Reimagine Education and Skills Development for the New (or Next) Normal

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Real Life Stories Around the World

Effective digital learning

Reskill workforce to adapt to changing job landscape

Fight for better signals

Pre-existing challenges compounded with new ones

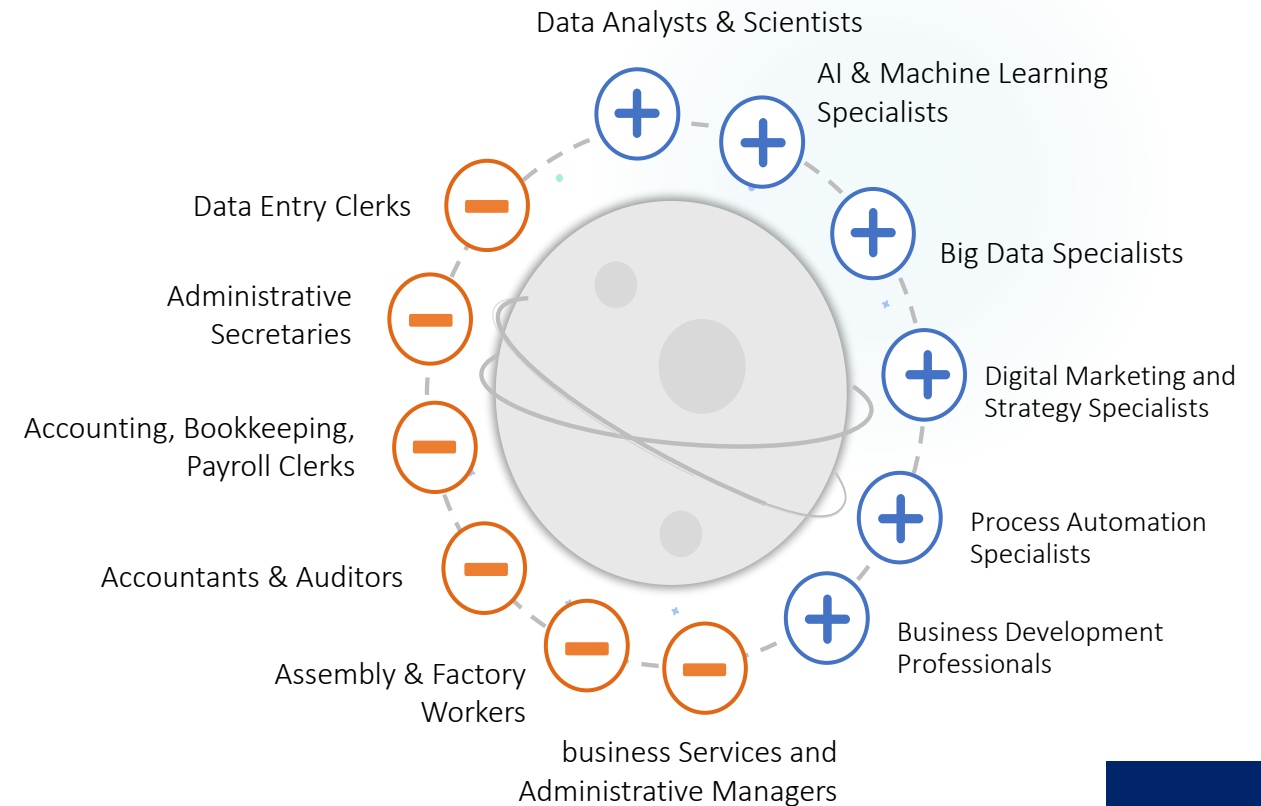## Challenges Prior to COVID-19 & IR4.0

- Learning Crisis
  - ✓ Access to learning
  - ✓ Quality of learning
- Skills mismatch challenges
  - ✓ Supply/demand mismatch

New Challenges

- Widening digital gaps
- Old job losses; new job gains
- New job types, tasks, and roles
- New forms of work—gig work
- Constant upskilling and reskilling

Top increasing and decreasing jobs across industries

Data Analysts & Scientists

AI & Machine Learning Specialists

Big Data Specialists

Digital Marketing and Strategy Specialists

Process Automation Specialists

Business Development Professionals

business Services and Administrative Managers

Assembly & Factory Workers

Accountants & Auditors

Accounting, Bookkeeping, Payroll Clerks

Administrative Secretaries

Data Entry Clerks

Source: Future of Jobs Survey 2020, World Economic Forum

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Opportunities for Reimagining Education

Collaboration
- Cross sectoral collaboration
- Cross thematic area cooperation

Cohesion
- Systemic Interventions
- Cohesive ecosystem power

Convergence
- Multiple disciplines
- From research to practice

Convergence

Technology

Pedagogy

Neuroscience Psychology
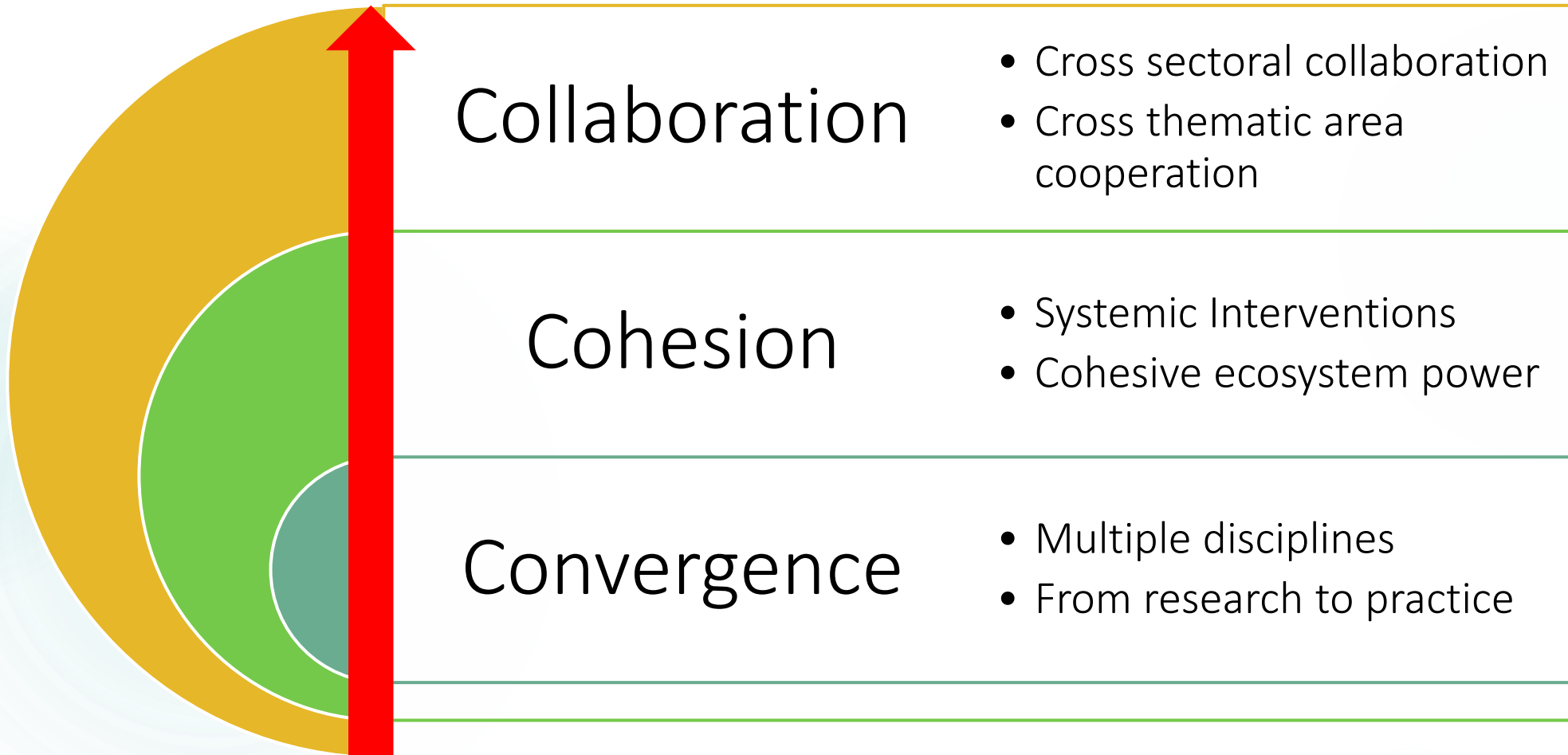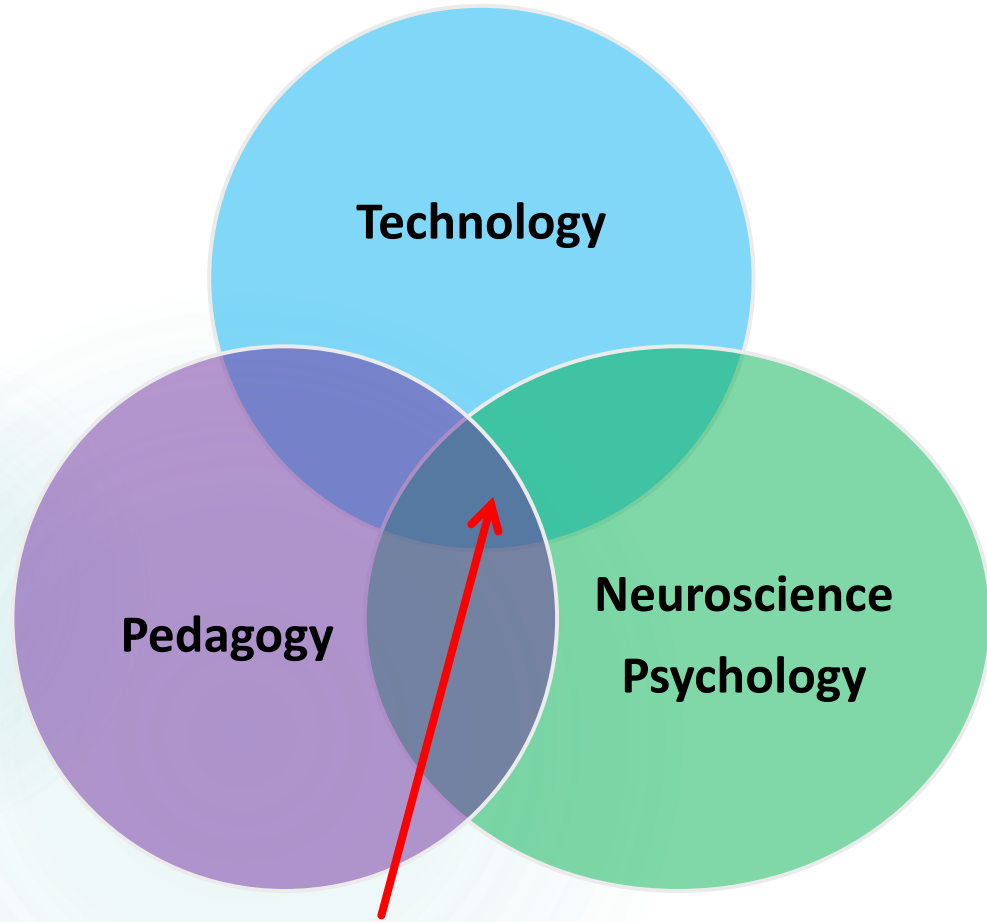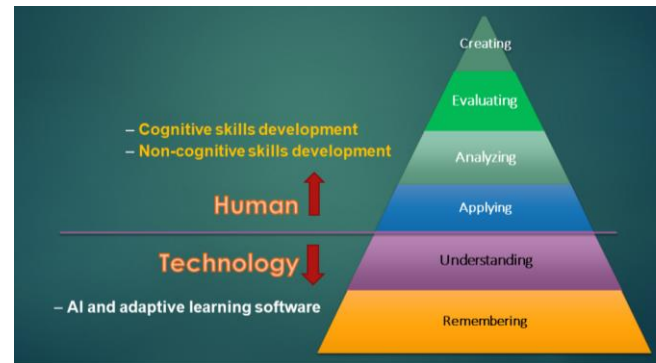
Advancements across multiple disciplines create more effective learning

Interactive Classrooms

Tech-savvy personalized learning

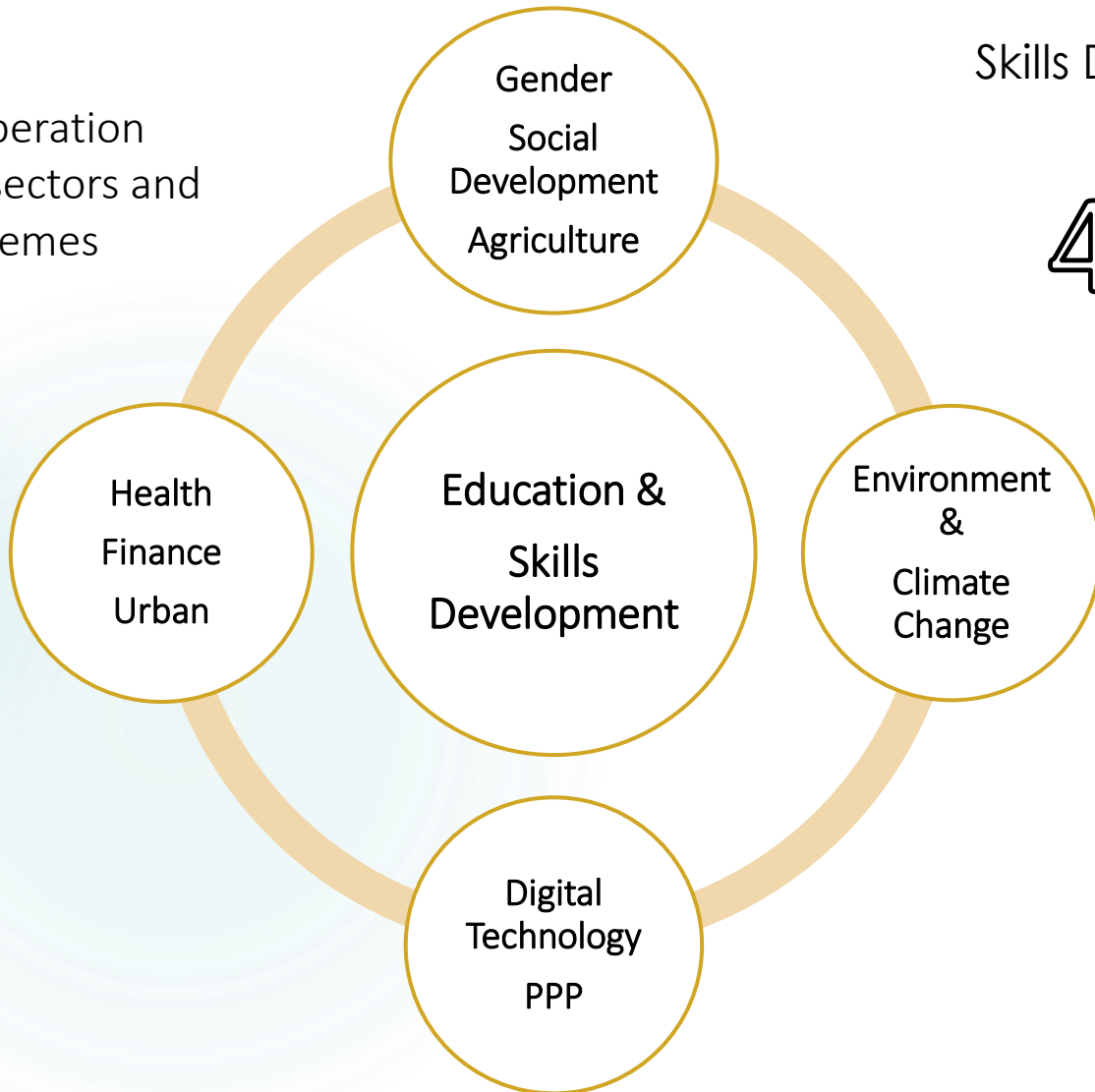Matching Technology with Human Support

Photo Source: HTHT Consortium

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Cohesion

COVID-19 Starts | 6 Months | 2 Years | 5 Years

3 Rs
5 Pillars
3 Es

Response
Recovery
Rejuvenation

Infrastructure
Weak ICT Infrastructure

Government
Need enabling government policies

Schools/Teachers
Need qualified teachers and admin

Parents/Students
Lack of 21st century skills

Providers
Lack of EdTech partners

Low-Tech | Medium-Tech | High-Tech

EdTech Enabled Education Master Plan

Scale up school management and TPD

Increase home and out of school learning

Scale up local provider landscape

Equitable
• Disadvantaged Groups
• Gender

Enduring
• Data Driven decision making
• Sustainability

Efficient
• Teacher training & support
• Personalized learning
• Foundational Skills
• 21st century skills

AS-IS

TO BE

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Collaboration

Cooperation across sectors and themes

Gender
Social Development
Agriculture

Health
Finance
Urban

Education & Skills Development

Environment & Climate Change

Digital Technology
PPP

Skills Development vs Human Transformation

4000+ Registered Viewers

100+ Registered Speakers

30+ Countries

15+ Sectors & Thematic Areas

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Key Questions:

1. How can new generation technology like adaptive learning help to scale up learning and increase equity and inclusion?

2. How can TVET and universities collaborate with the private sector improve employability skills?

3. How can AI and big data help develop real-time intelligence to match labor market needs with individual skill profiles?

Thank you!

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