

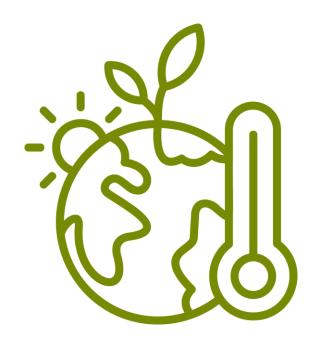
Lifelong learning: A symbiotic relationship

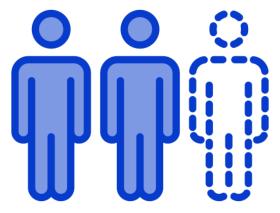
Bloom?
where you
are planted

Dr. Linda Koopmans



The importance of lifelong learning







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About us

Third of businesses struggle with staff shortages: Randstad

June 17, 2024





test

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EU Policy

Business

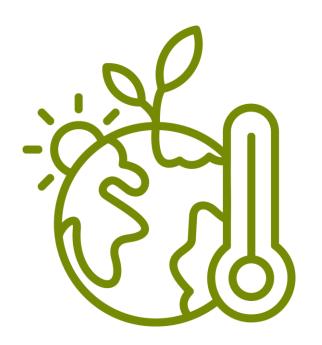
Euroview

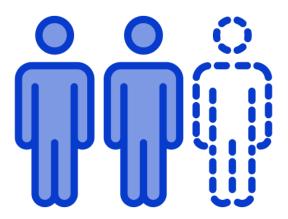
Business > Business

EU jobs crisis as employers say appoint have the right skills



The importance of lifelong learning











Anticipating and managing the impact of change

Human-robot interaction: What changes in the workplace?





stries Services Issues About

PwC Global > Today's issues > Artificial Intelligence > How will AI change the future of work?



The level of impact Ai will have on the nature of work and what organisations need to do to prepare their workforce on the impact of a digital future.



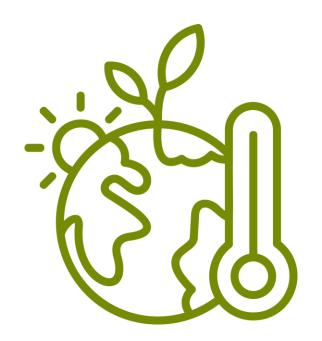
All is moving fast. For success, you need to skate to where the puck is going the All trends that could benefit business in the very near future.

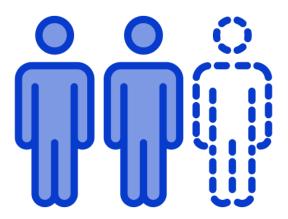
Will robots steal my job?

The short answer is: they might, but if you have the right skills, you'll get a better one. All is the biggest business opportunity of the next decade. It's already automating manual and repetitive tasks. Soon it will augment human decisions. Along the way, it will add more to global GDP by 2030 than the current output of China and India—combined. That growth will be more than enough to create many good jobs, while it will also change how current jobs are being done.

Leaders will have to understand how AI will impact their workforces, then get them prepared: upskill some workers to do existing jobs, but with AI, and retrain and hire others for the new roles that AI will demand. Schools and parents will have to teach children both STEM skills and a culture of creativity and lifelong learning.

The importance of lifelong learning







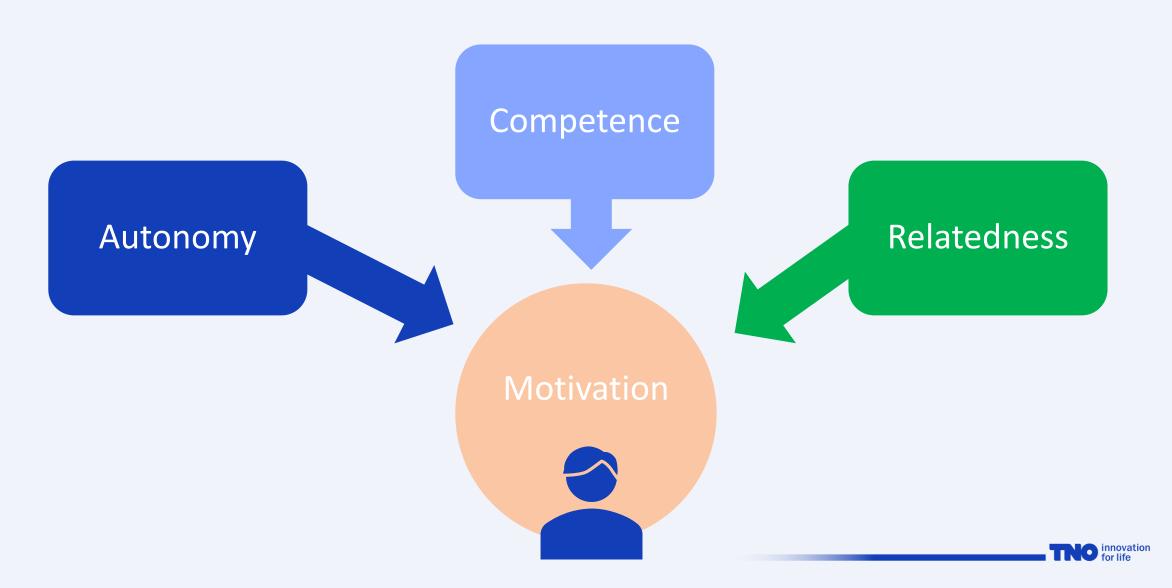


Symbiotic relationship





Self-determination theory for individual motivation

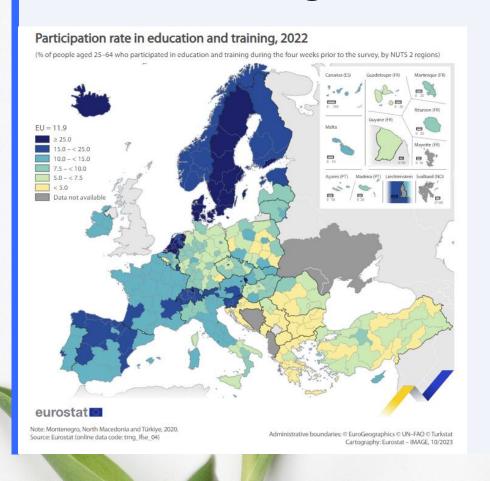


Three types of learning

- Formal learning
- Non-formal learning
- Informal learning



Formal learning in the EU

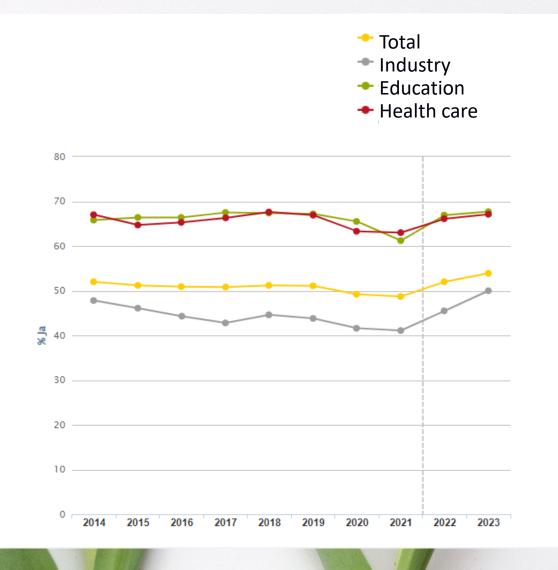


- In 2022, the adult participation rate in **formal** and non-formal learning was 11.9% in the EU.
- This is an increase compared with 2021 (10.8%) and 2020 (9%).
- Source: <u>Eurostat</u> and <u>Adult learning statistics</u> <u>Statistics Explained (europa.eu)</u>



Trends in the Netherlands in attendance of training

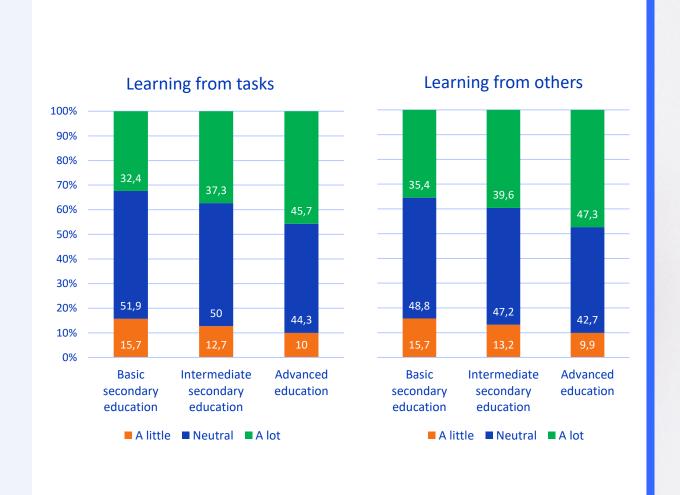
- On average, 50% of employees followed a training or schooling during the last two years
- Learning behavior varies per group, for example sector
- Source: <u>Netherlands Working</u> Conditions Survey (TNO/CBS, 2023)





Informal learning in the Netherlands

- On average, 42% of workers learn a lot informally
- There are differences between groups, for example education levels
- Source: <u>Netherlands Working</u>
 <u>Conditions Survey (TNO/CBS, 2023)</u>



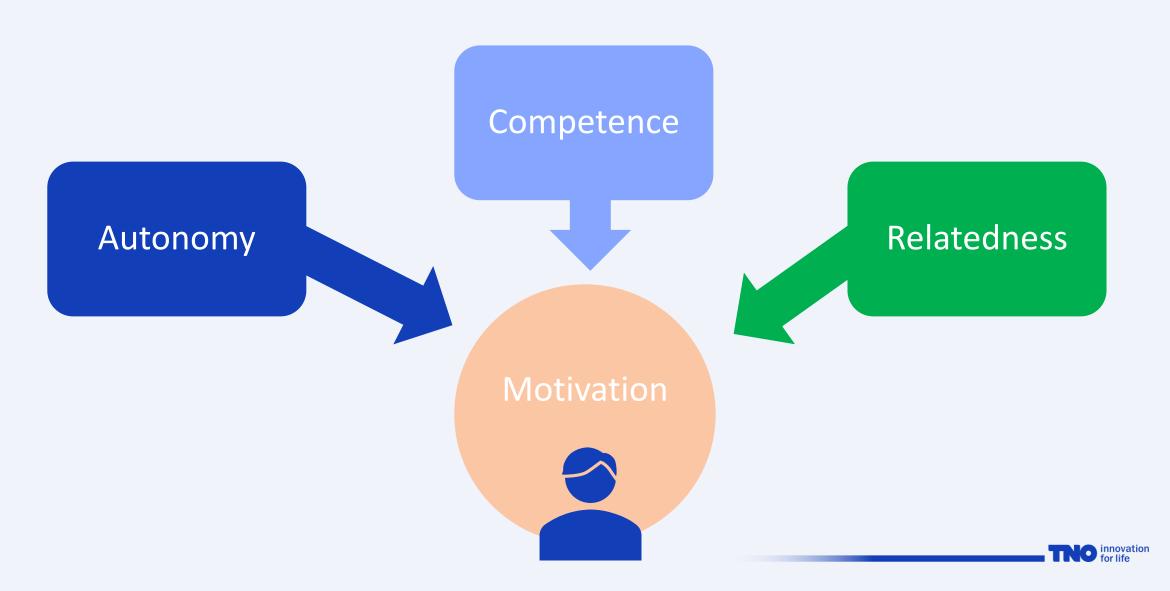


Benefits of lifelong learning for individuals





Self-determination theory for individual motivation



Symbiotic relationship







TNO model for learning and innovative organizations

Employee

Motivation
Engagement
Learning capacity
Innovative capacity



Task

Autonomy
Task variety
Challenging tasks
Time for reflection

Colleagues and supervisors

Culture of safety
and trust

Support and feedback
from colleagues

Sharing knowledge

Supervisor support

Organization

Long term vision on development
Strategy
Transparancy

Surroundings

Interaction with other companies, customers, and education













Trends in autonomy for employees in The Netherlands

- Autonomy at work is stable over time
- Large differences between groups
- Source: <u>Netherlands Working</u> <u>Conditions Survey (TNO/CBS, 2023)</u>

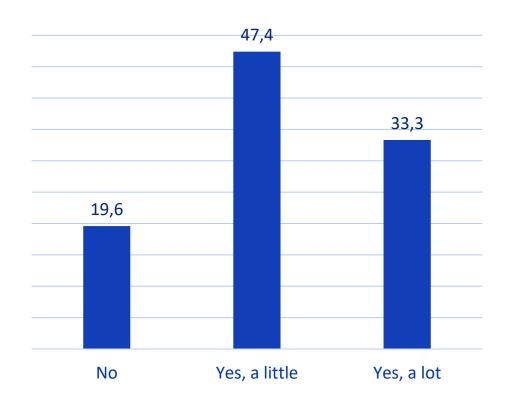




Supervisor support for employee development in The Netherlands

- One in three employees experiences a lot of supervisor support for their development
- Huge differences between groups
- Source: <u>Netherlands Working</u> Conditions Survey (TNO/CBS, 2023)

My supervisor actively supports the development of my knowledge and skills





Benefits of lifelong learning for organizations







Better fit between employee skills & job













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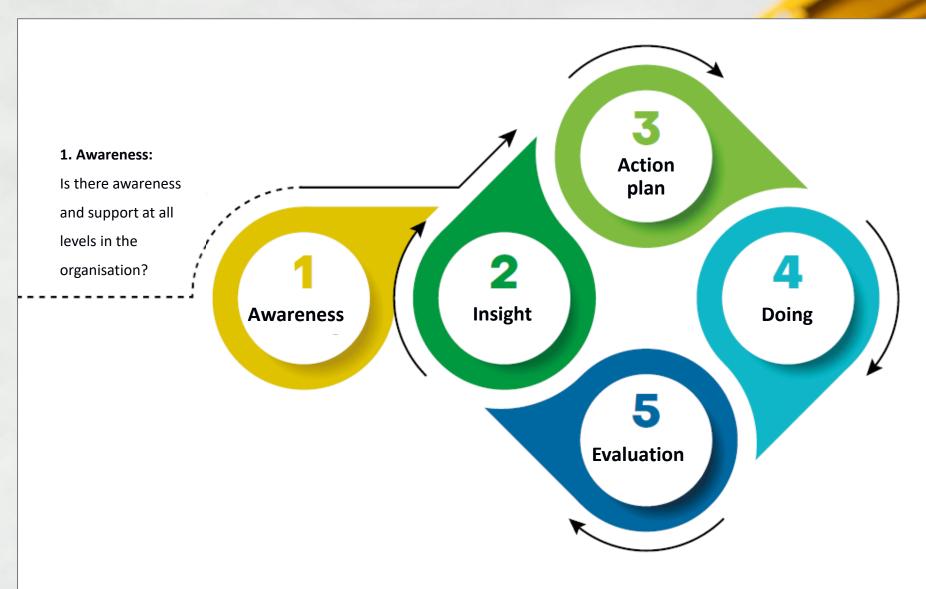




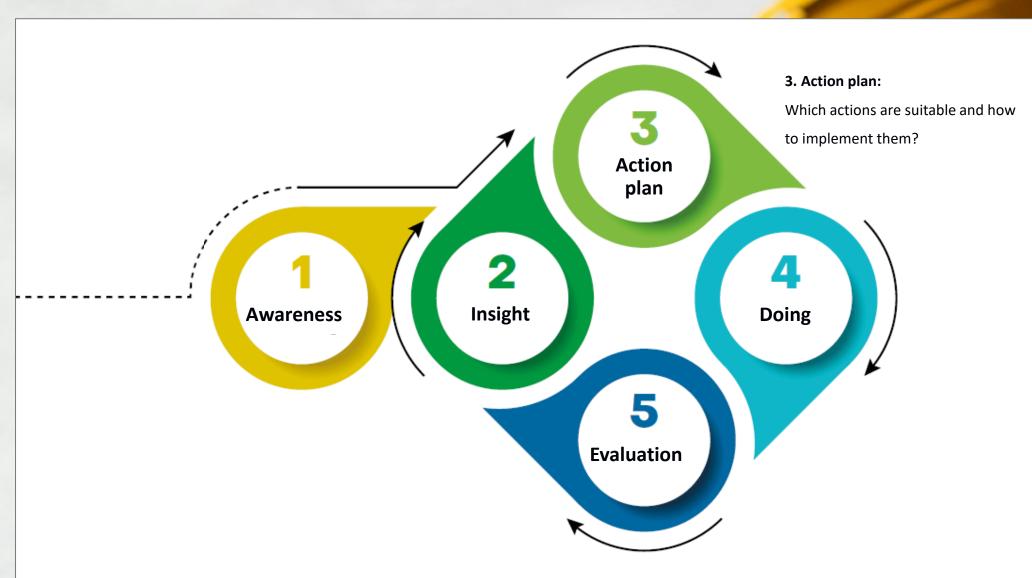


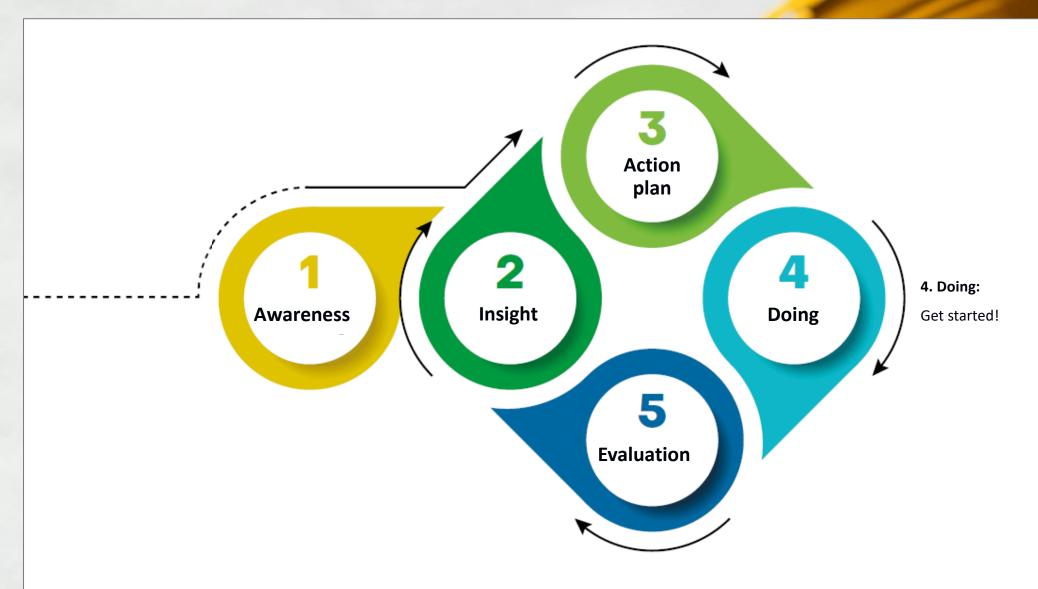














Practical example





Training new employees:

- Knowledge and skills sessions
- Learning on the job
- Individual coaching
- Intervision sessions







Practical example





Supervisor development:

- Theory & knowledge
- Coaching skills
- Organisational support
- Learning from each other









Thank you!



Want to know more?

TNO Wegwijzer Lerende en Innovatieve Organisaties

Cijfers: Leercultuur Monitor (TNO/SER)

TNO model voor Lerende en Innovatieve Organisaties

Quickscan Leercultuur: www.mijnleercultuur.nl

