Empowering a Human-Centric Industry for the Twin Transitions
From shareholder to stakeholder value

INDUSTRY 5.0
human-centric, sustainable and resilient

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Industry 5.0 ...

**HUMAN-CENTRIC**
... promotes talents, diversity and empowerment

**RESILIENT**
... is agile and resilient with flexible and adaptable technologies

**SUSTAINABLE**
... leads action on sustainability and respects planetary boundaries

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Why Industry 5.0?

- Reduced cost due to resource efficiency
- Empowered workers remaining in control
- Competitive industry by attracting best talent
- Adapted training for evolving skills
- Improved safety and well-being
- Competitive edge in new markets
- Industry 5.0 is a solution provider for people and for our planet

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Sustainable Industrial Production

• resource efficiency = doing “better with less”
• adopt full product life-cycle perspective
• improve environmental outcome
• help reach Sustainable Development Goals (SDGs)
  “Industry, Innovation and Infrastructure” (#9) and
  “Responsible Consumption and Production” (#12)
Industry 5.0 Past Initiatives

- **Industry 5.0 Award**: recognising the contribution of EU-funded projects whose results make European industry more resilient, sustainable, and human-centric
  - Winner: RAMP-PV (upcycling of high quality materials from PV waste)

- **ESIR expert group report** and dialogue with industry leaders in Spring 2022
  - ‘Industry 5.0: A Transformative Vision for Europe - Governing Systemic Transformations towards a Sustainable Industry’
  - Roundtable with industry – and report

- **Venture Capital fund** (Momenta) on Industry 5.0

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Industry 5.0: From Awareness-Raising to Implementation

Helping stakeholders to accelerate the Industry 5.0 implementation:

- **Industry 5.0 Community of Practice**
  - pilot phase launched on 16 November 2023
  - over 100 members (including representatives of EU clusters e.g. European Cluster Alliance, The Silicon Alps Electronic Cluster, West Pomeranian ICT cluster)
  - share good practices, establish partnerships and help co-create practical I5.0 tools

- **ERA Human-centric Technology Roadmap** – to capture the evidence base and state-of-the-art in industrial practices and potential of industry based on human-centricity