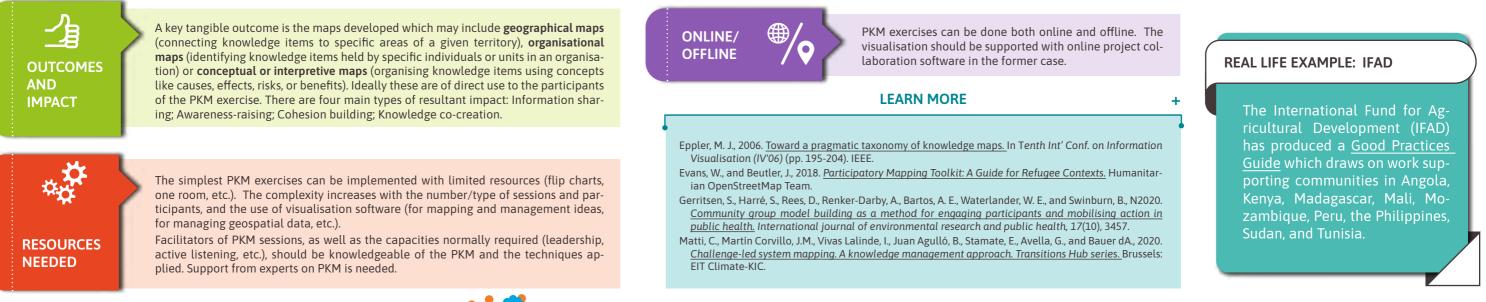
- visualise and transfer this knowledge, as well as flagging up future knowledge needs. 2. Provides a methodological basis allowing different kinds of knowledge (scientific,
 - professional, experiential, political, emotional, etc.) to interact. Resulting conceptual frameworks can be used in planning or evaluation.
- 3. Can suggest cause-effect relations among factors contributing to a problem or situation.
- 4. Increases mutual understanding and creates common ground among participants, favouring the involvement of marginalised groups.

Challenges and limitations 1. Valuing all types of knowledge (both scientific and

- lay) as relevant to the problem in hand.
- 2. Ensuring stakeholder participation is willing and motivated, including agreement among the participants on the overarching goals of PKM.
- 3. Inclusive facilitation to manage any tensions among participants and prevent the dominance of some or marginalisation of others.



Timeframe: A PKM exercise can take from 3 days to several months, depending on the level of complexity (e.g. number of people, kinds of issues considered, or methodologies used in map development)





This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101069529 and from UK Research and Innovation (UKRI) under the UK government's Horizon Europe funding guarantee [grant No 10038991].



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As many as possible of the stakeholders relevant to the topic(s) the PKM is dealing with should be involved (for example students, women in an organisation, farmers, inhabitants of a neighbourhood or rural area, etc.) as well as experts and researchers. Individual sessions usually involve a maximum of 20 participants

Participants



DEVELOP MAP(S)

Run one or more sessions in which participants cooperate. Activities might be iterative, alternating sessions, expert meetings, and data gathering. Visualisation may reRefine the map by removing redundancies, or clarifying relations among the entities included.