

CELTIC-NEXT

Project Proposal Pitch

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Digital Twin for Regional Readiness Center — RRC 2.0

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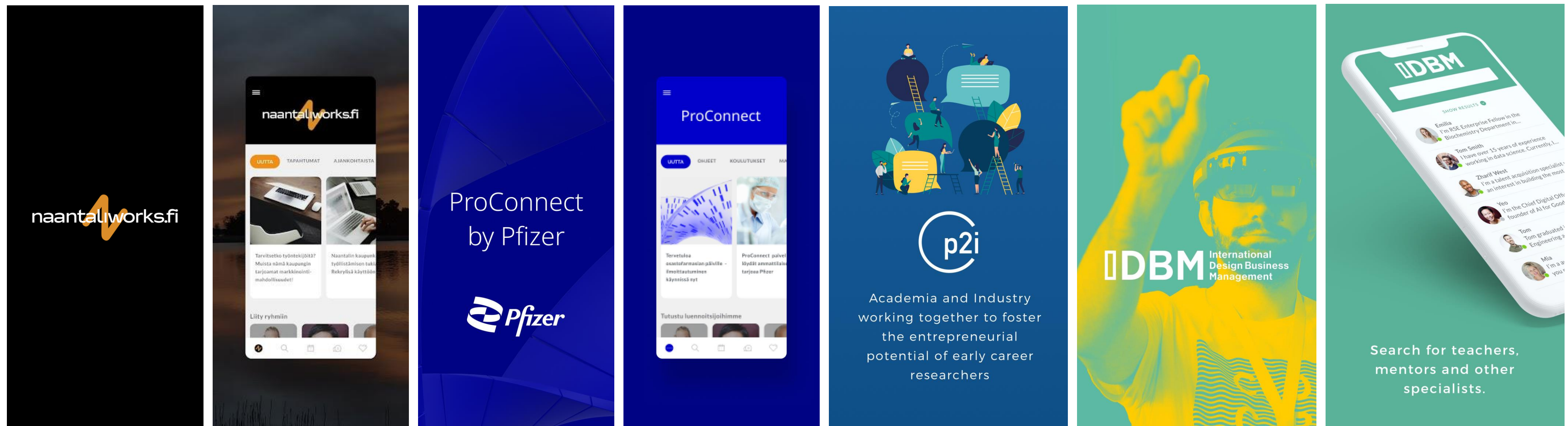
Teaser

- Regional Readiness Centers (RRC) in Finland are organised by municipal authorities for responding to large scale public emergencies by mobilising authorities and trained volunteers.
- RRC 2.0 creates a digital twin of RCC concept to maintain up-to-date roster of trained people and the inventory of the local resources for training, scenario based simulations and mobilisation.
- RRC 2.0 Digital Twin makes it easier to replicate the training and processes to spread & scale up the RRC concept in Finland and EU.



Organisation Profile

- RRC 2.0 concept is based on mobile platform as a service (m-PaaS) technology developed by Mesensei. Since 2018, Mesensei has invested 1.5 million in product development in revenue and investments.
- Mesensei m-PaaS is currently used by universities, municipalities, NGO's and corporates for building privacy and data protection sensitive digital services.



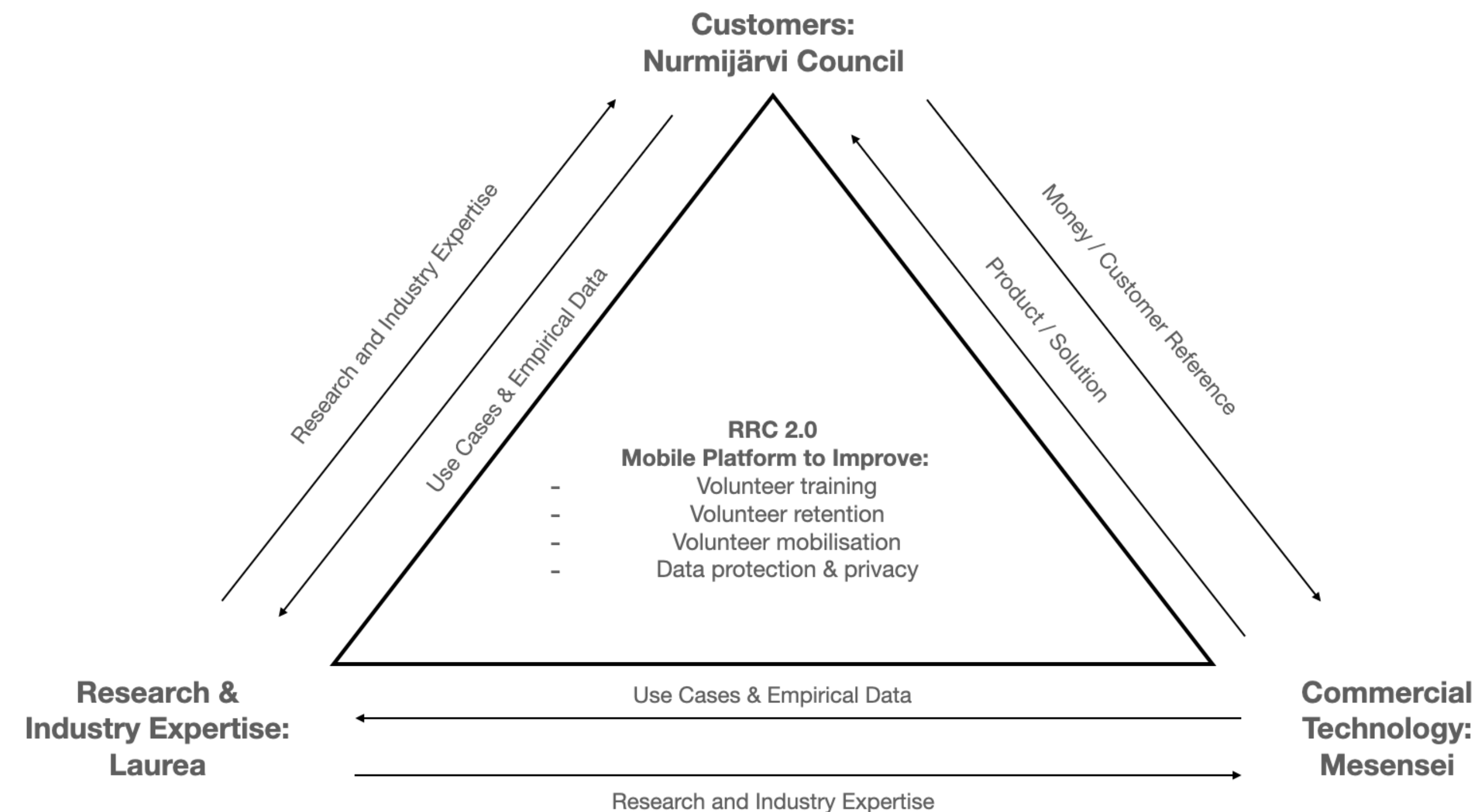
Proposal Introduction

- We propose to create a digital twin of the RRC concept, which replicates the people, resources, and processes.
- Digital twin improves the training of the RRC volunteers, enhances scenario based simulations and boosts the skill retention and preparedness of the RRC network.
- The digital twin makes also scaling up of RRC concept easier by providing the guiding technology for other authorities in Finland and EU.
- The implications of the product development can also be more generic and applicable for any need to mobilise a joint operational network of authorities, volunteers and professionals and a coordinated manner.



Proposal Introduction

- Adaptation of the Mesensei platform for Regional Readiness Center requires product development and special expertise for e.g evaluating cyber security and operational reliability needs.
- Economic feasibility of the RRC 2.0 concept needs to be evaluated and opportunities to scale up in EU identified.
- Our vision is co-create the RCC 2.0 concept with partners looking to increase regional resiliency by adapting existing technology.



Partners

- Mesensei has partnered up with Laurea University of Applied Sciences and Municipality of Nurmijärvi. We are ready to go as a cluster representing the best in class knowhow in Finland.
- For End-User Need evaluation and Co-creation we are looking for public authorities and regional developers interested in themes of civil protection, preparedness resiliency and mobilisation of large scale volunteer networks.
- For technology and commercialisation we are looking for distribution partners, such as service solution providers and technology integrators.
- For research and conceptual development of the RCC we are looking for research and special expertise of partners with vested interest in natural disaster response, mitigation of extreme climate effects, public health crisis and civil disruption.

Contact Info

For more information and for interest to participate please contact:



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Presentation available via:



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