

Webinar kick-off

What is CyberFactory#1 about?

CF#1 Results Webinar in Finland

February 15th, 2022

Jarno Salonen

The VTT logo is an orange square with the letters "VTT" in white, bold, sans-serif font.

VTT



CyberFactory#1 (CF#1) aims at designing, developing, integrating and demonstrating a set of key enabling capabilities to foster optimization and resilience of the **Factory of the Future (FoF)**.

CF#1 is a catalyst project supplementing and developing current enabling technologies of the **Industry 4.0**, more specifically in the areas of:

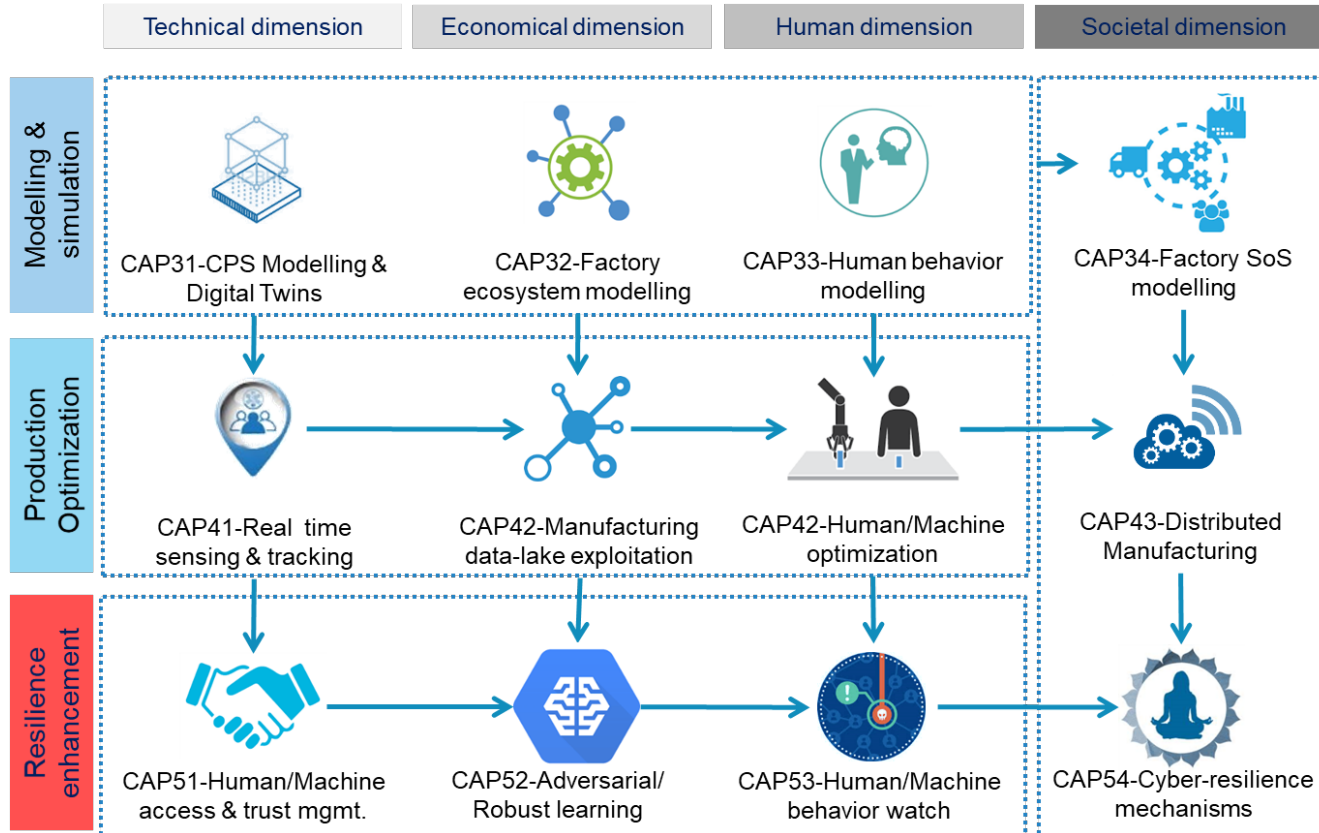
1. Factory System of Systems modelling
2. FoF Optimization
3. FoF Resilience

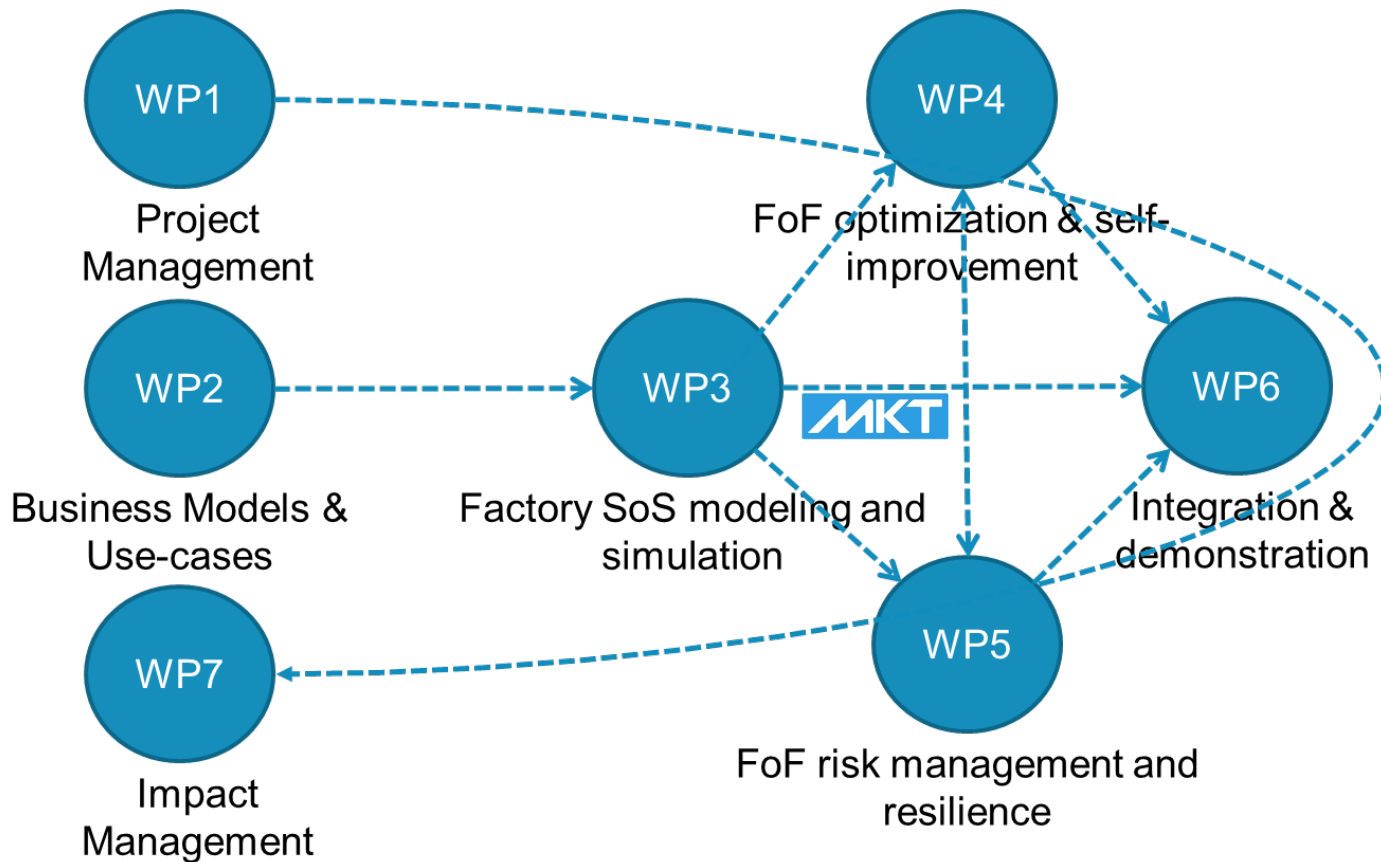
CF#1 is an ITEA3 project with 28 partners from seven countries embracing technical, economic, human and societal dimensions at once.

(Canada, Finland, France, Germany, Portugal, Spain and Turkey)

CyberFactory#1

Capabilities







Manage access rights dynamically for humans and machines



Continuously watch for anomalies on factory assets regardless of their origin



Prevent manipulation of manufacturing and product-embedded AI



Enable decision-aided or autonomous Remediation & Recovery of factory assets





Each presentation will take ~15 minutes

- There is time for at least one question after each session
- If you want to ask a question:
 - Please raise your hand after the session
 - You can also add the question to the chat during the presentation
 - (There is also some time for questions/discussion during the break)
- We will try to add a Q&A document into the event page especially in case there are more questions than we have time.

Webinar page:

[\(https://www.cyberfactory-1.org/blog/cyberfactory1-results-webinar-in-finland/\)](https://www.cyberfactory-1.org/blog/cyberfactory1-results-webinar-in-finland/)

1. Presentations will be published on the event page
2. Recording of the webinar

Time	Topic
13:00	Webinar Kick-off. What is CyberFactory#1 about? Jarno Salonen, VTT
13:10	Novel Cheese Platform Lauri Nurminen, High Metal
13:30	Quality assurance and monitoring of demanding IP networks in lab and live Risto Kauppi, Rugged Tooling
13:50	IAM approaches in factory environments Markku Korhikoski, Netox
14.10	AI utilization for anomaly detection in cybersecurity Antti Syväniemi, Houston Analytics
14:30	Short break, discussion
14.40	Digital Twin for industrial cybersecurity simulations Mirko Sailio, VTT
15:00	Development of Cybersecure Architecture to improve Cyber Resilience – Practical Examples Jari Partanen, Bittium
15:20	Webinar conclusion and final words Jarno Salonen, VTT