

Hidden Competences

- is society and working life able to identify and utilise the learning outcomes from international experiences?

Mika Saarinen Finnish National Agency for Education EDUFI



7.12.2018





- From the beginning of 2017 Finnish National Board of Education and Centre for International Mobility CIMO merged to form the Finnish National Agency for Education (EDUFI)
- We are the national development agency for education and training, early childhood education and lifelong learning and for promoting internationalisation in Finland
- Independent legally under Ministry of Education and Culture
- Personnel 370 + 50 in two separate sub-agencies
- Director General Olli-Pekka Heinonen



we create trust through openness

we reinvent ourselves for the benefit of the learner



Our vision

Everyone can grow to their full potential

we design solutions together

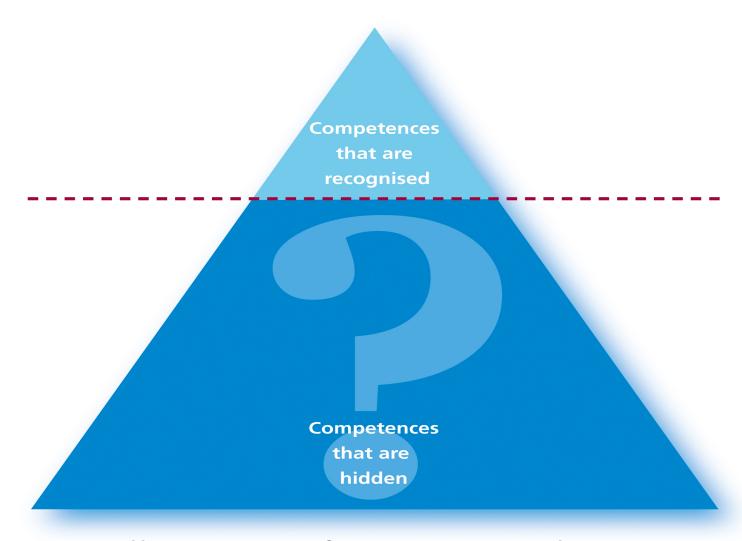
we walk the talk

The Hidden Competence -study

- A joint research project between CIMO (since 2017 EDUFI) and DEMOS Helsinki (a Finnish think-tank) in 2012-2013
- Investigating the importance of international experiences to a changing society and the future of working life
- The project comprised:
 - Expert and gatekeeper workshops
 - Expert interviews
 - A survey for students and employers
 (283 Finnish employers and 1770 students took part)
- Final report "Hidden Competences" in spring 2013 → an English version was published in summer 2014, see www.cimo.fi/hiddencompetences

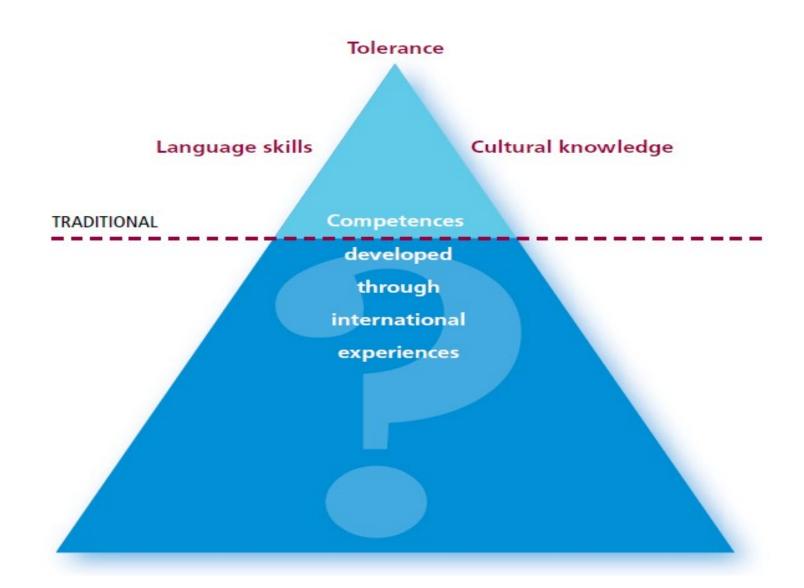
Why?

- For Finland, international cooperation has always been a possibility, as well as a necessity.
- The Finnish society is far more international now than it was 30 years ago.
- The global world requires a new type of know-how that is, by default, global in its fundamental set-up.
- Skills, traits and attributes developed through international experiences are not yet recognised by employers in a comprehensive way.



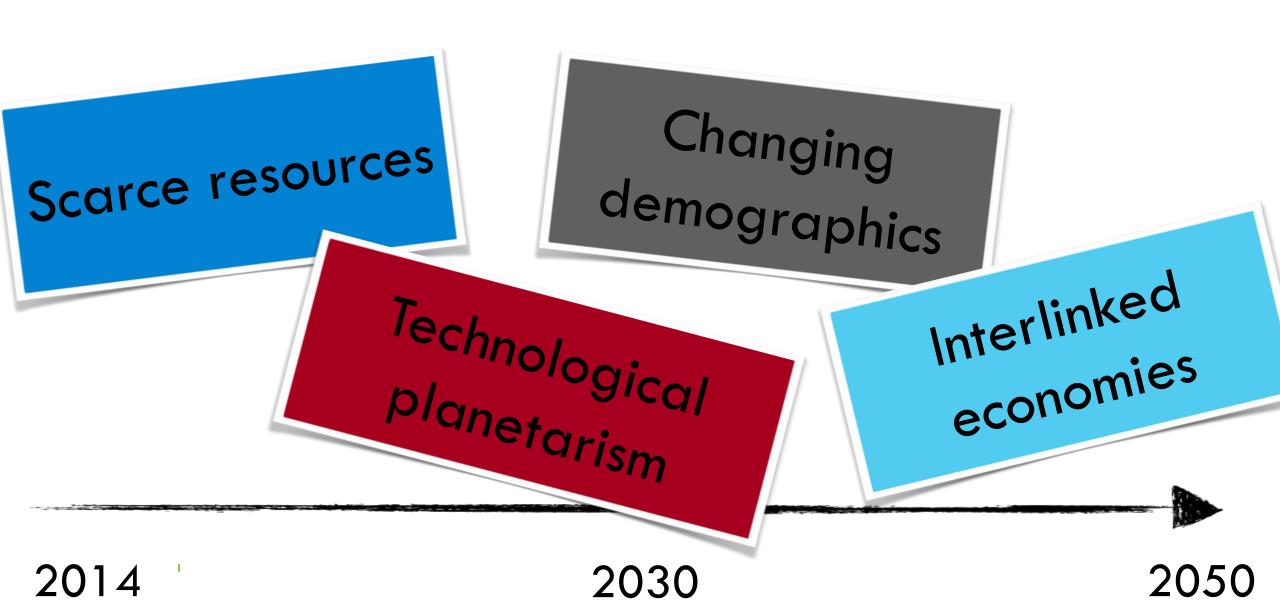
Only a small portion of international competences are currently recognised.

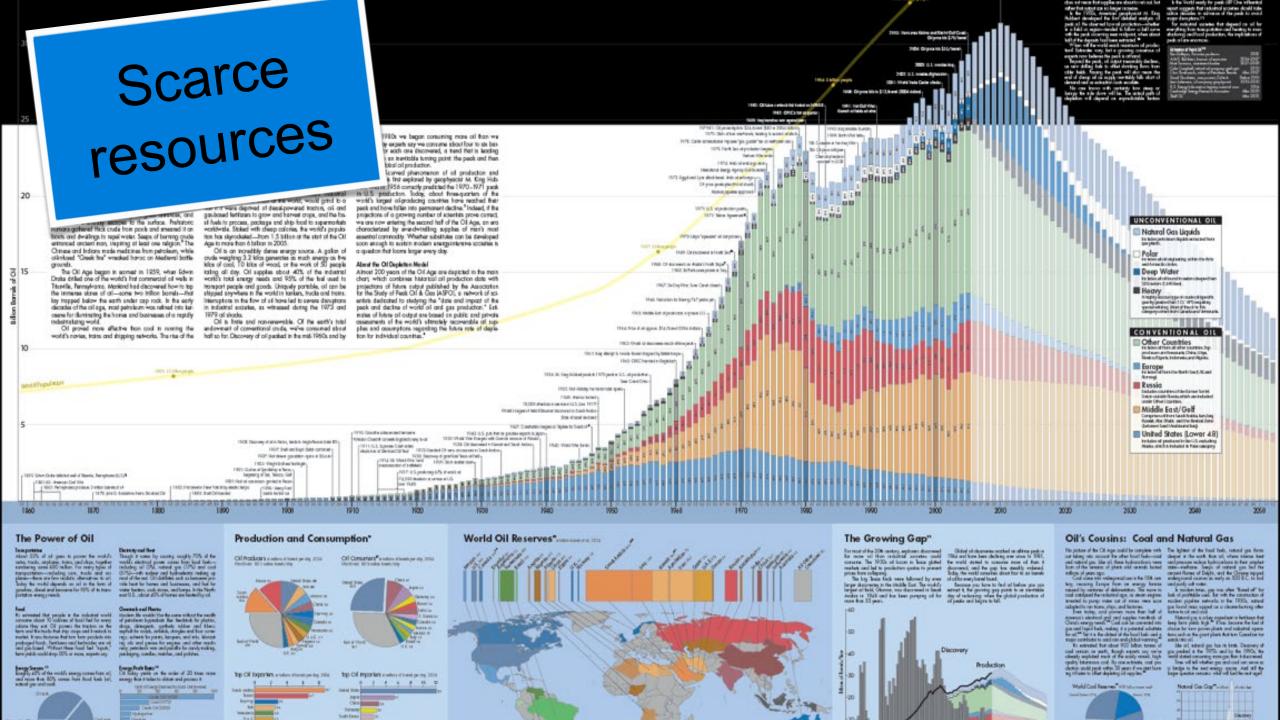
What are international competences?





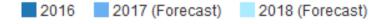
GLOBAL MEGATRENDS

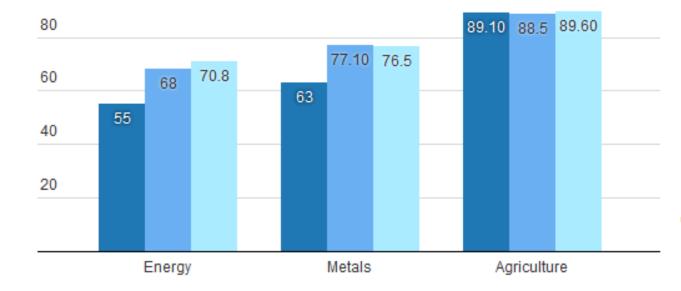






Commodity prices are expected to stabilize in 2018.





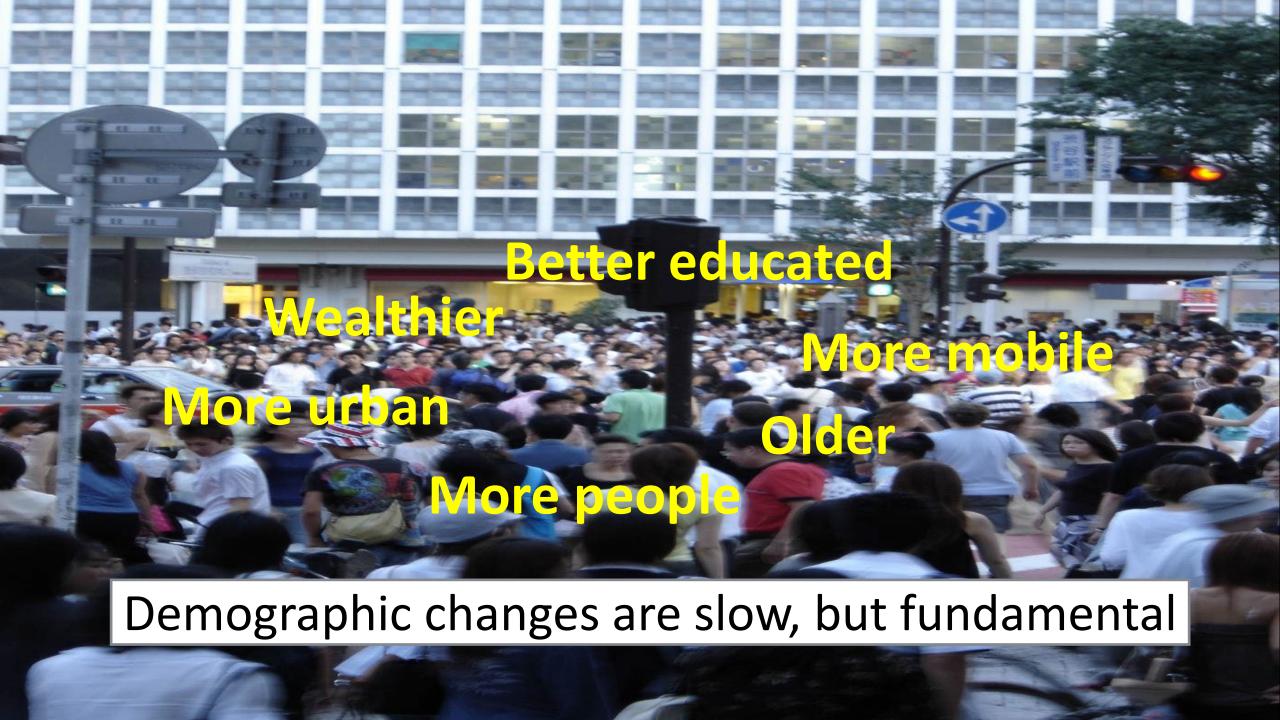
Source: World Bank

China has become the world's predominant metals consumer



Source: World Bureau of Metal Statistics.







Disruption and exponential growth

Time until 50 million users:



Phone

75 years



Car

62 years





Television 14 years



Internet



Spotify 8 years



Netflix 7 years



Twitter 19 months



Pokemon Go 19 days





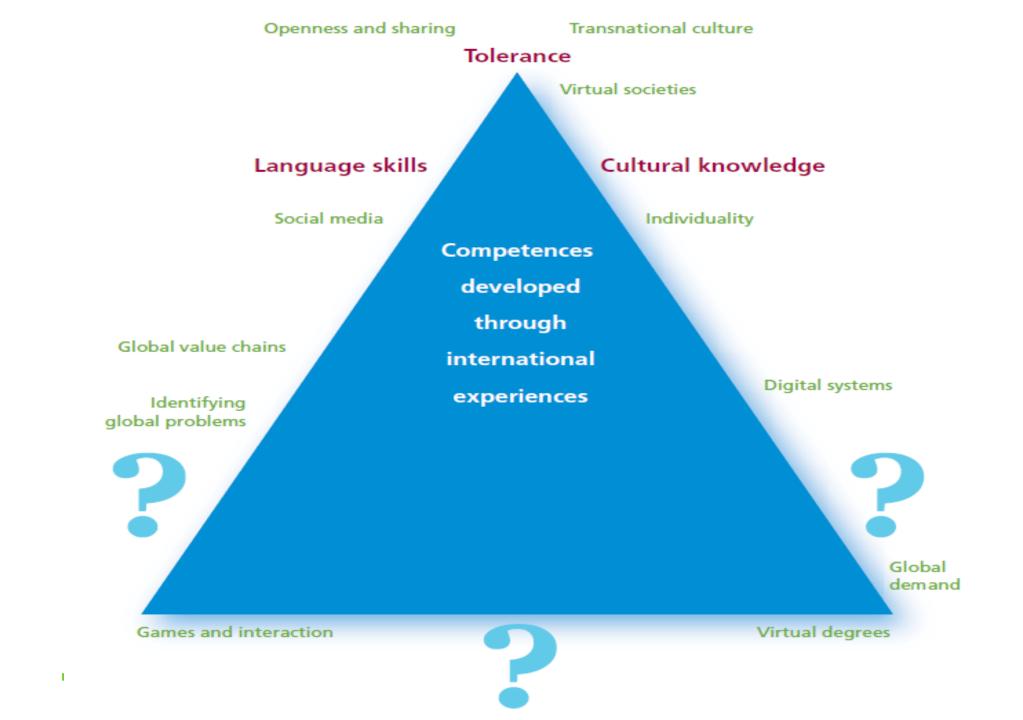
As China's Economic Picture Turns Uglier, Beijing Applies Airbrush

Edward Wong and Neil Gough Thursday, 25 Feb 2016 | 11:12 AM ET

The New Hork Times



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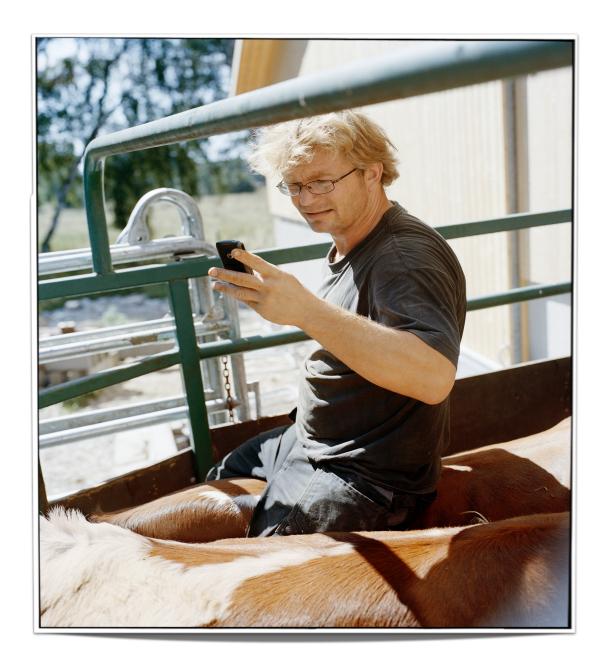
Traditional understanding of international experience

- Language skills
- Wide networks within one's field
- Understanding of international business
- Ability to work with multiple people
- Having lived or studied abroad

Extended understanding of international experience



- Ability to think outside one's sphere of experience
- Broad networks also in different fields
- New abilities and skills during free time
- Works with diverse groups of people regardless of language or location
- Follows global media



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The survey results: a brief overview

- Total of 2056 responses
- Nationally representative
- Also adequate regional coverage in Finland

 Students from secondary-level VET and higher education

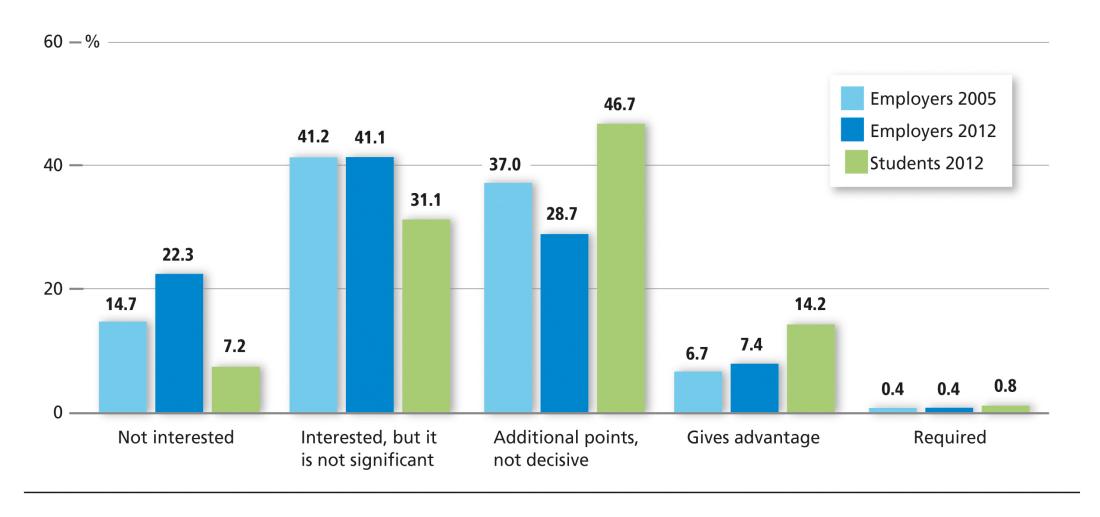
Employers from a great variety of sectors

Over 80 % of both students and employers feel that being international is a positive outlook.

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However, it matters little when recruiting...

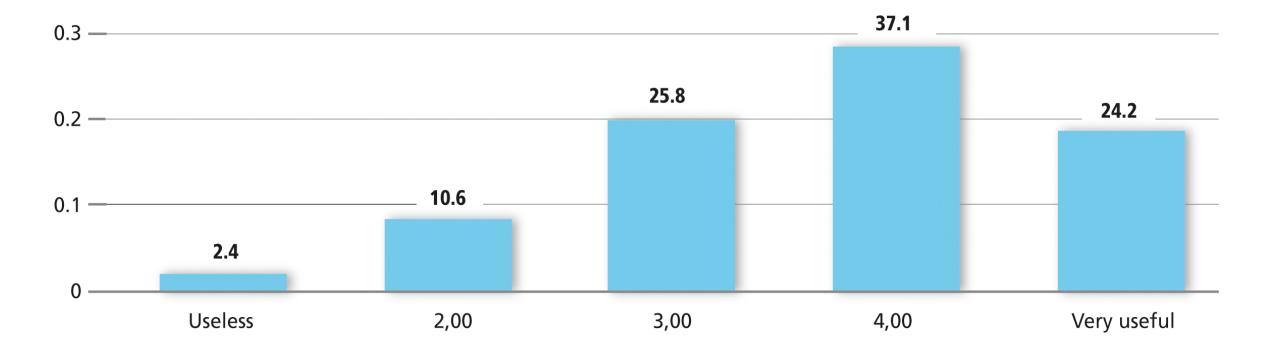
How international expertise matters in recruitment, %

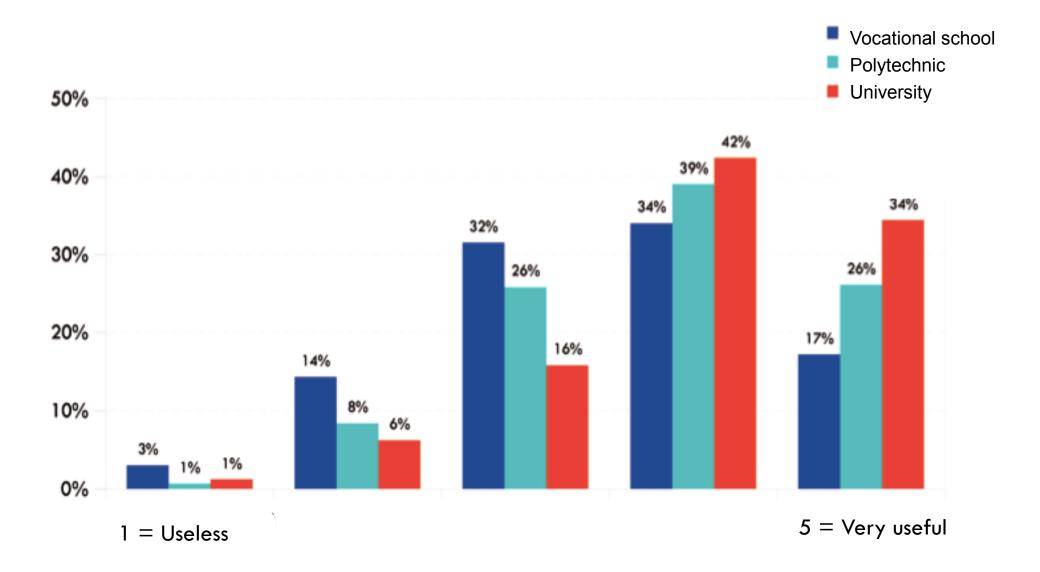


How students estimate the usefulness of international expertise in future working life, %



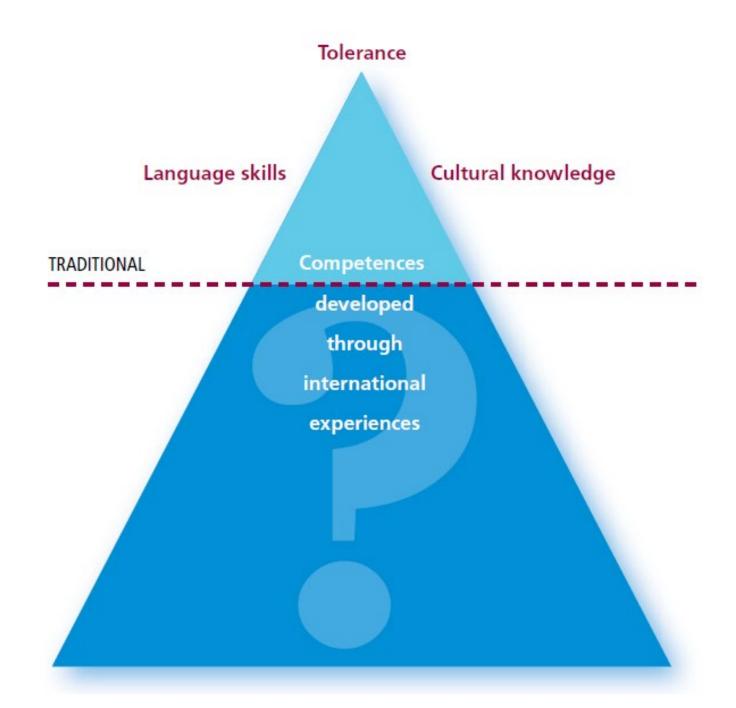


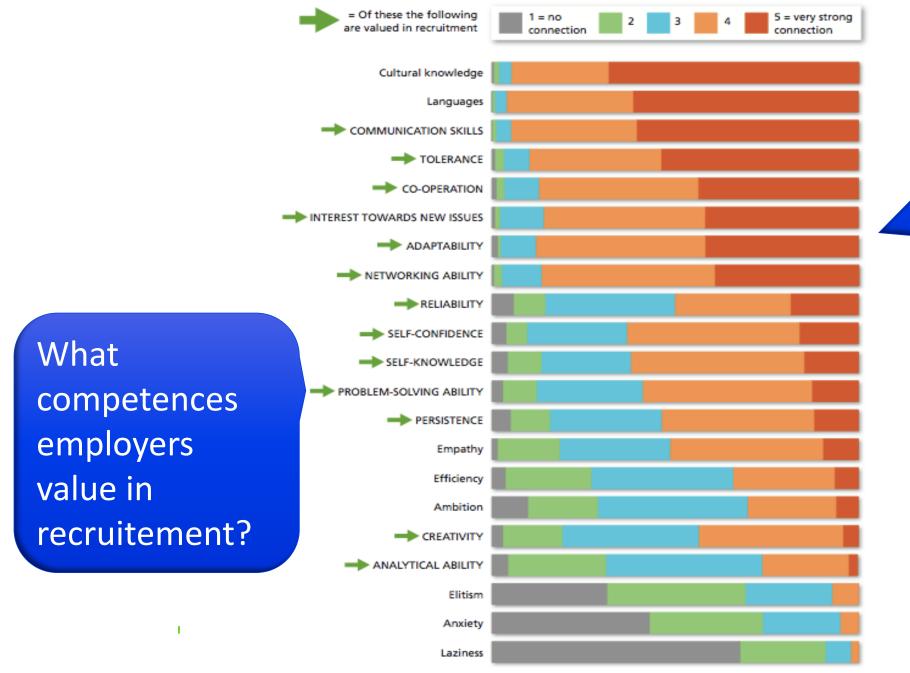




How students estimate the usefulness of international expertise based on level of education.

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What attributes employers link to international competences?

Could international competences actually work as an indicator to recognise a wider set of skills and competences?

Three ways of understanding international expertise

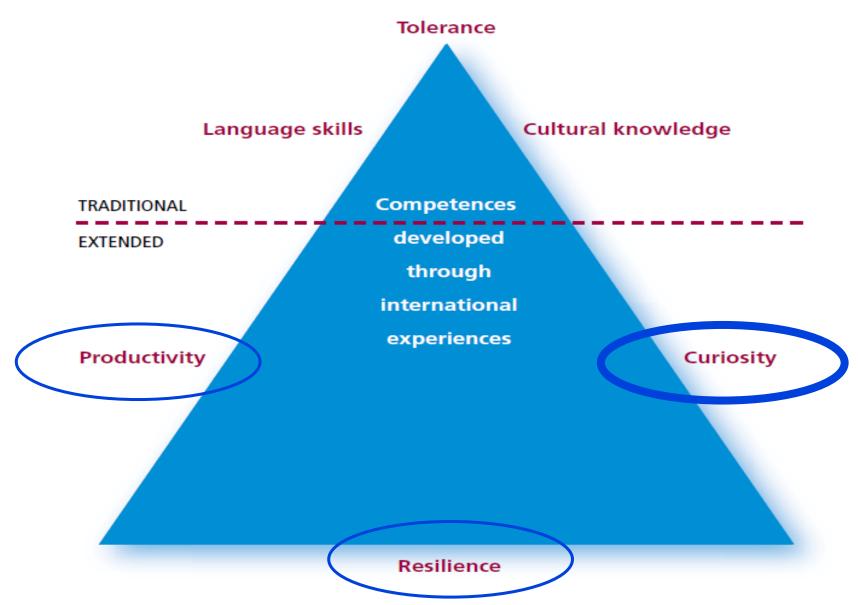
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New approach:

Factor analysis of the recruitement criteria and how they are linked to international competences

	Productivity	Curiosity	Resilience
Efficiency	0.77	0.03	0.08
Analytical ability	0.67	0.08	0.20
Problem-solving ability	0.58	0.31	
Reliability	0.57	0.13	0.32
Creativity	0.35	0.31	
Tolerance		0.66	
Interest towards new issues		0.60	0.45
Cultural knowledge		0.53	
Co-operation	0.47	0.52	
Adabtability	0.32	0.51	0.38
Networking ability		0.47	
Communication skills		0.45	0.24
Languages		0.40	
Self-awareness	0.30	0.20	0.84
Persistence	0.53	0.20	0.54
Self-confidence	0.37		0.43
Empathy		0.31	0.34
Anxiety		-0.11	0.05
Elitism		-0.02	
Ambition		0.11	
Laziness		-0.17	



From Hidden to Visible Competencies

Conclusions for Students / Institutions / Employers:

- Better understanding of transversal skills and competences
- The key role of international experiences in developing those competences
- ❖ Better articulation and communication of these competences
- A revision of learning outcomes based on an extended understanding of international competence

A new era of skills

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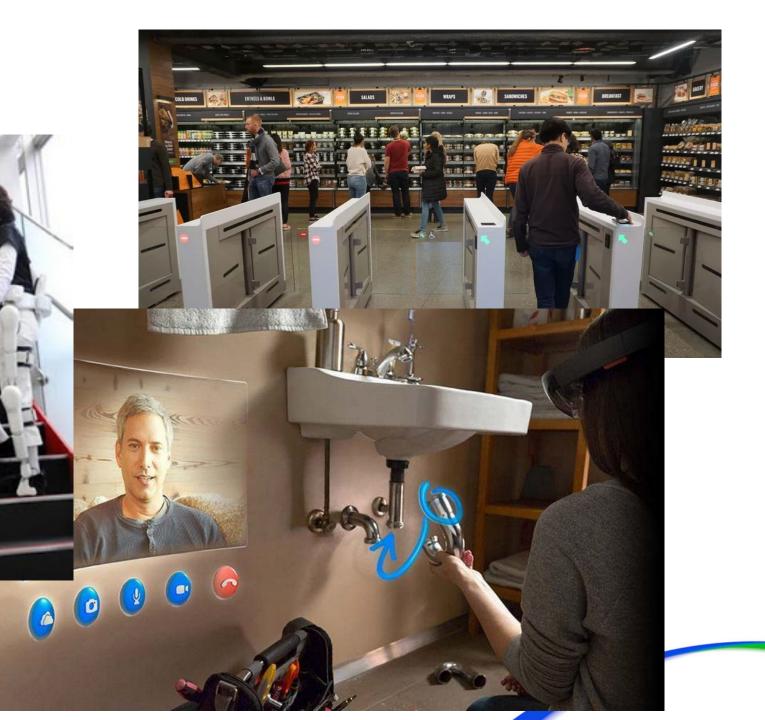
A rapidly changing world

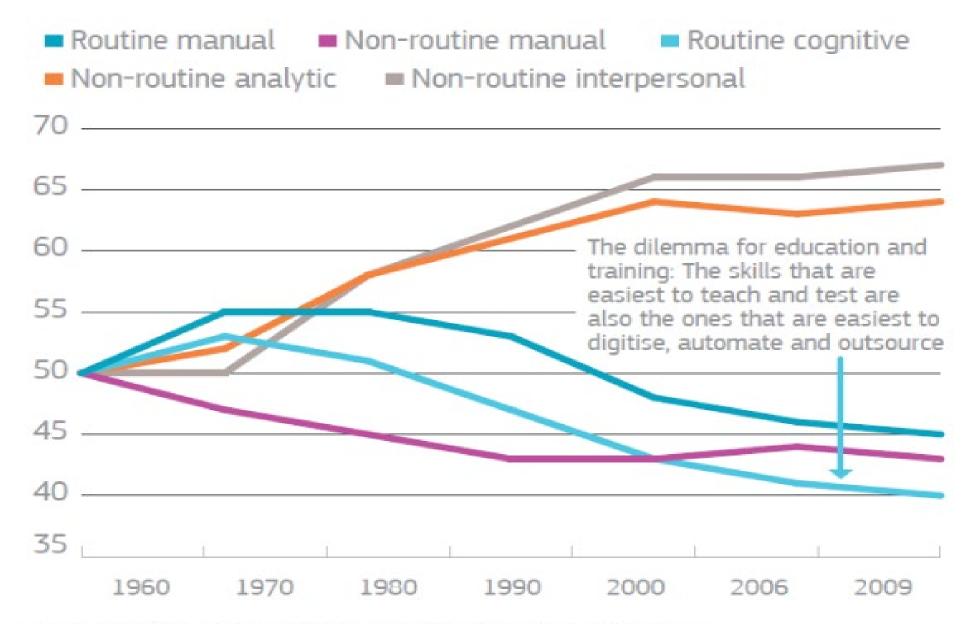
"By one popular estimate, 65 % of children entering primary school today will ultimately end up working in completely new job types that don't yet exist"



Source: World Economic Forum 2016. The Future of Jobs. Employment, Skills and Workforce Strategy for the Fourth Industrial Revolution

Digitalisation and automation





Trends in Routine and Non-Routine Tasks in Occupations, United States

Competiveness in the late 1990s



Competiveness in the late 2010s



What is the competition about?

What type of expertise is needed?

Which actors are essential for competitiveness?

How do companies relate to well-being?

How is the appeal of areas and locations born?

Efficiency, innovations

Ability to multiply and scale models

Creative class

Financing state economy and spreading material well-being in the societies

Technology, tolerance and skilled people

Problem solving, innovations

Ability to understand systemic change and design scalable solutions

Curious class

Solving wicked problems

Trust, curiosity and skilled people

In society, curiosity...

- Helps bring hidden competences to use
- Makes transitions between different industries and jobs descriptions easier
- Helps connect global megatrends to one's life and work
- Highlights diverse motivations
- Supports life-long learning



International experience and related competence seems to be a way for identifying curious, productive and resilient people

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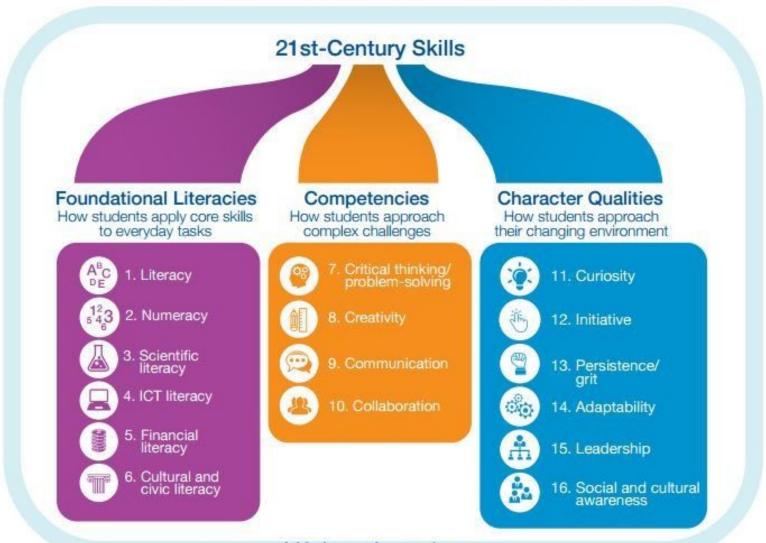
those who are interested in the world and have capabilities to improve our well-being and economies.

Steps towards a curious society

- Individual motivation and inspiration utilised in education and work life gatekeepers for motivation-based learning
- Instead of one-track to international experiences, many younger people are international by default.
- In the world full of information, the significance of curiosity emerges individual and collective initiatives need support.
- Collaboration is the surest way to bring hidden competences to use.
- Connecting solving global challenges and peoples' skills and motivations is the key to the well-being of individuals and also our societies of tomorrow.

Also others have now picked up on future skills?

Exhibit 1: Students require 16 skills for the 21st century



Lifelong Learning

What have we done in Finland?

Other materials in Finnish and English (some parts):

- The website www.cimo.fi/hiddencompetences
- A brief, fun Facebook-test to raise awareness and spread the message
- An Instagram account for marketing
- Help and tools for students in secondary schools, vocational schools and universities
 on how to desrcribe their competences, produce more informative CVs and do better
 in interviews
- Materials for guidance practioners on how to work with international competences
- Seminars and lectures for employers, followed by an information campaign
- In 2016-17 a further study on 'international talents' and SMEs http://www.cimo.fi/newcompetence

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Thank you!

www.cimo.fi/hiddencompetences

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