

# Plans for Digital Innovation Hub in Finland

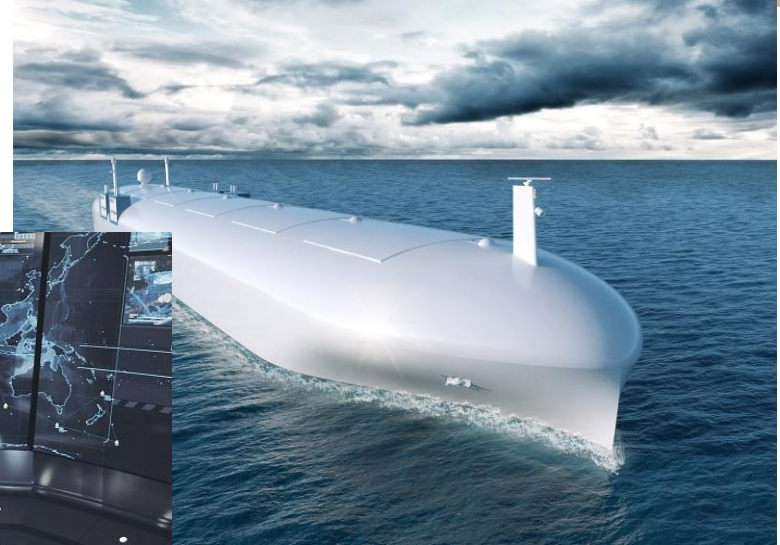
**DIH Working Group 9 December 2016**

**Tapio Virkkunen**



Ministry of Economic Affairs  
and Employment of Finland

# Companies have ambitious visions



<https://www.youtube.com/watch?v=vg0A9Ve7SxE>

## How can we help them turn visions into reality?

# “Hello, this is DIH – how can I help?”



## DIH Service Promise

- DIH is a one stop-shop and serves the national and international companies to digitalize their business. DIH helps customers in their challenges with the most straightforward manner and with a common service model.
- This ensures that different customer segments will get services for their needs, that the DIHs co-operate effectively with each other and that the supporting competence centers create solutions that are easy to scale.



# Key sectors



- **DIHs should focus first on sectors with the highest digital transformation and market disruption potential:**
  - **Transport** (industrial logistics and people mobility) “IoT Ship”
  - **Factory** (manufacturing and process industries) “IoT Factory”
  - **Care** (public and private healthcare) “IoT Hospital”
  - **Energy** (energy producers, distributors and service providers)
  - ... and others to follow
- **DIHs leverage innovations that address the industry specific needs. They ensure effective access to best competences, digital platforms, R&D infrastructures and development projects across Europe.**

# Technology spearheads



- **DIHs are an access point to technologies that will change existing products, services and business models. Key technologies that Finland can offer to DIH network include:**
  - **5G** (technologies for reliable, high speed and minimum latency connectivity)
  - **Internet of Things** (technologies for effective data transfer and analysis for operation and end-user services)
  - **Artificial Intelligence** (technologies for advanced analytics and data based business operations)
- **Technologies are developed in close co-operation with companies, research organizations, customers and end-users – within European and global networks. This ensures rapid development, effective utilization of R&D infrastructures and coordinated use of resources.**

# Growth accelerators



- **DIHs help customer companies to create new business models (e.g. to turn data and services into growing business).**
- **DIHs will also benefit from other growth accelerators in Finland:**
  - Entrepreneurial mindset. Vibrant start-up ecosystem brings the bottom up innovations to SME ´s and large corporations – and attracts investors and global R&D activities.
  - Smart partnerships. Flexible collaboration practices with small, medium and large companies and research organizations offers unique opportunities for joint innovation.
  - Supportive regulation. The digital know how supported by agile development of legislation is quickly transforming traditional industry and service sectors.

# Crucial elements



- **Legacy:** Existing strategies, instruments and infrastructure
- **Outreach:** Pro-active communication and marketing
- **Clock speed:** Agility to react and minimum bureaucracy
- **Back office:** Team play between DIH's and CC's



**Thank you!**