3DEXPERIENCE Edu

ARE YOU FUTURE-READY?

DID YOU **KNOW**?

Global technological advances are fundamentally **reshaping millions of jobs**, rewriting the skills landscape across every industry worldwide. This transformation is driving **a talent gap and skills shortage**, stemming from a misalignment between traditional engineering education and **the evolving demands of industries.**

BY 2030...

12 **million workers** may need to transition into growing sectors such as **STEM**, **construction and healthcare**

39% of **workers' core skills** will be obsolete

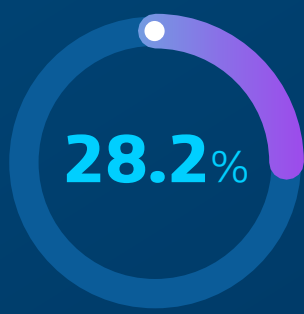**59**% of the **global workforce** will require reskilling or **upskilling**

78 **million new job opportunities** could be created

AI & Data are expected to create **11 million jobs**

THE **GENDER GAP** IN STEM

A gender disparity in **STEM careers** and a shortage of **AI-ready talent** exist

28.2% — **Women** represent only **28.2**% of the **STEM workforce**

Women make up only **1 in 3** **STEM graduates** in Europe

Only around **1 in 4** **AI professionals** worldwide are **women**

AI engineering female talent has **more than doubled** from 2016 to 2026 — **X2**

Sources:
World Economic Forum: Future of Jobs Report 2025 & Global Gender Gap Report 2024
European Commission: Digital Education Action Plan

3DEXPERIENCE EDU SOLUTIONS

3DEXPERIENCE EDU HELPS BUILD THE WORKFORCE OF TOMORROW, TODAY

Education Experiences: Combination of leading industry software, customized learning resources and certification for teachers to bring industries best practices into their classroom

Skills Referential: Skills talent need to success in the industries' digital transformation journey

Student Competitions: Challenges where students get hands-on experiences and solve real-world challenges

Certifications: Certification badges to boost student's employability and employees' profiles

Project-Based Learning: The next stage of engineering education with more multidisciplinary projects and collaboration for students
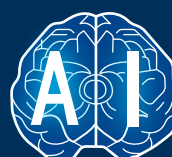
Centers of Excellence: Ecosystems of educational institutions where academia & industry collaborate to deliver industry-relevant learning

Key skills to improve skills-to-work transitions and shape the future

MBSE / Systems Engineering

Gen AI & Data science

Sustainable Engineering

Collaboration

ARE YOU FUTURE-READY?

3DS DASSAULT SYSTEMES