



Digital fika about cluster 4 – Destination 6

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Agenda

- Short introduction to destination 6
- Guest: Tove Jaensson
- Open Q&A
 - Raise your hand or write your question in the chat
- You can ask your question in Swedish/English
- Slides will be shared on the homepage of this event
- From 11.00 until latest 11.45

Horizon Europe 2021-2027



Cluster 4. Digital, Industry and Space

- **Destination 1:** Climate neutral, circular and digitised production
- **Destination 2:** A digitised, resource-efficient and resilient industry
- **Destination 3:** World leading data and computing technologies
- **Destination 4:** Digital and emerging technologies for competitiveness and fit for green deal
- **Destination 5:** Strategic autonomy in developing, deploying and using global space-based infrastructure, services, applications and data
- **Destination 6:** A human-centered and ethical development of digital and industrial technologies

Work programme 2025

- Work programme 2025 is for one year
- Starting discussion on WP 2026-2027

Q4 2024- Q1 2025
Stable drafts in PC

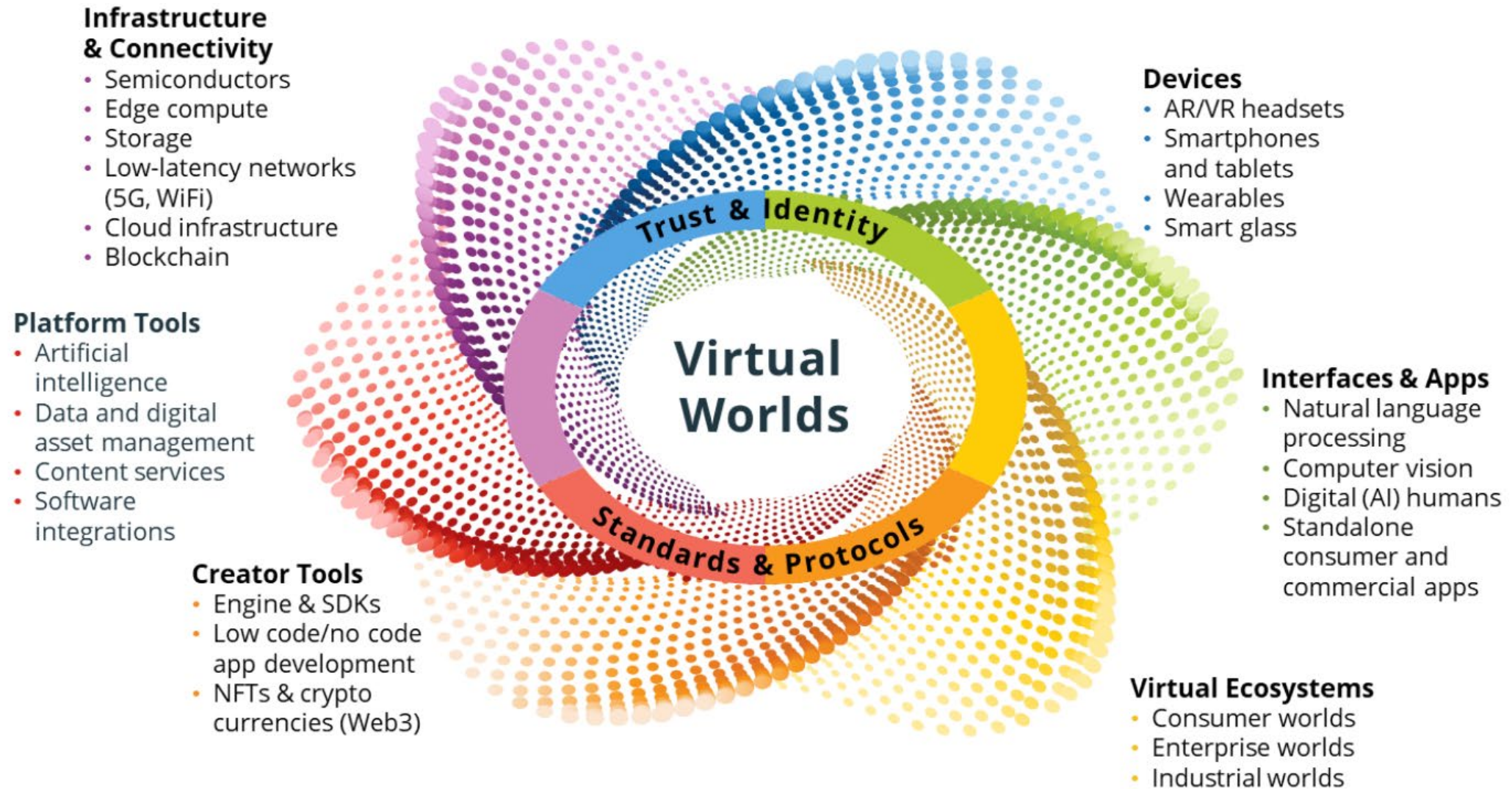
April 2025
Adoption and
publication

Q1-2 2025
Discussions in PC

Q3-4 2025?
Stable drafts in PC

Q4 2025/Q1 2026?
Adoption and
publication

Figure 5 Converging Technologies around Virtual Worlds



A human-centered and ethical development of digital and industrial technologies

- Total funding volume for the Virtual Worlds theme likely at ~80M€
- 4 call topics to be open for proposals, collaboration projects
 - Multiple small-scale projects (budget 3-6M€) funded under each call topic
 - 2 RIA calls (funding rate 100% for all entities), 1 IA call (funding rate 70% for businesses; 100% for not-for-profit entities), 2 CSA (funding rate 100% for all entities),
- Focus on **earlier-stage technology development** (TRL 3-4 → TRL 6)
 - Major emphasis on enabling and enhancing technologies (i.e. mulimodel interaction, photonics; Web 4.0; utilization of Generative AI)

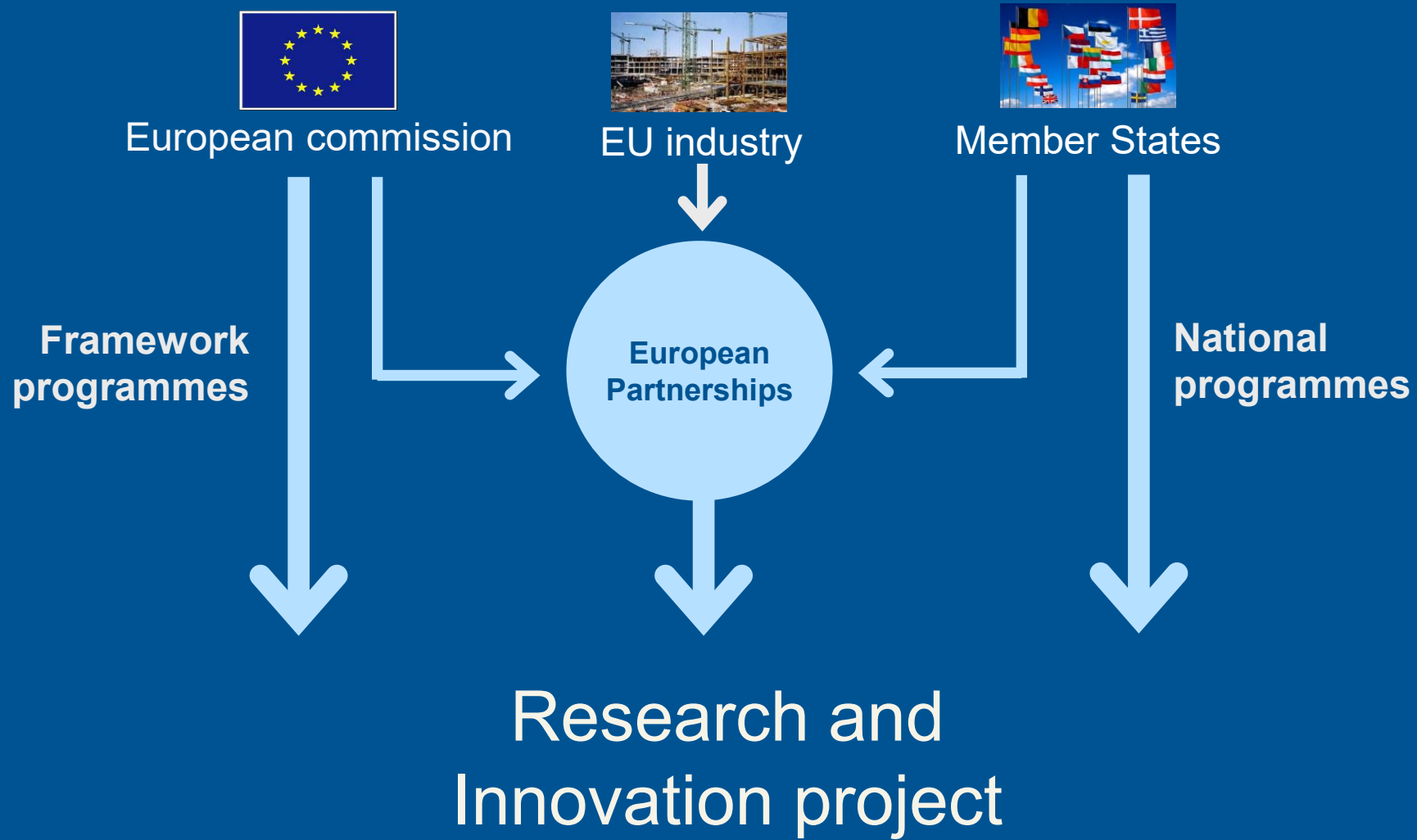
What is it also not ... bottom-up

- The other pillars in Horizon is though:
 - Pillar 1
 - MSCA, researcher mobility grants
 - ERC, principal investigator driven grants
 - Pillar 3
 - EIC, Small & medium sized businesses grants, loans and investments

Types of projects

- **Research and innovation action (RIA)** that establishes new knowledge and/or explores a new or improved technology, product, process, service or solution.
- **Innovation action (IA)** that produces plans or designs for new or improved products, processes or services including prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.
- **Coordination and Support action (CSA)**

European partnerships



Relevant partnerships/initiatives

- ADRA (AI, Data and Robotics)
 - Partnership on AI, Data and Robotics: [Adra Association: Adra Strategic Research Jul24_v2-2_0.pdf](#)
 - [Commission launches AI innovation package](#)
 - [EU launches InvestAI initiative to mobilise €200 billion](#)
 - [GenAI4EU: Creating European Champions in Generative AI - European Commission](#)
- Photonics
 - [Photonics21 – A Key Enabling Technology for Europe](#)
- Virtual Worlds – In the making

Virtual Worlds Partnership: expected partners

- **Co-programmed** partnership

Industry (large companies, SMEs, start-ups, spin-offs)

Academia (universities, innovation and research organisations)

End-users (unions, customers associations, sectoral applications users)

Policy makers (national, regional, local levels) & regulator

- Built on the **VR/AR industrial coalition managed by the EU**
- Benefit from XR4EUROPE, NEM, EUROXR
- Mobilising existing associations and initiatives (including CSAs : XR4HUMAN, OPENVERSE)
- Geographical coverage
- **Open to anyone**
- Links to non-European initiatives and stakeholders

Information



1. General info :

- [An EU initiative on Web 4.0 and virtual worlds](#)
- [Staff working document: information, insights and market trends on web 4.0 and virtual worlds](#)

2. [European Partnerships in Horizon Europe - European Commission \(europa.eu\)](#)

- published partnership proposals, report on coherence and synergies, infographics

3. www.era-learn.eu

- Contains a large variety of detailed information on the financial management of European partnerships, guidelines on SRIA development, etc.

Institutions with strengths in visualisation,
image analysis, AI, computer science, human
factors, social science, medicin, art,

XR specialists, game developers,
designers, storytellers, educators

Experts, consultants, developers
and coaches

Domain experts

Emerging AND established

Enterprises of all sizes in e.g.
Production, Automation, Mining,
Aviation, Defence, Life Science

Need for Up-skilling, Visualisations

Users of Digital twins, simulations,
complex processes and scenarios

Universities
& research
Institutes

Research and Innovation agencies

Private philanthropists

Financiers

Swedish
XR
Community

Immersive
tech
companies

Authorities,
government
& policy
makers

E.g.
Ministry of Climate and Enterprise
Ministry of Culture
Ministry of Defence
Ministry of Education and Research

User
companies

Events

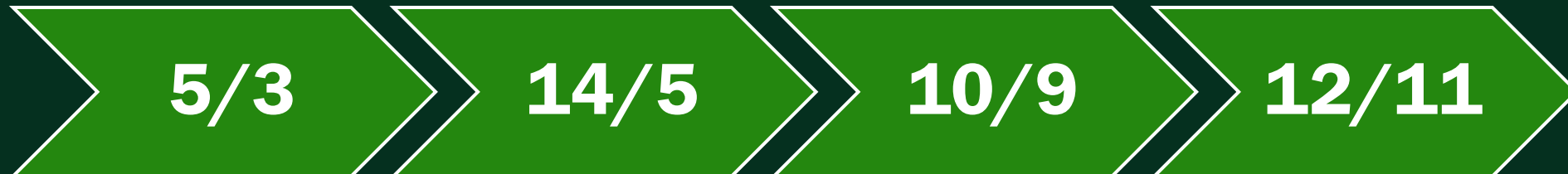
- **Horizon Europe Cluster 4 Digital Brokerage Event with Austria, Benelux and Nordic countries**, 19th March 13.00-15.00, [online](#)
- **Cluster 4 Infoday from the commission**: The commission will organize an information meeting for Cluster 4 on 13-14 May, [online](#)
- Physical event to mobilize for WP2025 at Vinnova on 27th March 10.00-15.00
[Horisont Europa- Vilka möjligheter erbjuder 2025? | Vinnova](#)
- [European Robotics Forum \(ERF 2025\)](#), Date, location: 25th-27th March, Stuttgart, Germany (offer for project ideas checks)
- Driving Forces for Digitalization, Metaverse and AI, [The Rails Ahead Spring 2025](#). 3rd April, Oulu, Finland
- NGI Forum 2025, 19-20 June in Brussels (save the date)

Relevant information

- **Newsletter:**
 - [Vinnovas Nyhetsbrev för Horisont](#)
 - [Kluster 4: Digitala frågor, industri och rymd](#)
- Other relevant programme
 - [Digital Europe Programme - European Commission \(DIGG\)](#)
 - [EIT Digital: MentorMe Program // EIT Digital](#)
 - Next Generation Internet
- Relevant document
 - [Strategical plan for Horizon Europe 2025-2027](#) lines out the impacts for cluster

Planning grant

- Who can apply?
 - Swedish organisations - academic actors, research institutes, public sector, civil society or SMEs ... who are planning to design an application for a research and innovation project for an international call
- < 300 000 SEK Plan to apply for an international call
- < 500 000 SEK Plan to coordinate an international project
- The identified international call must be published at the time of the application
- [Planning grant for international proposal 2025 | Vinnova](#)
- [Informationsmöte om planeringsbidrag inför internationell ansökan | Vinnova](#) (recording)



NGI (Next Generation internet) calls

- [NGI Zero Commons](#) supports R&D on technology commons that improve openness, trustworthiness, resilience and user autonomy, and make these available as free/libre/opensource software and hardware (*funding up to 5-50.000 €, deadline 1st April*).
- [NGI Taler](#) supports the development of technology commons that empower users, and establish a new generation of privacy-friendly digital payments systems (*funding up to 5-50.000 €, deadline 1st April*).
- [NGI Mobifree](#) supports solutions for an open mobile ecosystem (*funding up to 5-50.000 €, deadline 1st April*). • NGI Fediversity aims to bring easy-to-use, hosted cloud services with service portability and personal freedom at their core to everyone. (*funding up to 5-50.000 €, deadline 1st April*).
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Digital fika - Pilots

- Upcoming Digital coffee cluster 4, Fridays 11.00-11.45, same link, no registration, in English
 - 21/2 Destination 5
 - Sport holidays
 - 7/3 Destination 6,
 - 14/3 Destination 1
 - 21/3 Destination 2
 - Send your feedback to Jeannette.spuhler@vinnova.se



Tack!



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