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Celebrating 15 years of research

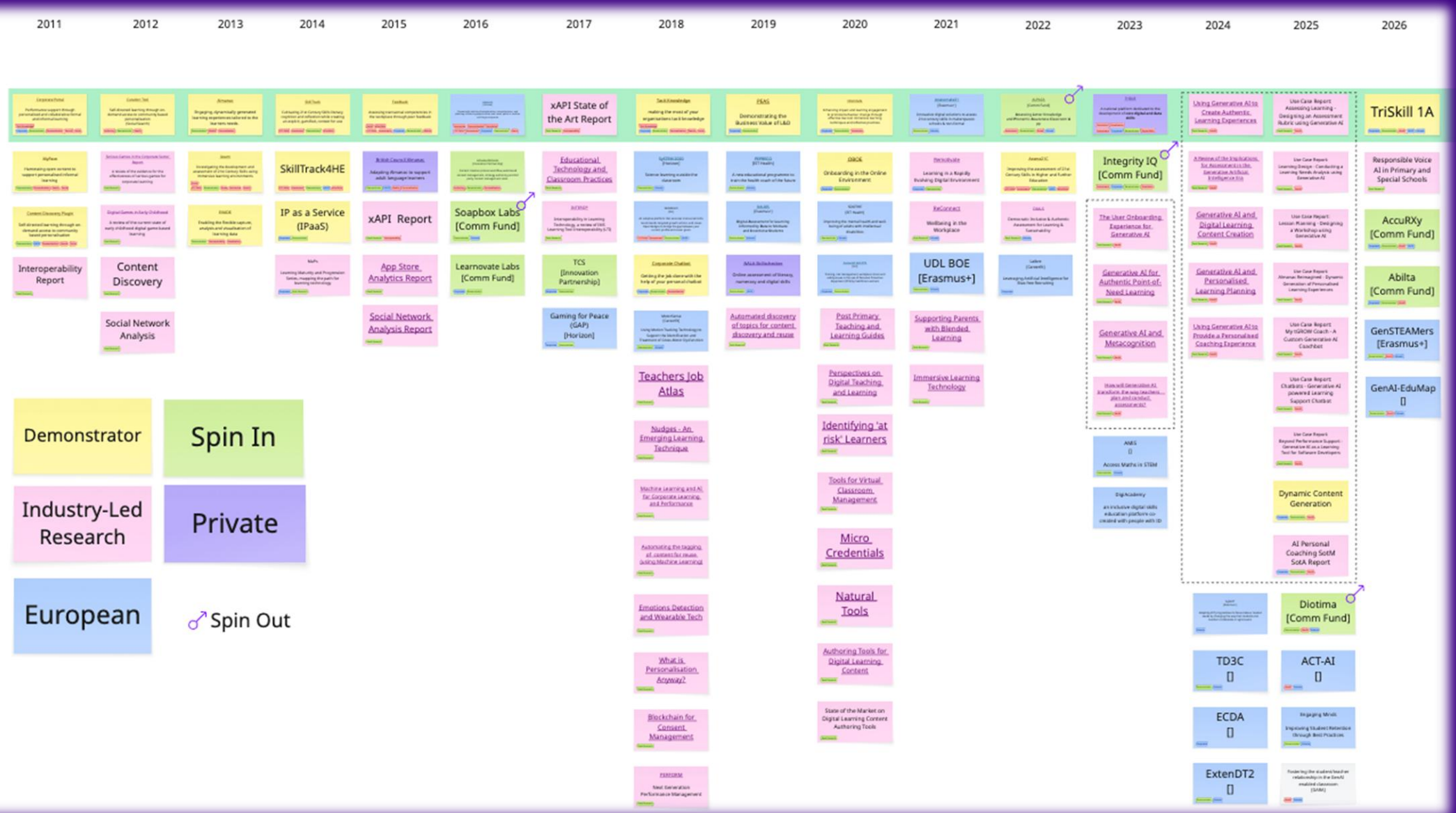
Eric Paquin
Head of Research,
Innovation and Technology

Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

TECHNOLOGY CENTRE
ENTERPRISE IRELAND
IDA IRELAND SUPPORTED


PRINT
Ideas spread
RADIO
Voices connected
TELEVISION
The world got smaller
COMPUTERS
Knowledge went digital
INTERNET
People came together
MOBILE
Learning went everywhere
AI
New possibilities emerge
Different technologies. Same human potential.
Curiosity
Skills
Opportunity
A Brighter Tomorrow


PRINT
Ideas spread
RADIO
Voices connected
TELEVISION
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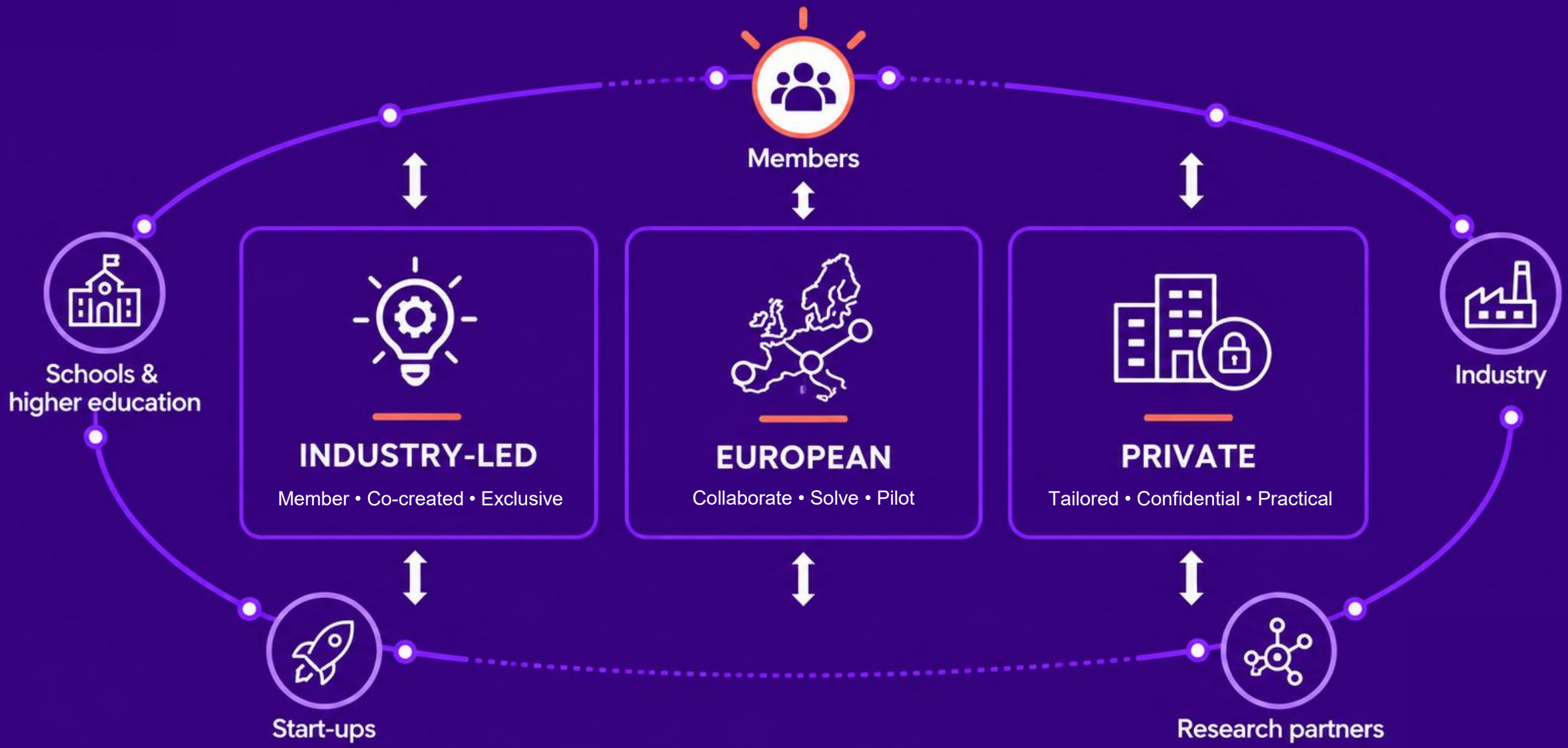

2011
2012
2013
2014
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2021
2022
2023
2024
2025
2026
Interoperability Report
Content Discovery
Social Network Analysis
SkillTrack4HE
IP as a Service (IPaaS)
xAPI Report
App Store Analytics Report
Social Network Analysis Report
Soapbox Labs [Comm Fund]
Learnovate Labs [Comm Fund]
xAPI State of the Art Report
Educational Technology and Classroom Practices
TCS [Innovation Partnership]
Gaming for Peace (GAP) [Horizon]
Teachers Job Atlas
Nudges - An Emerging Learning Technique
Machine Learning and AI for Corporate Learning and Performance
Automating the tagging of content for reuse using Machine Learning
Emotions Detection and Wearable Tech
What is Personalisation Anyway?
Blockchain for Consent Management
PERFORM
Next Generation Performance Management
Demonstrating the Business Value of L&D
Automated discovery of topics for content discovery and reuse
Post Primary Teaching and Learning Guides
Perspectives on Digital Teaching and Learning
Identifying 'at risk' Learners
Tools for Virtual Classroom Management
Micro Credentials
Natural Tools
Authoring Tools for Digital Learning Content
State of the Market on Digital Learning Content Authoring Tools
ReConnect
Wellbeing in the Workplace
UDL BOE [Erasmus+]
Supporting Parents with Blended Learning
Immersive Learning Technology
Integrity IQ [Comm Fund]
The User Onboarding Experience for Generative AI
Generative AI for Authentic Point-of-Need Learning
Generative AI and Metacognition
AMES
Access Maths in STEM
Using Generative AI to Create Authentic Learning Experiences
Generative AI and Digital Learning Content Creation
Generative AI and Personalised Learning Planning
Using Generative AI to Provide a Personalised Coaching Experience
Dynamic Content Generation
AI Personal Coaching SotM SotA Report
Diotima [Comm Fund]
TD3C
[]
ECDA
[]
ExtenDT2
[]
ACT-AI
[]
TriSkill 1A
Responsible Voice AI in Primary and Special Schools
AccuRXy [Comm Fund]
Abilta [Comm Fund]
GenSTEAMers [Erasmus+]
GenAI-EduMap
[]
Demonstrator
Spin In
Industry-Led Research
Private
European
Spin Out

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15
Years of Research
2011–2026
2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2026
LEARNOVATE CENTRE (PHASE 1)
LEARNOVATE CENTRE (PHASE 2)
LEARNOVATE CENTRE (PHASE 3)
xAPI State of the Art Report
Demonstrating the Business Value of L&D
Analytics Approach
Analytics Approach
Using Information APIs to Create Authentic, Personalised Learning Experiences
TriSkill 1A
SkillTrack4HE
Educational Technology and Classroom Practices
UDL & Inclusive Learning
Generative AI and Digital Learning Content Creation
Responsible Voice AI in Primary and Special Schools
IP as a Service (IPaaS)
xAPI Report
Soapbox Labs [Comm Fund]
TCS Innovation Partnership
AI & Robotics in Education
GAAC Onboarding in Online Environments
The Use of Onboarding for Learner Engagement & Retention
AMS Access Rights in [TAI]
AccuRxy [Comm Fund]
Interoperability Report
Content Discovery
App Store Analytics Report
Learnovate Labs [Comm Fund]
Gaming for Peace (GAP) [Horizon]
Automated discovery of topics for content discovery and reuse
Post Primary Teaching and Learning Guides
Supporting Parents with Blended Learning
Use Case Reports (Various Projects)
Abilita [Comm Fund]
Social Network Analysis
Social Network Analysis Report
Teachers Job Atlas
Identifying at risk Learners
Perspectives on Digital Teaching and Learning
Immersive Learning Technology
GenSTEAMers [Erasmus+]
Nudge: An Emerging Learning Technique
Machine Learning and AI for Personalisation and Retention
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Natural Tools
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Diotima [Comm Fund]
What is Personalisation, Anyway?
Blockchain for Consent Management
State of the Market on Digital Learning Content Authoring Tools
TD3C []
ACT-AI []
RESPOND Next Generation Performance Management
ECDA []
ExtenDT2 []
15 Years of Research. Impact. Innovation. Learning for a Better Future.

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Three routes. One connected ecosystem.



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15 years of impact

PRIVATE RESEARCH

210

Projects

124 Companies

22

European funded projects

52

Industry-led research studies

19

Research Demonstrators

5

Companies created

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Five disciplines. One human-centred approach.



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Celebrating 15 Years of Research

Personalisation

2011 - 2026



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Celebrating 15 Years of Research

Transversal Skills

2011 - 2026

2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026

Personalisation

- Personalised content discovery
- Adaptive learning journeys
- Workplace knowledge sharing
- Generative AI for tailored learning

Transversal Skills

- Human skills development
- Feedback in everyday work
- Skills and career pathways
- Authentic skills assessment

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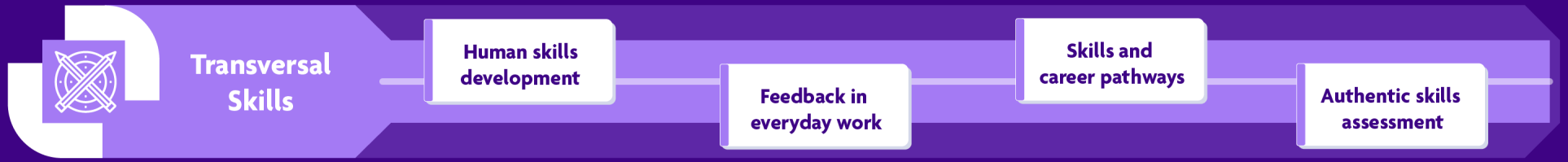
Celebrating 15 Years of Research

Accelerated Digital Transformation

2011 - 2026

2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026







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Celebrating 15 Years of Research

The Learner in the Future of Work

2011 - 2026

2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026

Personalisation

- Personalised content discovery
- Adaptive learning journeys
- Workplace knowledge sharing
- Generative AI for tailored learning

Transversal Skills

- Human skills development
- Feedback in everyday work
- Skills and career pathways
- Authentic skills assessment

Accelerated Digital Transformation

- Connected learning data
- Evidence of learning value
- Inclusive digital learning
- Digital assessment and early support

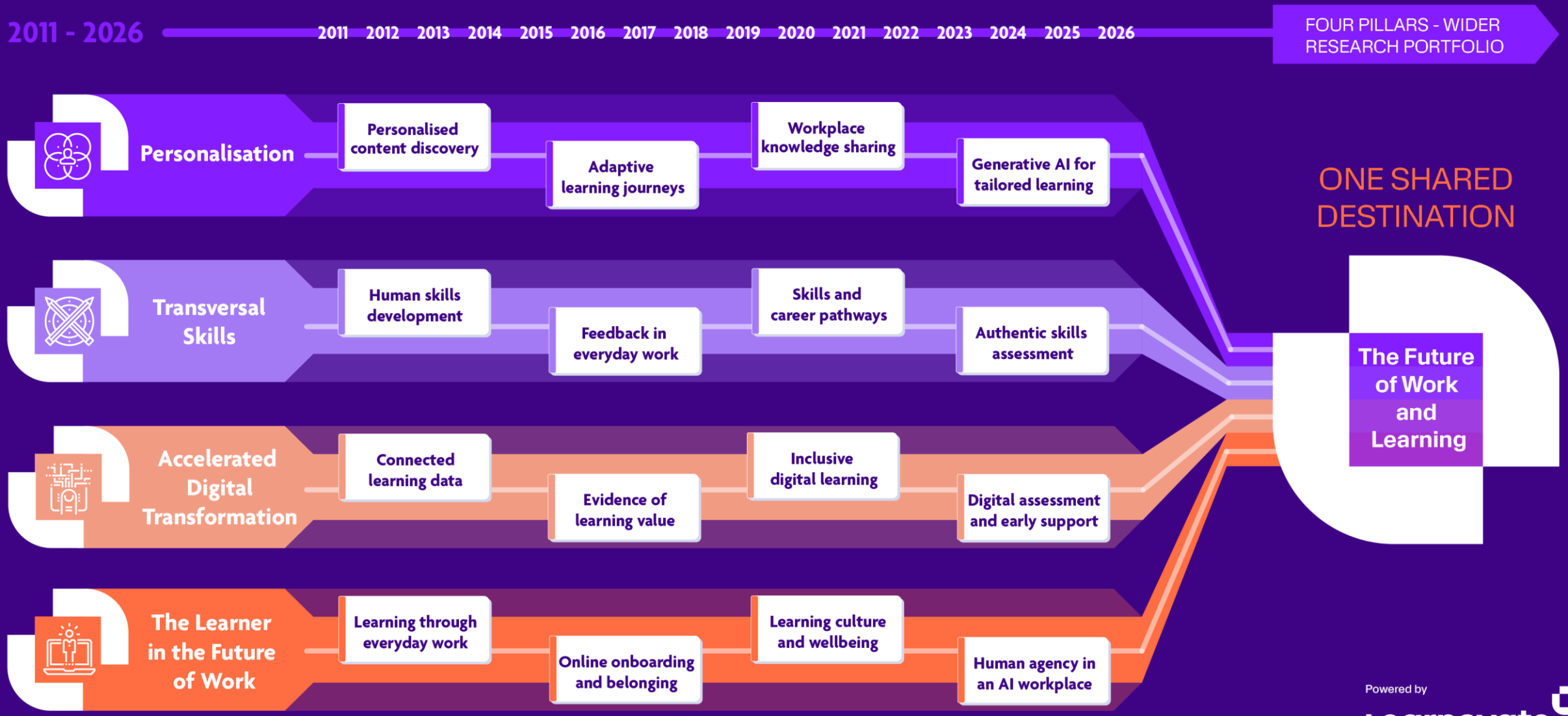
The Learner in the Future of Work

- Learning through everyday work
- Online onboarding and belonging
- Learning culture and wellbeing
- Human agency in an AI workplace

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Celebrating 15 Years of Research

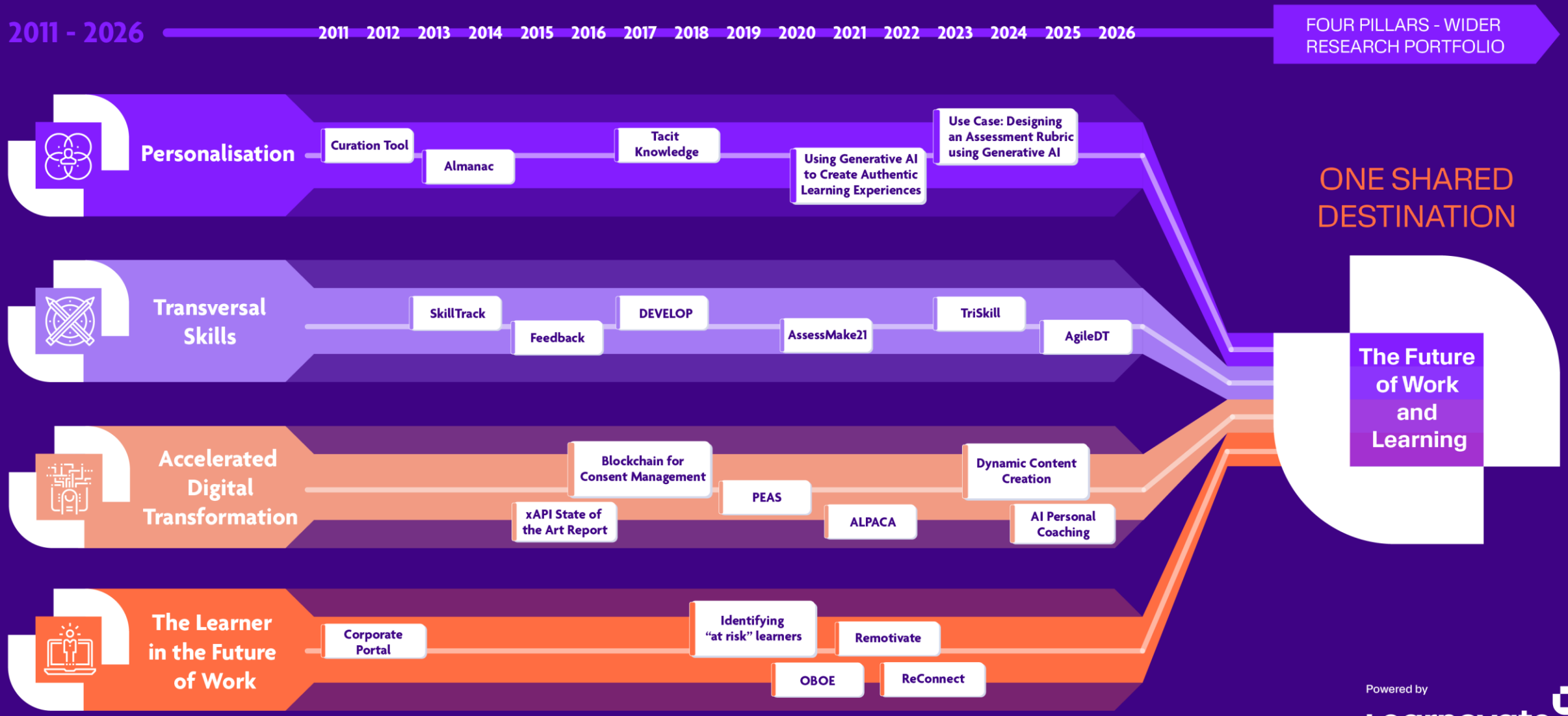
FOUR RESEARCH PILLARS. ONE FUTURE.



Powered by Learnovate

Celebrating 15 Years of Research

FOUR RESEARCH PILLARS. ONE FUTURE.



Powered by Learnovate

From Irish centre to European research partner

A decade of collaboration, scale and shared ambition

2016
DEVELOP
HORIZON 2020

THE STARTING POINT

22
EUROPEAN PROJECTS

SINCE 2016

A growing portfolio

- AI
- SKILLS
- ENGAGEMENT
- DIVERSITY

TODAY

AgileDT
FUTURE SKILLS

Engaging Minds
LEARNER ENGAGEMENT

ACT-AI Academy
AI IN EDUCATION

TD3C
DIGITAL CREATION

European Chips
TALENT DIVERSITY

GenAI-EduMap
RESPONSIBLE AI

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Research that will transform the way we think...

Two afternoon tracks • Three ways we turn research into impact

CORPORATE LEARNING

Research in the flow of work

INDUSTRY-LED RESEARCH

Dynamic Content Creation

Dr Ian O'Keeffe • Learnovate

EUROPEAN RESEARCH

AgileDT

Pablo Alvarez • Learnovate

PRIVATE RESEARCH

alulu.

Dr Peter Gillis • Learnovate | Myles Thies • alulu.

FORMAL EDUCATION

Research for teaching and learning

INDUSTRY-LED RESEARCH

Voice AI

Dr Bilal Ahmad • Learnovate

EUROPEAN RESEARCH

ACT-AI

Ilse White • Learnovate

PRIVATE RESEARCH

NCCA

Helena Ledermann • Learnovate | Dr Liam Clohessy • NCCA

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The next 15 years

Two lenses. One emerging research direction.

DIVERGE

ACADEMIC INPUT



Academic Council

THE 2040 BRIEF

Imagine the future skills and learning pathways that will emerge by 2040

OPENING THE POSSIBILITY SPACE

- Future skills
- Learning pathways
- New roles and contexts
- Human–AI collaboration

Exploring multiple futures

CONVERGE

INDUSTRY INPUT



Thought Leaders Circle

THE QUESTION ASKED

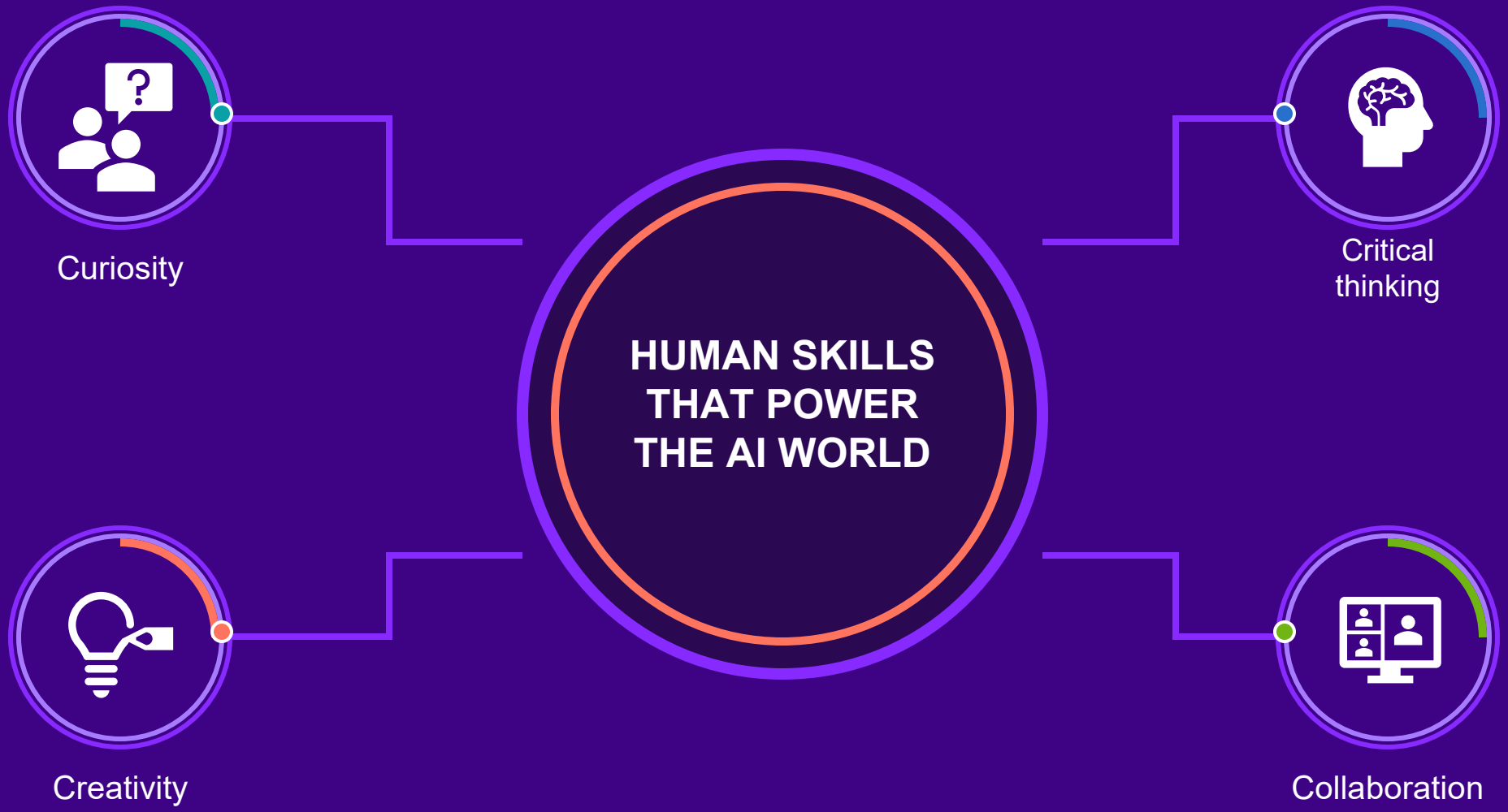
What is the single biggest operational or pedagogical barrier your sector faces that current learning technology fails to solve?

FOCUSING THE RESEARCH AGENDA

Identifying shared priorities and the challenges that matter most

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Learnovation 2026



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Thank you!

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