DIMECC

METAVERSE FINLAND ECOSYSTEM

Become Leaders of Digital and Economic growth

FINLAND IS GLOBALLY AN INSPIRING ROLE MODEL, LEADING ARCHITECT AND ENABLER OF THE METAVERSE BY 2035

Economic Growth | Innovation | Diversity & Accessibility | Privacy & Ethics

FOCUS AREAS

TECHNOLOGY ENABLERS

Focused on the development and support of infrastructure, standards, platforms, interfaces, and devices necessary for immersive and virtual experiences.

BUSINESS NETWORKS

Aimed at supporting and coordinating the establishment of a Metaverse ecosystem. This encompasses all major segments of the value chain, involving European and global partners.

INDUSTRIAL METAVERSE

Applying Metaverse technologies across various industrial sectors such as manufacturing, maintenance, construction, built environments, defense, logistics, and transport.

METAVERSE SOCIETY

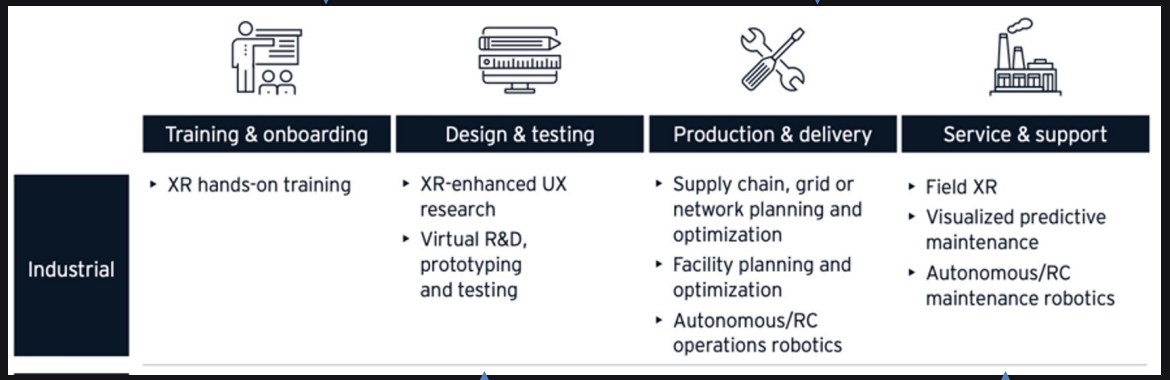
Committed to enhancing the physical, mental, and social well-being of citizens through Metaverse technologies. This includes promoting inclusion and social wellbeing.

METAVERSE HEALT

Dedicated to acquainting the Finnish society with the Metaverse. This involves educating the public about new use cases and business opportunities, as well as supporting the development of a framework for widespread adoption.

To many, the core application of the metaverse and VR Technology is **training**. Companies are exploring the ways the metaverse can create immersive experiences to onboard and upskill their workforce

The metaverse can enhance **production and delivery** processes by improving planning and simulation in a virtual setting and providing human oversight into automation



	Training & onboarding	Design & testing	Production & delivery	Service & support
Industrial	▸ XR hands-on training	▸ XR-enhanced UX research ▸ Virtual R&D, prototyping and testing	▸ Supply chain, grid or network planning and optimization ▸ Facility planning and optimization ▸ Autonomous/RC operations robotics	▸ Field XR ▸ Visualized predictive maintenance ▸ Autonomous/RC maintenance robotics

The metaverse can enhance the **product design** and engineering process by creating more collaborative working environments and increasing the simulation and testing capabilities of existing technologies

XR and metaverse are also being used to enhance post-sale **service and repairs** and to improve internal processes around maintenance for machinery and equipment.

MEFI ecosystem advances Metaverse in three application areas:

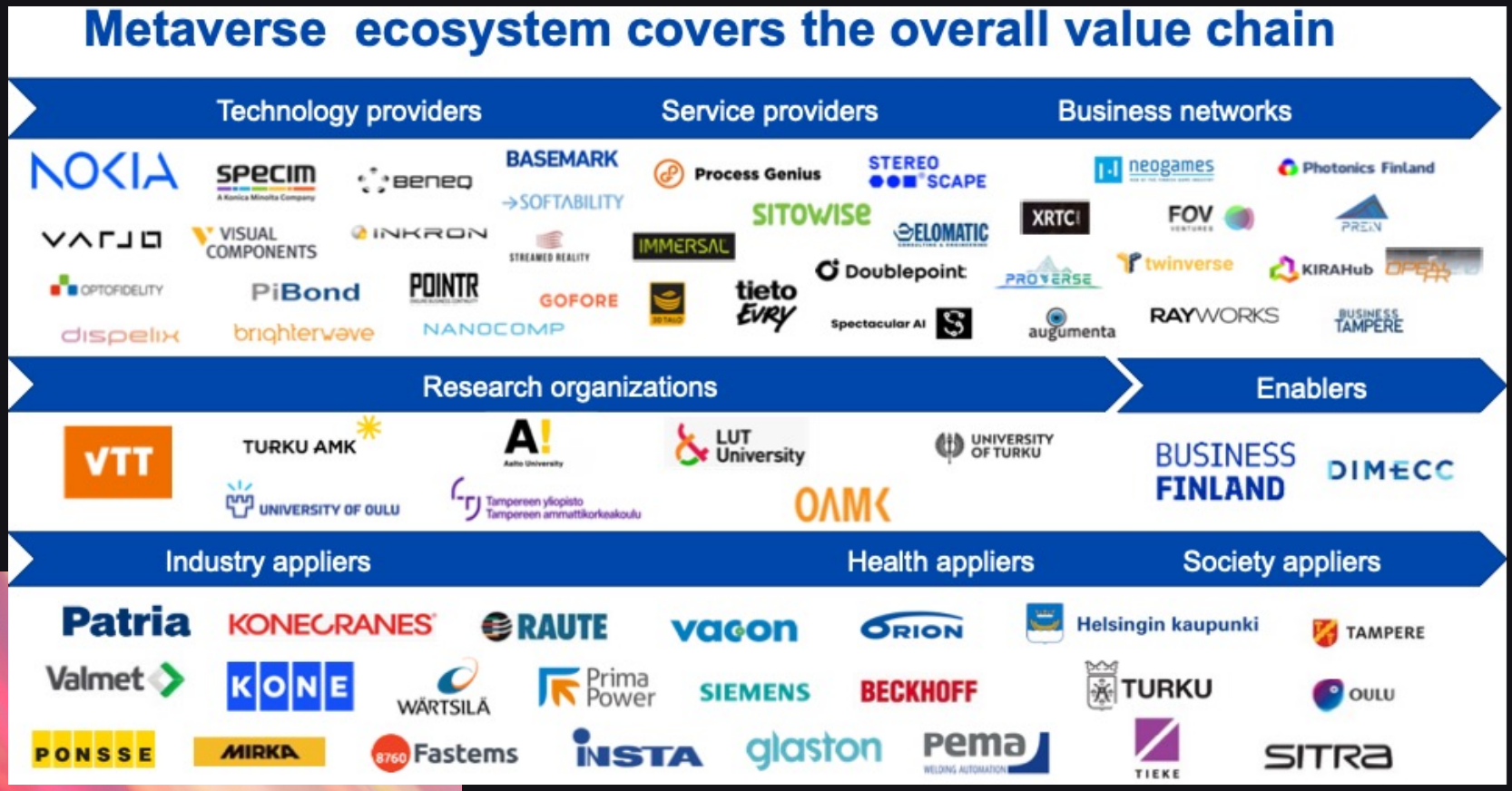
INDUSTRY
To apply it to industry solutions

HEALTH
To apply it to wellbeing and health

SOCIETY
To bring the Metaverse for everyone

INDUSTRIAL METAVERSE TOP USE CASES

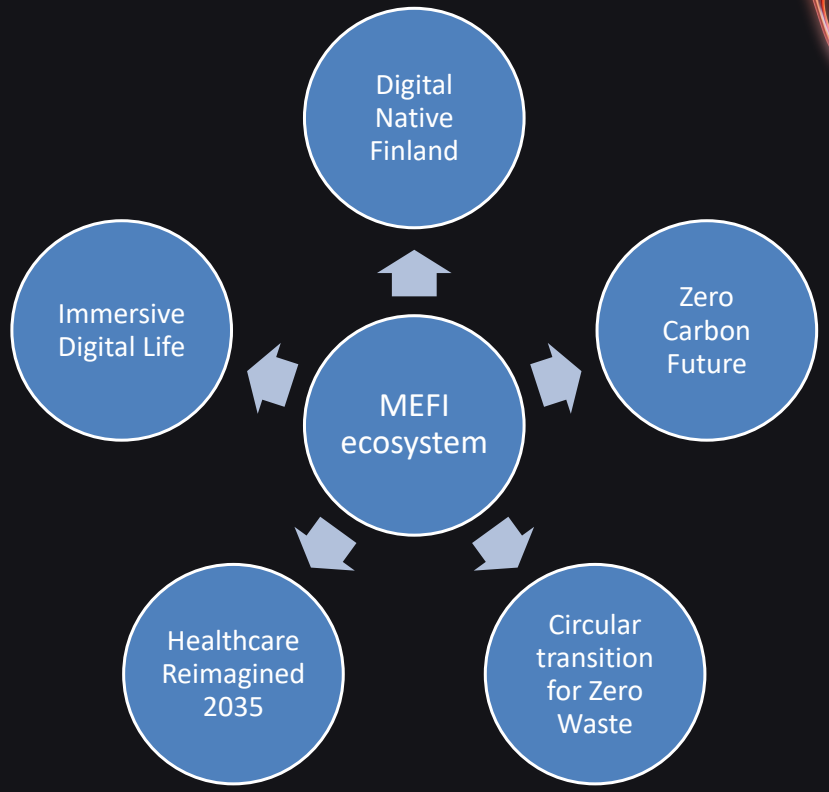
PARTNERS


Metaverse ecosystem covers the overall value chain
Technology providers
Service providers
Business networks
Research organizations
Enablers
Industry appliers
Health appliers
Society appliers
NOKIA
specim
beneq
BASEMARK
SOFTABILITY
Process Genius
STEREOSCAPE
neogames
Photonics Finland
VARJO
VISUAL COMPONENTS
INKRON
STREAMED REALITY
IMMERSAL
SITOWISE
ELOMATIC
XRTC
FOV
PREIN
OPTOFIDELITY
PiBond
POINTR
GOFORE
tieto EVRY
Doublepoint
PROVERSE
twinverse
KIRAHub
OPEAL
dispelix
brighterwave
NANOCOMP
Spectacular AI
augumenta
RAYWORKS
BUSINESS TAMPERE
VTT
TURKU AMK
Aalto University
LUT University
UNIVERSITY OF TURKU
BUSINESS FINLAND
DIMECC
UNIVERSITY OF OULU
Tampereen yliopisto
Tampereen ammattikorkeakoulu
OAMK
Patria
KONECRANES
RAUTE
vacon
ORION
Helsingin kaupunki
TAMPERE
Valmet
KONE
WÄRTSILÄ
Prima Power
SIEMENS
BECKHOFF
TURKU
OULU
PONSSE
MIRKA
Fastems
INSTA
glaston
pema
TIEKE
SITRA

Metaverse applications in training, product design, production and service hold substantial potential for addressing key global challenges.

MEFI ecosystem aims in close co-operation and partnershipping with all the five Business Finland missions.

In the same way MEFI aims in fruitful co-operation with the Finnish Veturi ecosystems.



LINKS TO BUSINESS FINLAND MISSIONS AND VETURIS

WORK PACKAGES

01 STRATEGY & VISION

02 NEW MARKET CREATION

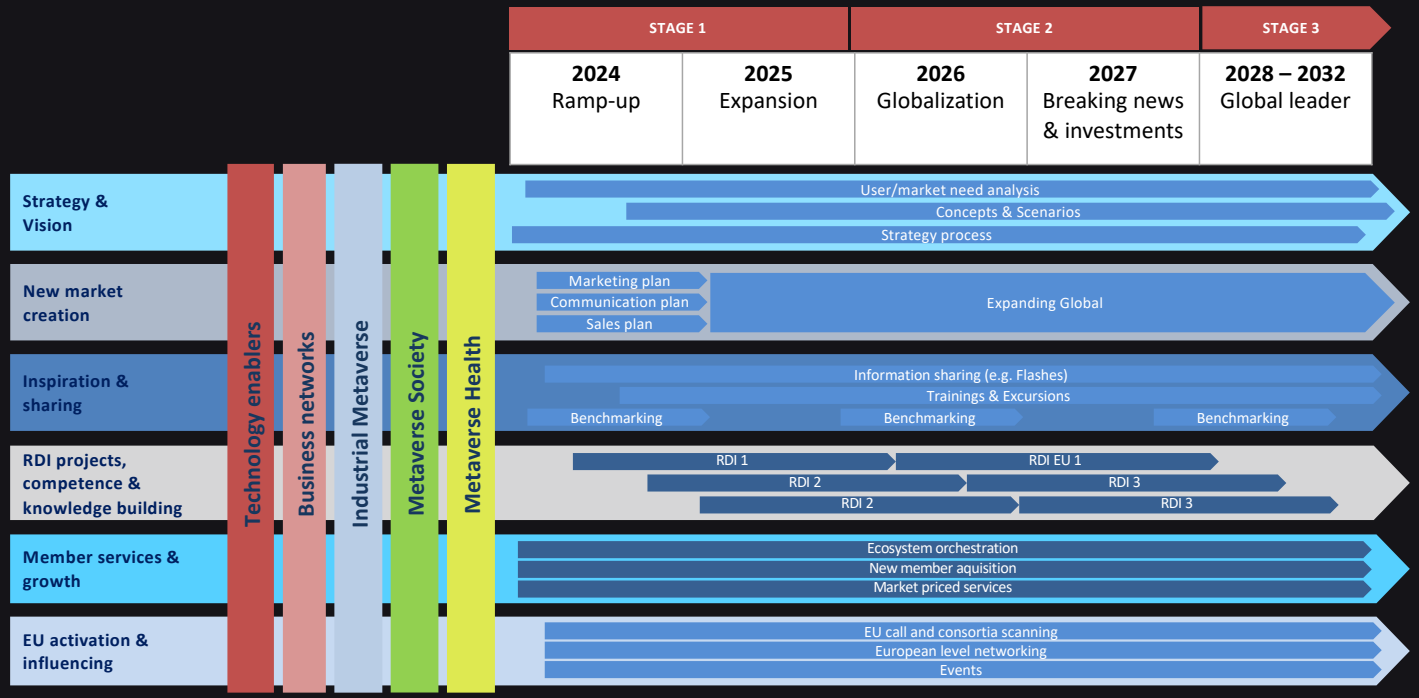
03 INSPIRATION & SHARING

04 COMPETENCE BUILDING, R&D

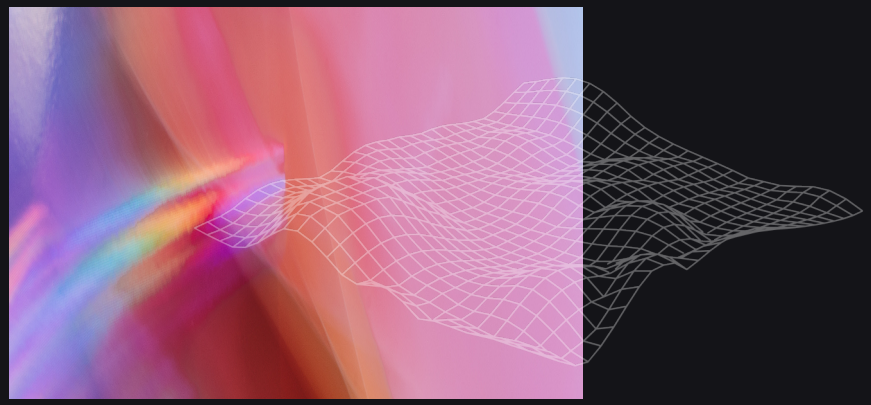
05 MEMBER SERVICES & GROWTH

06 EU ACTIVATION & INFLUENCING

ROADMAP


STAGE 1
STAGE 2
STAGE 3
2024 Ramp-up
2025 Expansion
2026 Globalization
2027 Breaking news & investments
2028 – 2032 Global leader
Strategy & Vision
New market creation
Inspiration & sharing
RDI projects, competence & knowledge building
Member services & growth
EU activation & influencing
Technology enablers
Business networks
Industrial Metaverse
Metaverse Society
Metaverse Health
User/market need analysis
Concepts & Scenarios
Strategy process
Marketing plan
Communication plan
Sales plan
Expanding Global
Information sharing (e.g. Flashes)
Trainings & Excursions
Benchmarking
Benchmarking
Benchmarking
RDI 1
RDI EU 1
RDI 2
RDI 3
RDI 2
RDI 3
Ecosystem orchestration
New member aquisition
Market priced services
EU call and consortia scanning
European level networking
Events

OPERATING MODEL / MB



- Management board (MB) lead and monitor the work of the ecosystem
- Ecosystem MB manages common operating model and decides possible additional stakeholders and stakeholder groups to be included as part of operating model.
- MB selects MB Chair and Vice-Chair

CONTACT INFORMATION

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