

# 23. Strategy formulation and transformation roadmapping for Industry x.0

Name/s: Ahmad Abdalazim

Contact: aaa95@cam.ac.uk, 07575907774

## ***Industrial / managerial need addressed***

The lack of precise roadmaps and guidance was cited, in a global C-suite survey, as a major obstacle to Industry 4.0 transformations<sup>1</sup>. This research aims to develop a guidance framework to formulate strategic objectives, operational targets, and roadmap the transformation across different levels, while integrating innovation systems concepts, roadmapping techniques, and industrial architectures.

## ***Expected deliverables***

By the end of this year, the research project is expected to deliver:

- Reference document for the relevant literature, approaches, benchmarks, and best practices
- Recommendations based on the analysis of the reference document and conducted test cases
- Preliminary framework

## ***Progress***

- Reviewing multiple strategic planning and transformation processes
- Reviewing relevant academic literature
- Establishing industrial connections to understand practical issues and concerns
- Developing a draft framework

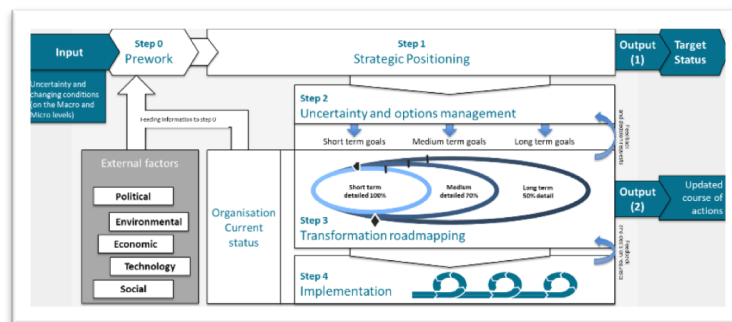


Figure 1: Schematic process model

## ***Engagement opportunities***

- 1/2 – 1-day meetings/interviews/workshops; to gather information about the strategic planning process, and transformation of strategy into actions
- Generic and specific recommendations and feedback regarding the feasibility and potential issues within the preliminary framework

## ***Next steps***

- Continue reviewing academic literature and current strategic planning and transformation processes
- Update the draft framework and run multiple theoretical use cases
- Test the preliminary framework on a real-world case

<sup>1</sup> KPMG International, 2018. *A reality check for today's C-suite on Industry 4.0*, Switzerland: KPMG International <https://assets.kpmg/content/dam/kpmg/xx/pdf/2018/11/a-reality-check-for-todays-c-suite-on-industry-4-0.pdf>.