

Strategic Technology and Innovation Management Programme 2021

8. Task Formulation for Challenge-Driven Innovation: Processes and Drivers

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Aims

To understand how the tasks are formulated for challenge-driven open innovation contest and what drives them.

- RQ1 What are the types of tasks?
- RQ2 What are the drivers to formulate the task?
- RQ3 What are the processes to formulate the task?

Discussions

- Drivers for the task formulation process are in three action categories: analysing challenge characteristics, reflecting available internal resources and reviewing external leverages and resources
- The drivers and challenge types tend to link up with different task types. E.g. technical leverages with closed tasks, societal challenges with unbounded tasks

Approach

Abductive approach: Successive cycle between deduction and induction to test tentative predictions and establish the initially tentative mechanisms and construct a theory.

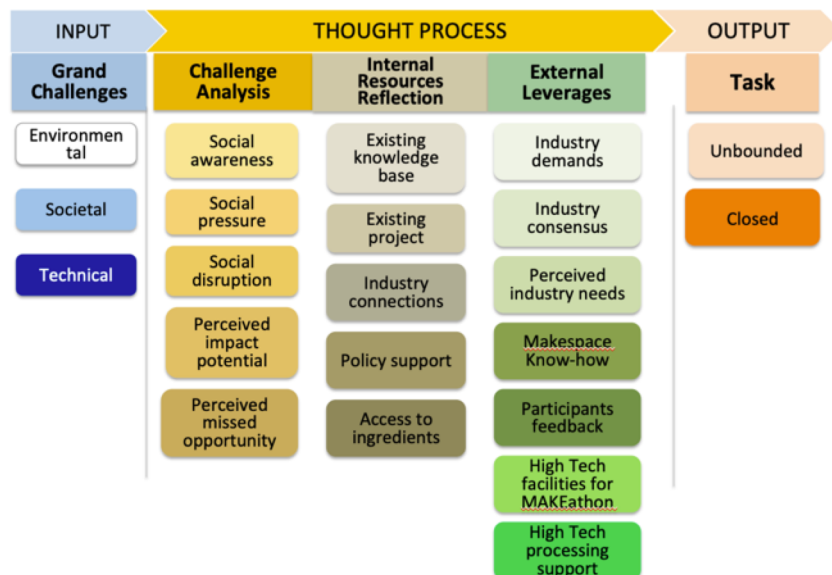


Fig. Task Formulation Process-Driver Framework