

## 2020 Strategic Technology & Innovation Management Programme

### MAKEit! Nurturing Collective Creativity to Solve Complex Problems

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#### Industrial / managerial need addressed

Industries are increasingly adopting Hackathons: an open innovation, collaboration method across organisation boundaries to address complex problem in an agile, creative way. MAKEathons emphasise the generation of physical prototypes leveraging the growing availability of makerspaces. So far, there is little scientific understanding of the process and the factors influencing these “agile” innovation processes. Therefore, this project will explicitly aim to explore these processes and factors to further our understanding and offer insights for theory and practice.

#### Expected deliverables

- **Factors influencing the development of solutions within the MAKEathon context**
- **MAKEathon Manual Draft v2** “How to design and deliver MAKEathons” (additional)

#### Engagement opportunities

- Interested businesses are invited to MAKEathons to mentor or provide challenges.
- Experiences and insights will be collected from STIM partner companies that are already implementing their own innovation contest e.g. Hackathons, MAKEathons.
- A MAKEathon manual draft v2 will be produced and shared as “work in progress”, and for feedback at the end of the year. The final version for wider circulation will be provided at the end of the MAKEit! project (end of 2021)

#### Approach

We will collect empirical data from 10 MAKEathons from the MAKEit! Project. MAKEit! is a co-funded by EIT (EU Institute of Innovation and Technology) to develop MAKEathon protocols to *create smarter and simpler food value chains* in collaboration with partners in 9 EU countries and Maker Spaces. The second year of MAKEit! Will allow collecting:

- 9 sets of design, delivery and outcomes of MAKEathons (total 27 survey, interview results)
- 3 sets of 10 observations (total 30 observations) of MAKEathons
- 10 sets of participant feedback and judge feedback (approximately 250 survey results)