

RAPID



Research, Art,
People-centric Innovation
and Design (concept)



RAPID CENTRE - IMATRA

Based on the theme of the rapids of the Vuoksi River, that run through and power Imatra, this hub will run through the centre of and power the Imatra 2030 Vision of Regeneration through Innovation.

IMATRA

- Inclusive - Culture
- Mobilise - Innovation
- Art
- Technology
- Revolution - Future
- Access - Everyone





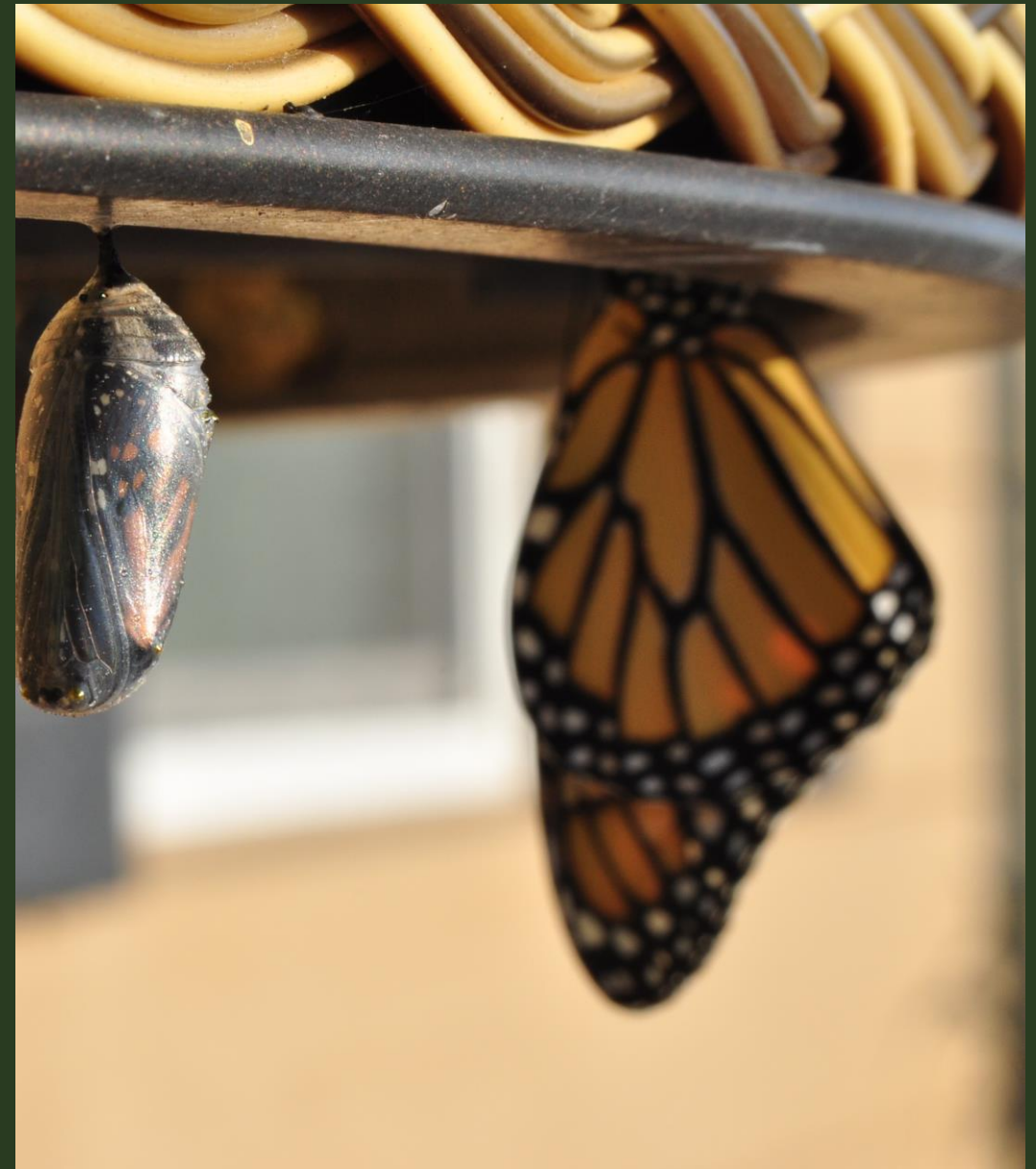
RAPID RESPONSE. RAPID PROACTIVITY

Our region, though small and humble, is rooted in the legacy of Finland itself. Throughout our history, we have proven ourselves to be agile innovators, champions of Industry. We are the National Wonder of Finland.

The RAPID centre is a beacon of people-centric sustainable innovation. Harnessing technology at its confluence with Humanity; defining the 5th Industrial Revolution, with resident teams of researchers, designers, businesses, innovators, changemakers.

ABCD NEXUS

- **Academia** - Integrated with LAB University of Applied Sciences, RAPID captures world-class thinking, with real-world action. RAPID will provide the environment and tools to attract, develop and retain the best, and enable them to create, shape and lead our future.
- **Business** - Providing startup hosting and interconnectivity with regional, national and international businesses, and resources. RAPID sustainable solutions for global business. Piloted in Karelia, exported to the world.
- **Community** - Cultural Interface. Open Access Interface for the Community. Imatrans / Karelians, students and residents alike will have access to the facilities, and can view and engage on projects.
- **Design** - Creating a Makers' Lab and expression space, where art, conceptual expression and speculative design reimagines how humans and technology interact.





INSPIRE

Leave your title (and shoes) at the door

Focus on kids having access to leadership. What does it mean to be a CEO, a Mayor? Anything is possible, we are all part of the same future, we can all make a difference. A young Karelian from rural Imatra district can make THEIR world, and THE world a better place.

Free thought space - Cultivating ideas from everyone, and mobilising/supporting them into project streams. Talks from local, regional, national and **international** persons of interest.

APPLIED RESEARCH AND MAKERS LAB

Multidisciplinary Centre of Excellence.

Design Thinking Approach

Conventional Industries meet Conceptual Technologies. (Agritech, Forestry, Mining, Biomass, Energy)

5th Industrial Revolution - Others focus on the here and now, looking to bring back normal. We look to the future, considering the "What Now?", and connecting it with the "What Next?", to lead and create a new, inclusive normal, accessible to everyone.

INDUSTRIAL REVOLUTIONS



1ST

18-19th Century in Europe and North America, featuring steam engines



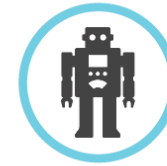
2ND

1870-1914, featuring steel, oil, electricity, and combustion engines



3RD

1980s Digital Revolution, featuring personal computers and the internet



4TH

21st Century advance of AI, big data, robotics, IoT, blockchain and crypto

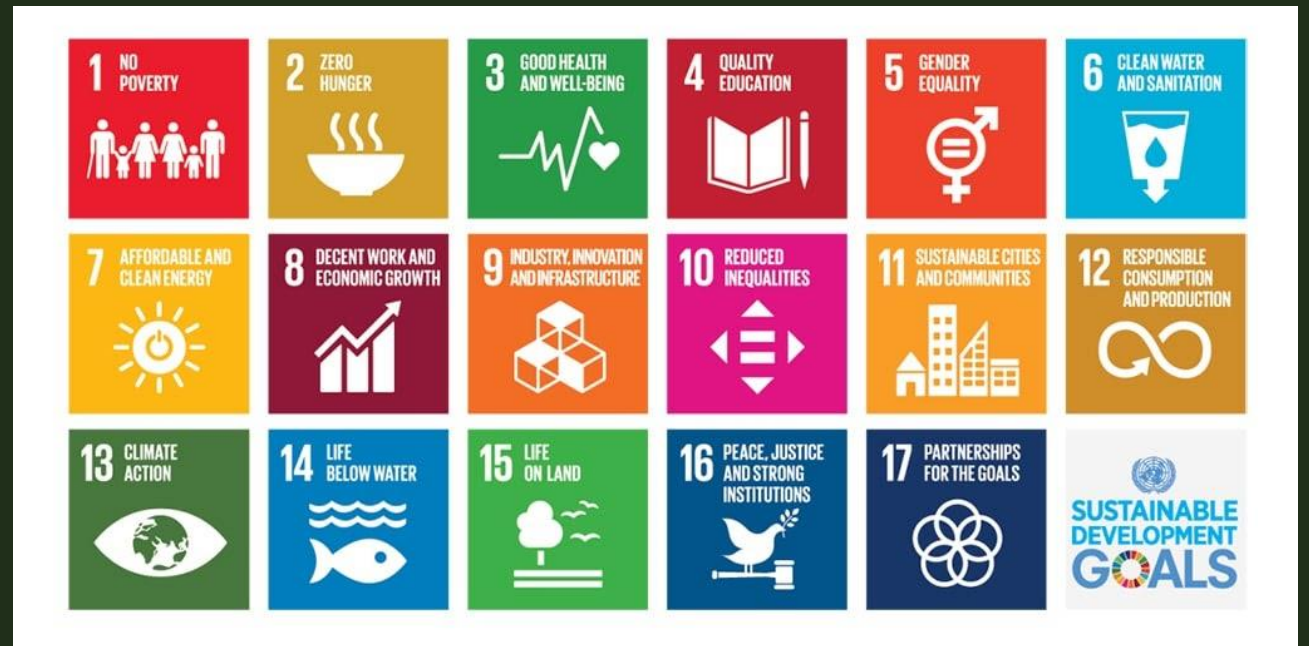


5TH

Responsive 21st Century connection of innovation to purpose and inclusivity

SUSTAINABLE DEVELOPMENT

- The UN Sustainable Development Goals provide a real world problem template for solutions development.
- RAPID can develop and run pilots in diverse Karelian environments, scaling to international developing markets.





THEMATIC FOCUS (STEAM)



Cybersecurity –
Technical and
Impact



Art / Culture Tech



Artificial
Intelligence



Edutech /
Knowledge
Industry



Cyber Physical
Systems & Spatial
Computing



Robotics



*Enabling a better everyday life for Imatra.
Designing a better future for the world.*