SUSTAINABLE ENGINEERING EDUCATION IN ICT
DISCUSSED IN THIS PRESENTATION

What I wish to present:

• Why sustainability in ICT matters
• The state of sustainability & ethics in engineering education
• What we should do about it

About me:

• Engineering Sustainability @ TEK
• M.Sc. (Tech) from Tampere University
Technological ‘solution’

Unexpected problems

Source: twitter/Jussi Pasanen (@jopas)
ALL n=1783

1 = Not at all (important)
2 = Very little
3 = Little
4 = Somewhat
5 = Much
6 = Very much
7 = Cannot answer

Source: https://www.tek.fi/fi/uutishuone/tutkimukset/vastavalmistuneiden-palautekysely
Development of expertise & skills from STUDIES; CHANGE TRENDS

- Digitalization & Data
- Career management
- Ethicality
- Sustainable development
- Self-confidence
- Self-knowledge
- Application of theories
- Social skills
- Working life skills
- Written communication
- International work environment
- Critical thinking
- Problem solving

2011 2015 2018

LESS
MORE
Seven Ways to Think Like a 21st-Century Economist
Which do you want to be?

https://www.electronics-tutorials.ws/sequential/seq_2.html
THANK YOU! JUSSI-PEKKA.TEINI@TEK.FI