

Οι **Frey και Osborne (2013)** προβλέπουν ότι περίπου το **47%** της συνολικής απασχόλησης στις ΗΠΑ είναι ευάλωτο στην αυτοματοποίηση τα επόμενα **20** χρόνια.

Ο **Bowles (2014)** κατέληξε στο συμπέρασμα ότι το **54%** των ευρωπαϊκών θέσεων εργασίας διατρέχουν κίνδυνο εξαιτίας της αυτοματοποίησης.

Οι **Chui, Manyika και Miremadi (2015)** εκτιμούν ότι το **45%** των εργασιακών δραστηριοτήτων θα μπορούσαν να αυτοματοποιηθούν χρησιμοποιώντας την ήδη υπαρκτή τεχνολογία.

Οι **Arntz, Gregory και Zierahn (2016)** προβλέπουν ότι κατά μέσο όρο στις 21 χώρες του ΟΟΣΑ μόνο το **9%** των θέσεων εργασίας είναι αυτοματοποιημένες.

JOB'S LOST GAINED CHANGED

Automation will bring big shifts to the world of work, as AI and robotics change or replace some jobs, while others are created. Millions of people worldwide may need to switch occupations and upgrade skills.

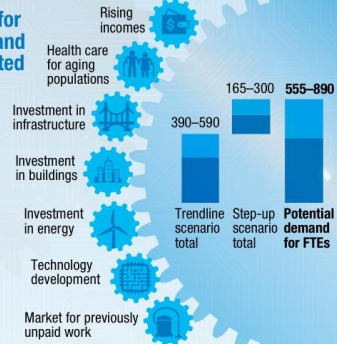
Scenarios for automation adoption, 2016–30

Under midpoint scenario, % of work hours with potential to be automated



Scenarios for labor demand from selected catalysts, 2016–30

Million FTEs, ranged low–high



Jobs of the future: some occupations will grow, others will decline, and new ones we cannot envision will be created



Workforce transitions

Our scenarios for automation and labor demand highlight challenges for workers

SWITCHING OCCUPATIONS...

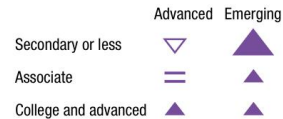
75M–375M

Number of people who may need to switch occupational categories by 2030, under our midpoint to rapid automation adoption scenarios

...DEMANDING NEW SKILLS...



...CHANGING EDUCATIONAL REQUIREMENTS



Priorities for policy makers and business leaders

ECONOMIC GROWTH

Ensuring robust demand growth and economic dynamism; economies that are not expanding don't create jobs

SKILLS UPGRADE

Upgrading workforce skills, especially retraining midcareer workers, as people work more with machines

FLUID LABOR MARKET

The shifting occupational mix will require more fluid labor markets, greater mobility, and better job matching

TRANSITION SUPPORT

Adapting income and transition support to help workers and enable those displaced to find new employment

Impact of automation varies by a country's income level, demographics, and industry structure

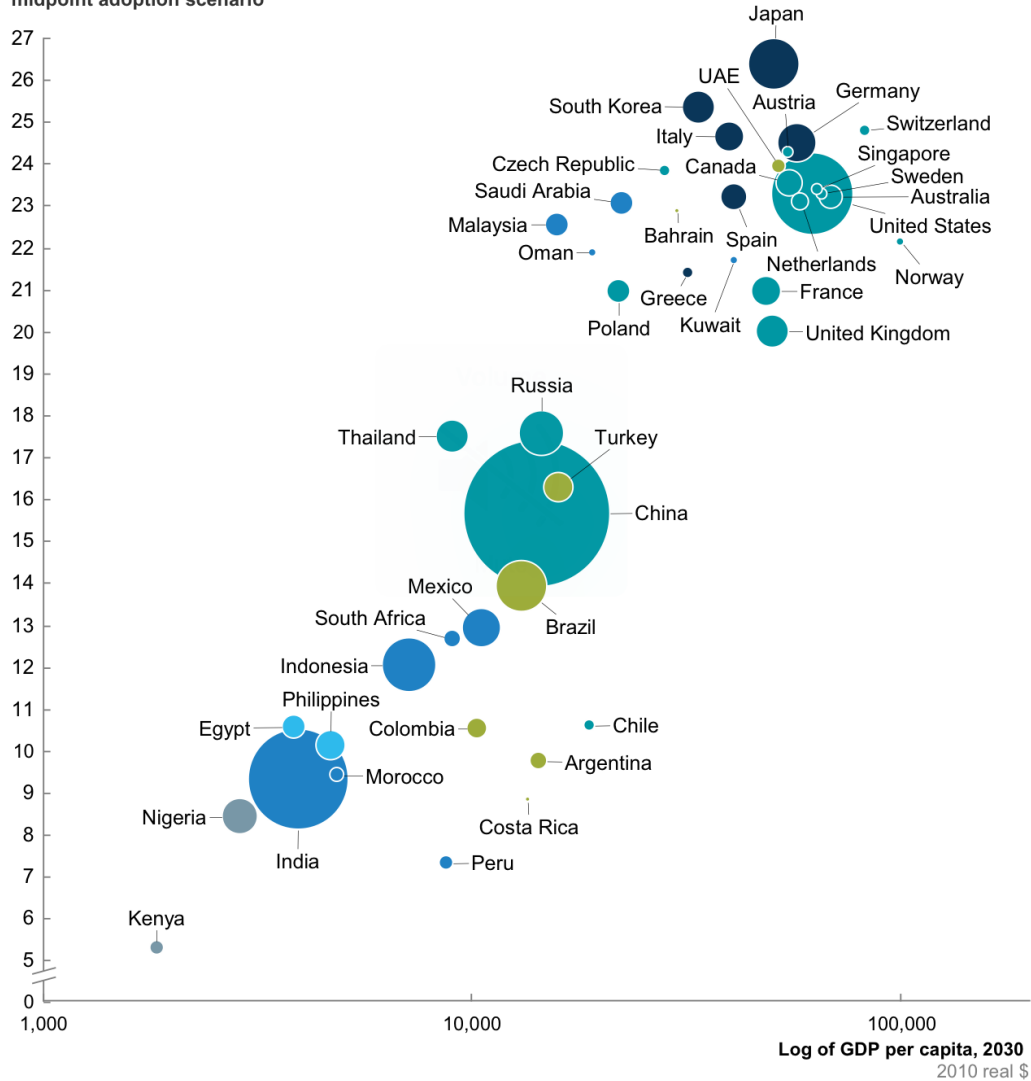
Size = FTEs potentially displaced, 2030 (million)



Color = Average age (projected), 2030



Percentage of current work activities displaced by automation, 2016–30, midpoint adoption scenario



SOURCE: World Bank; Oxford Economics; McKinsey Global Institute analysis

Top 10 skills

in 2020

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgment and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

in 2015

1. Complex Problem Solving
2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgment and Decision Making
9. Active Listening
10. Creativity



Source: Future of Jobs Report, World Economic Forum

dream big!

creative

Innovation

ENTREPRENEURSHIP



NEW IDEAS





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DIKTIO - NETWORK
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