Digital fika about cluster 4 – Destination 1

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Agenda

- Short introduction to destination 1

- Guest: Lena Killander

- 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

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Horizon Europe 2021-2027

Pillar 1 Excellent Science	Pillar 2 Global Challenges and European Industrial Competitiveness	Pillar 3 Innovative Europe
European Research Council	**Clusters** • Health • Culture, Creativity and Inclusive Society • Civil Security for Society • Digital, Industry and Space • Climate, Energy and Mobility • Food, Bioeconomy, Natural Resources, Agriculture and Environment	European Innovation Council
Marie Skłodowska-Curie Actions		European innovation ecosystems
Research Infrastructures		European Institute of Innovation and Technology
	Joint Research Centre	

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence	Reforming and Enhancing the European R&I system

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

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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

European Commission

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Climate neutral, circular and digitised production

- Manufacturing

- Construction

- Energy-Intensive Industries
  - Decarbonisation and Energy Efficiency
  - Circularity and zero pollution

- Social Circular Enterprises

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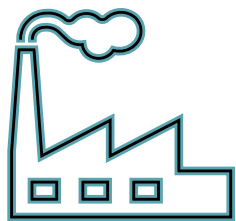# What is it also not … bottom-up

- 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

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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)

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En Ren industri

Manufacturing

Construction

Energy intensive industries – circularity and zero pollution

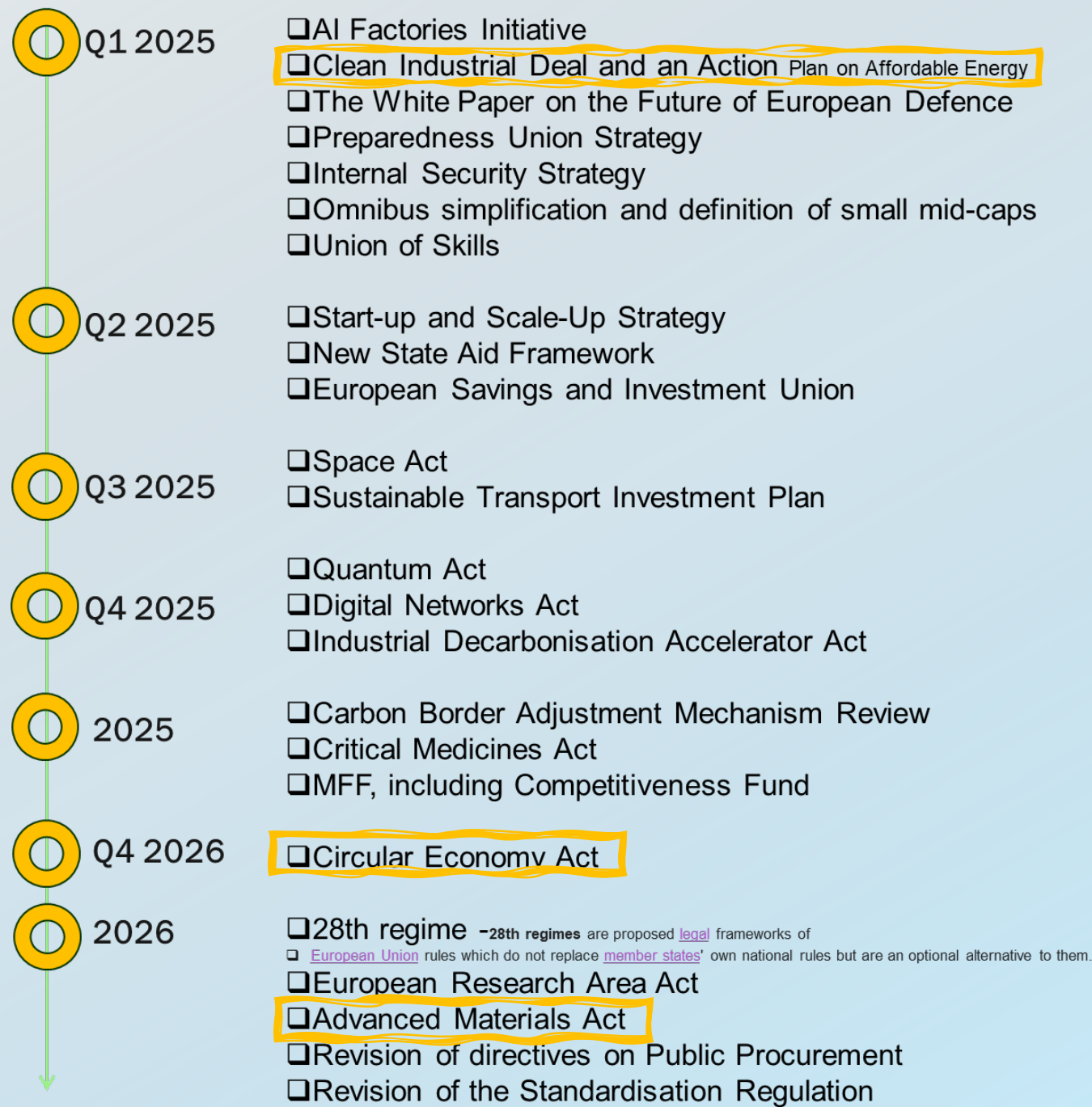Energy intensive industries – decarbonization and energy efficiency

Social Circular Enterprises

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Eu competitiveness compass 2025-2027

Innovation Gap
Decarbonisation
Independency

Timeline Key Actions

Q1 2025
- AI Factories Initiative
- Clean Industrial Deal and an Action Plan on Affordable Energy
- The White Paper on the Future of European Defence
- Preparedness Union Strategy
- Internal Security Strategy
- Omnibus simplification and definition of small mid-caps
- Union of Skills

Q2 2025
- Start-up and Scale-Up Strategy
- New State Aid Framework
- European Savings and Investment Union

Q3 2025
- Space Act
- Sustainable Transport Investment Plan

Q4 2025
- Quantum Act
- Digital Networks Act
- Industrial Decarbonisation Accelerator Act

2025
- Carbon Border Adjustment Mechanism Review
- Critical Medicines Act
- MFF, including Competitiveness Fund

Q4 2026
- Circular Economy Act

2026
- 28th regime - **28th regimes** are proposed legal frameworks of
- European Union rules which do not replace member states' own national rules but are an optional alternative to them.
- European Research Area Act
- Advanced Materials Act
- Revision of directives on Public Procurement
- Revision of the Standardisation Regulation

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Many Partnerships in cluster 4

- CHIPS JU
- KDT
- SNS
- High Performance Computing
- European Metrology
- AI-Data-Robotics
- Photonics
- **Process4 Planet**
- **Clean Steel**
- **Made in Europe**

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Events

- **21/3 Destination 2 :** "Increased Autonomy in Key Strategic Value Chains for Resilient Industry" [Welcome to digital Fika about cluster 4 – destination 2 | Vinnova](#)

- **Cluster 4 Infoday from the commission:** The commission will organize an information meeting for Cluster 4 on 13-14 May, [online](#)

- The **EU Industry Days** is Europe's flagship annual event for industrial policy discussions, bringing together industry leaders, policymakers, innovators, and experts to exchange ideas, explore challenges, and showcase cutting-edge industrial advancements[. EU Industry Days 2025](#)

- **A.SPIRE Community Day 2025,** Date, location: 10 April, from 9h00 to 18h00, Brussels, Belgium
During this annual meeting of the partnership Process4Planet, the new policy changes, including the Competitiveness Compass and the Clean Industrial Deal, are discussed and also the orientations of Horizon Europe for the 2026-27 work programme of Cluster 4. Moreover, the Community Day will offer brokerage opportunities for 2025 topics. [A.SPIRE 2025 Community Day | A.SPIRE](#)

Not directly connected to Horizon Europe but relevant to find partners:

- If you are at Hannover Messe, there are several possibilities to match make (even digital).
  - [Enterprise Europe Network](#)

- International Production Environmental Community: Shaping the Future: AI-Driven Innovations for Sustainable Industry in Europe: Match making, 18th March 2025:
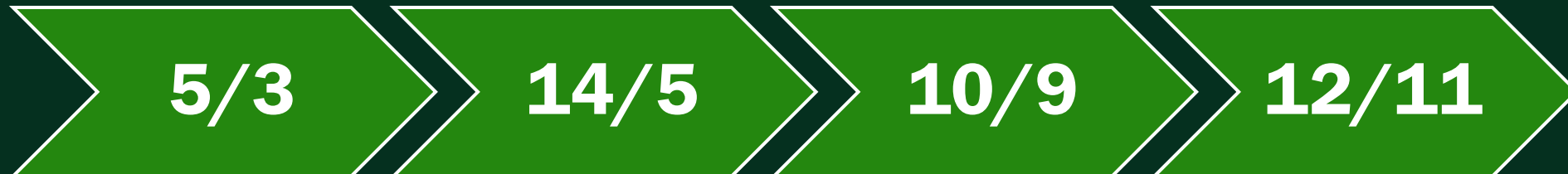 - [IPEC 2025 - Online Conference](#)

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Relevant information

- Newsletter:
  - [Vinnovas Nyhetsbrev för Horisont](#)
  - [Kluster 4: Digitala frågor, industri och rymd](#)

- Relevant European Partnerships
  - [Made in Europe](#)
    - Country fiches: [The Net-Zero manufacturing industry – EFFRA](#)
    - [Prelimiary insights on Draft Work Programme 2025 proposed by EFFRA](#)
  - [Process4Planet](#)
  - [Clean Steel](#)
  - [ADRA AI Data Robotics Association](#)

- Relevant document
  - [Strategical plan for Horizon Europe](#) 2025-2027 lines out the impacts for cluster

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EIT Manufacturing

- The Teaching Factories Competition (TFC) is a collaborative initiative bringing together industry and academia across Europe through business challenges. The Calls closes September, 1st 2025.

- [Teaching Factories Competition 2025 Call - EIT Manufacturing](#)

- Accelerate programme for startups and scaleups in thematic areas "Digitalization and Automation", " Net Zero Industry", "Renewable Energy" and "Circular Economy" (permanently open, next cut off day 21 april 2025)

- [Accelerate Programme - EIT Manufacturing](#)

- Scale up startups, SME or mining projects in the sector of raw materials value chain (several cut off days 24/3, 26/5 and 8/9/2025)

- [Apply for funding up to €2.5m with ERMA Booster Call](#)

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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)

| 5/3 | 14/5 | 10/9 | 12/11 |

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Closing dates 2025

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

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Tack!

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