

- listed
- favourite
- status

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



@TEK_akateemiset





Fully Automated

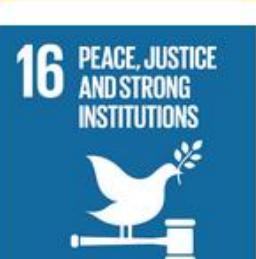
LUXURY

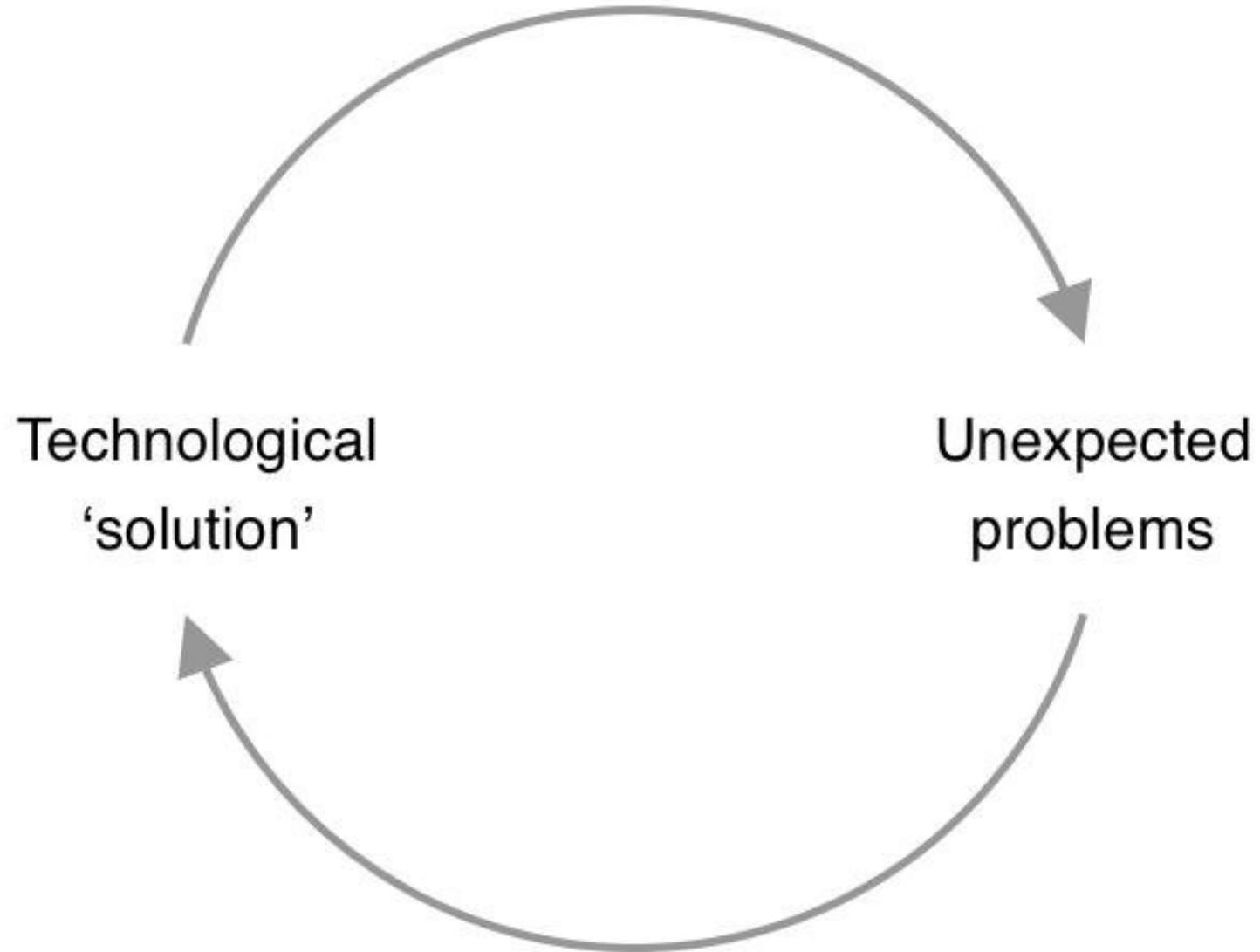
GAY SPACE COMMUNISM







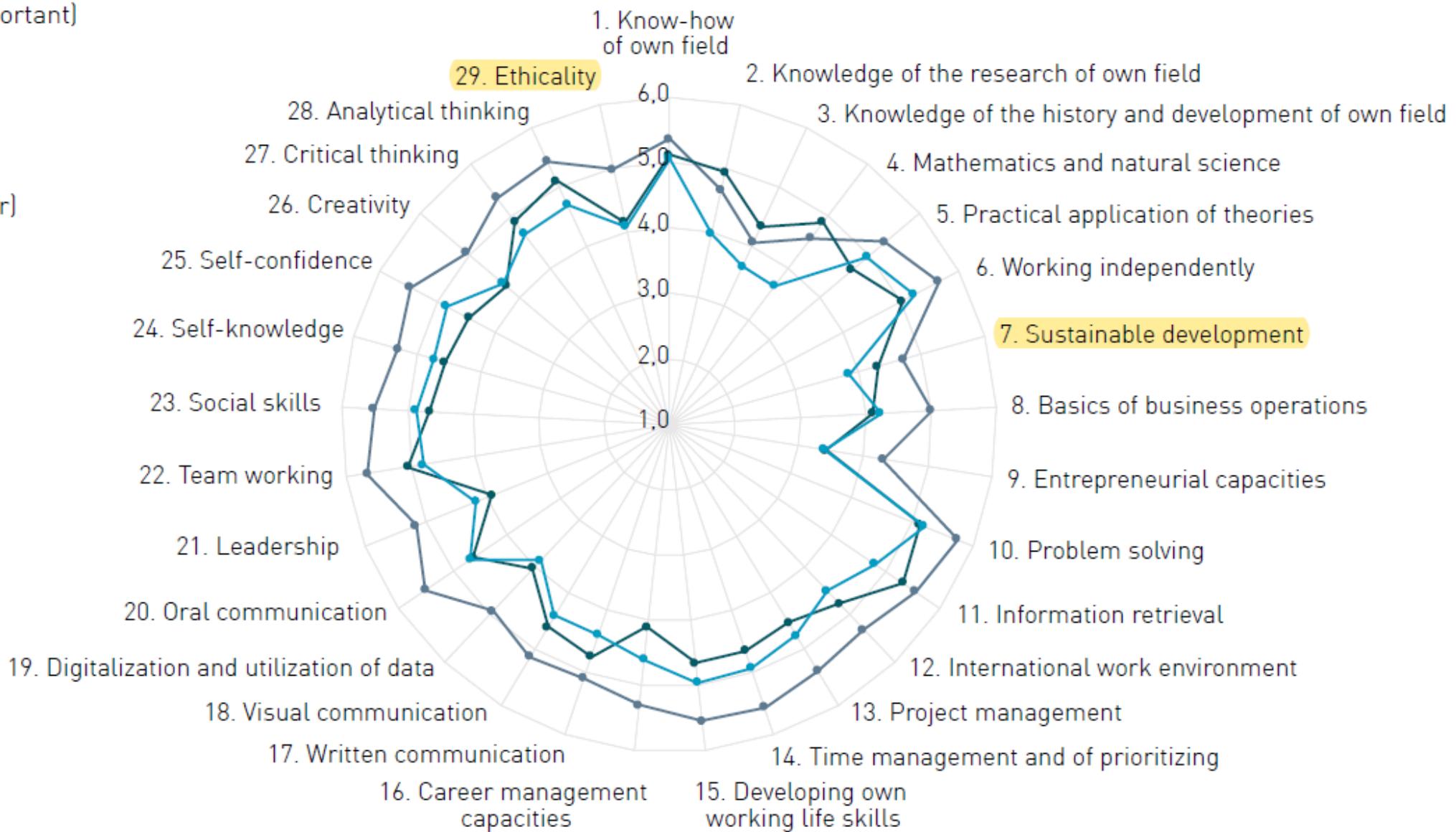
 <p>1 NO POVERTY A family of four people standing together.</p>	 <p>2 ZERO HUNGER A bowl of food with steam rising from it.</p>	 <p>3 GOOD HEALTH AND WELL-BEING A heart rate monitor line with a heart.</p>	 <p>4 QUALITY EDUCATION An open book with a pencil.</p>	
 <p>5 GENDER EQUALITY A male and female symbol with an equals sign between them.</p>	 <p>6 CLEAN WATER AND SANITATION A water drop falling into a container.</p>	 <p>7 AFFORDABLE AND CLEAN ENERGY A sun with a power button in the center.</p>	 <p>8 DECENT WORK AND ECONOMIC GROWTH A bar chart with an upward arrow.</p>	 <p>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE Three stacked cubes.</p>
 <p>10 REDUCED INEQUALITIES Two arrows pointing in opposite directions, one up and one down.</p>	 <p>11 SUSTAINABLE CITIES AND COMMUNITIES A city skyline with a small house in front.</p>	 <p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION An infinity symbol.</p>	 <p>13 CLIMATE ACTION A globe inside an eye.</p>	 <p>14 LIFE BELOW WATER A fish swimming in waves.</p>
 <p>15 LIFE ON LAND A tree with birds flying around it.</p>	 <p>16 PEACE, JUSTICE AND STRONG INSTITUTIONS A dove holding an olive branch standing on a scale.</p>	 <p>17 PARTNERSHIPS FOR THE GOALS A circular logo with four interlocking rings.</p>		



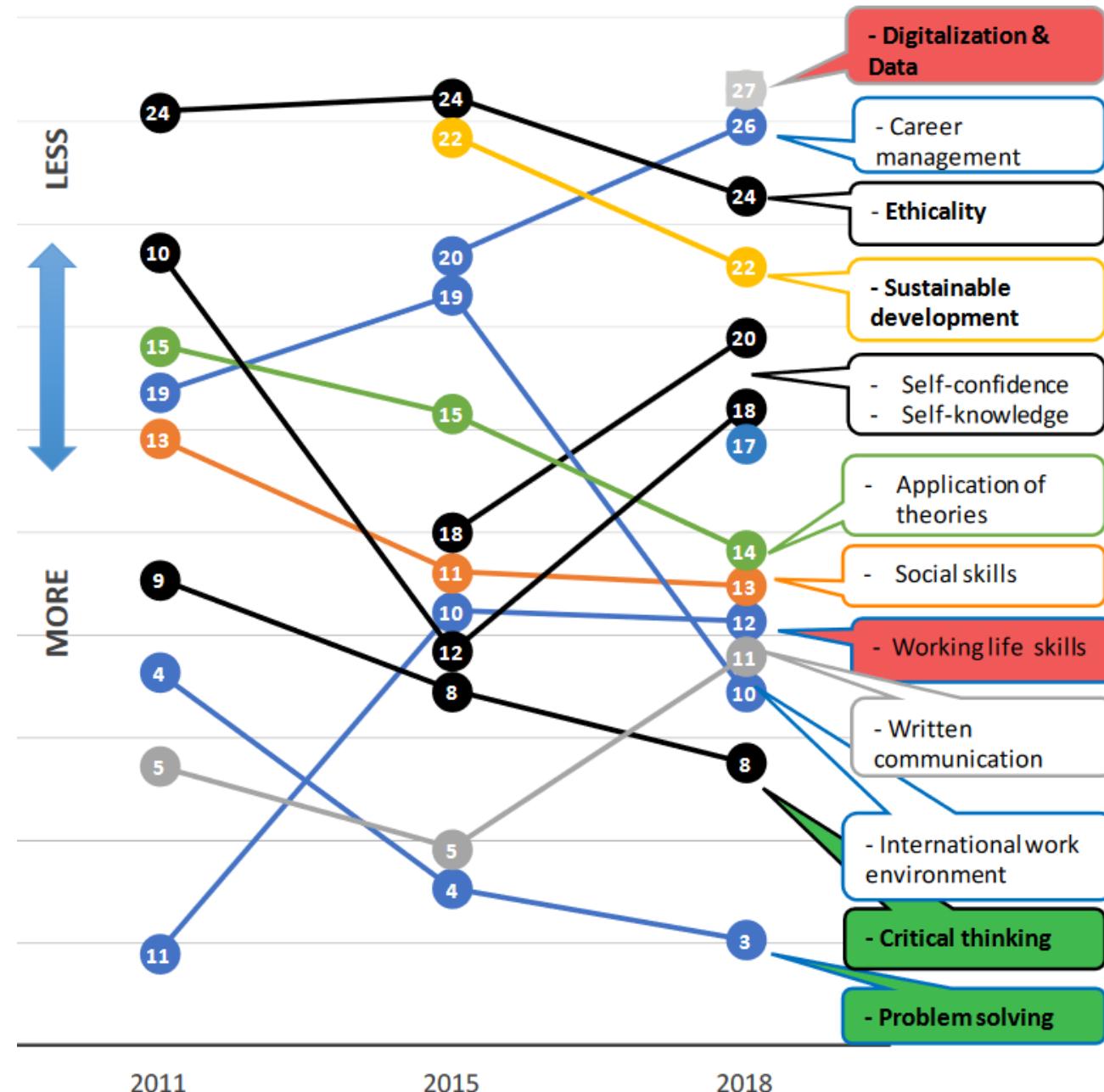
1 = Not at all (important)
 2 = Very little
 3 = Little
 4 = Somewhat
 5 = Much
 6 = Very much

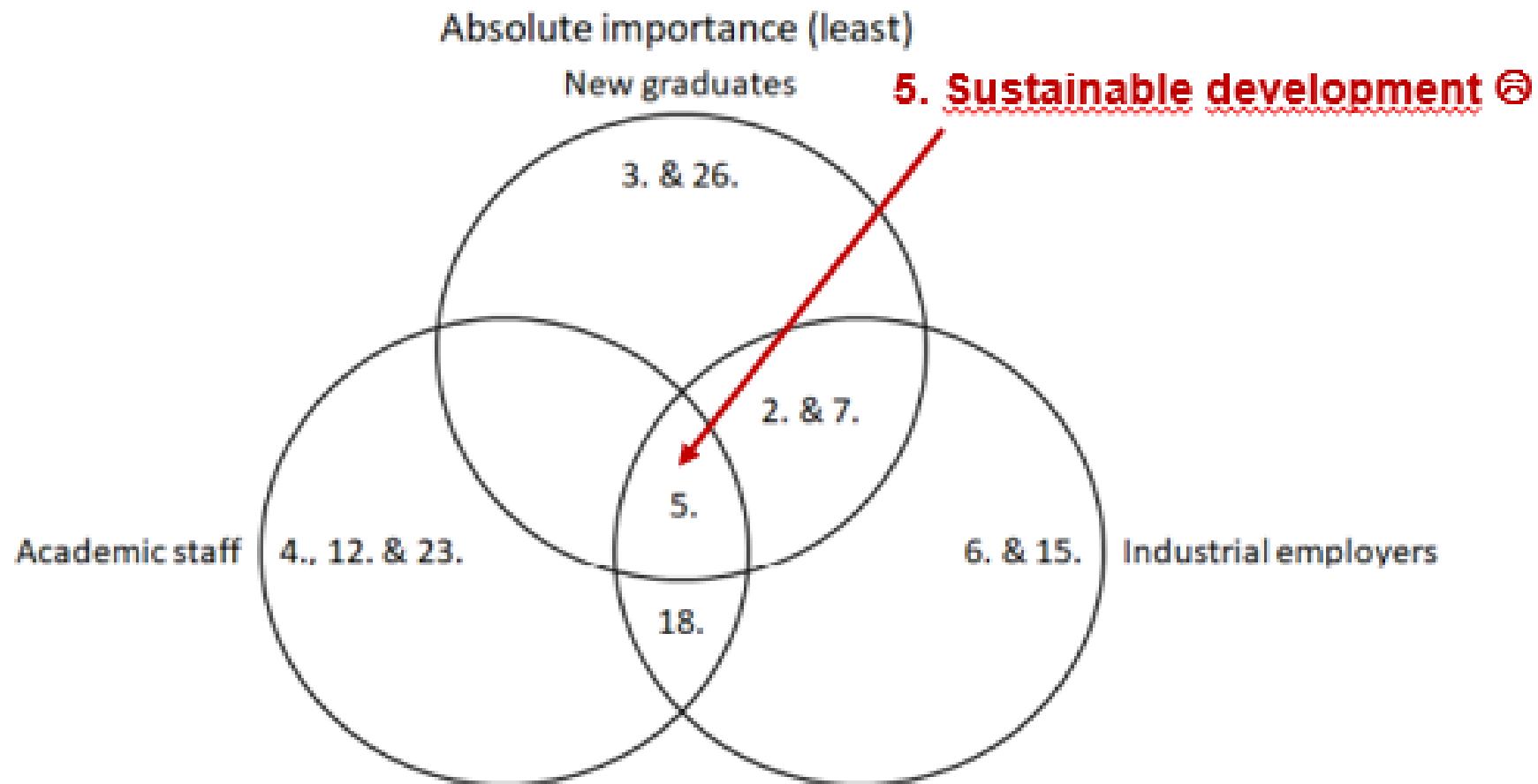
(7= Cannot answer)

- Importance
- Studies
- Work



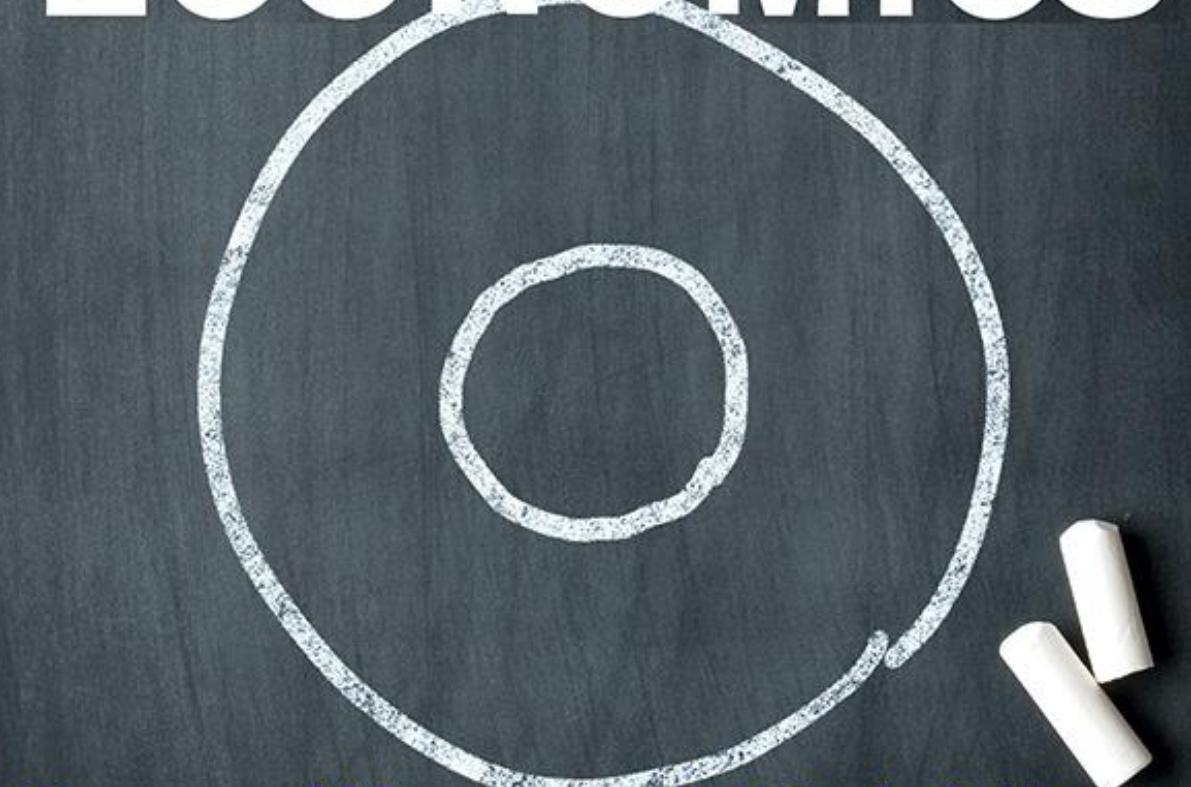
Development of expertise & skills from STUDIES; CHANGE TRENDS



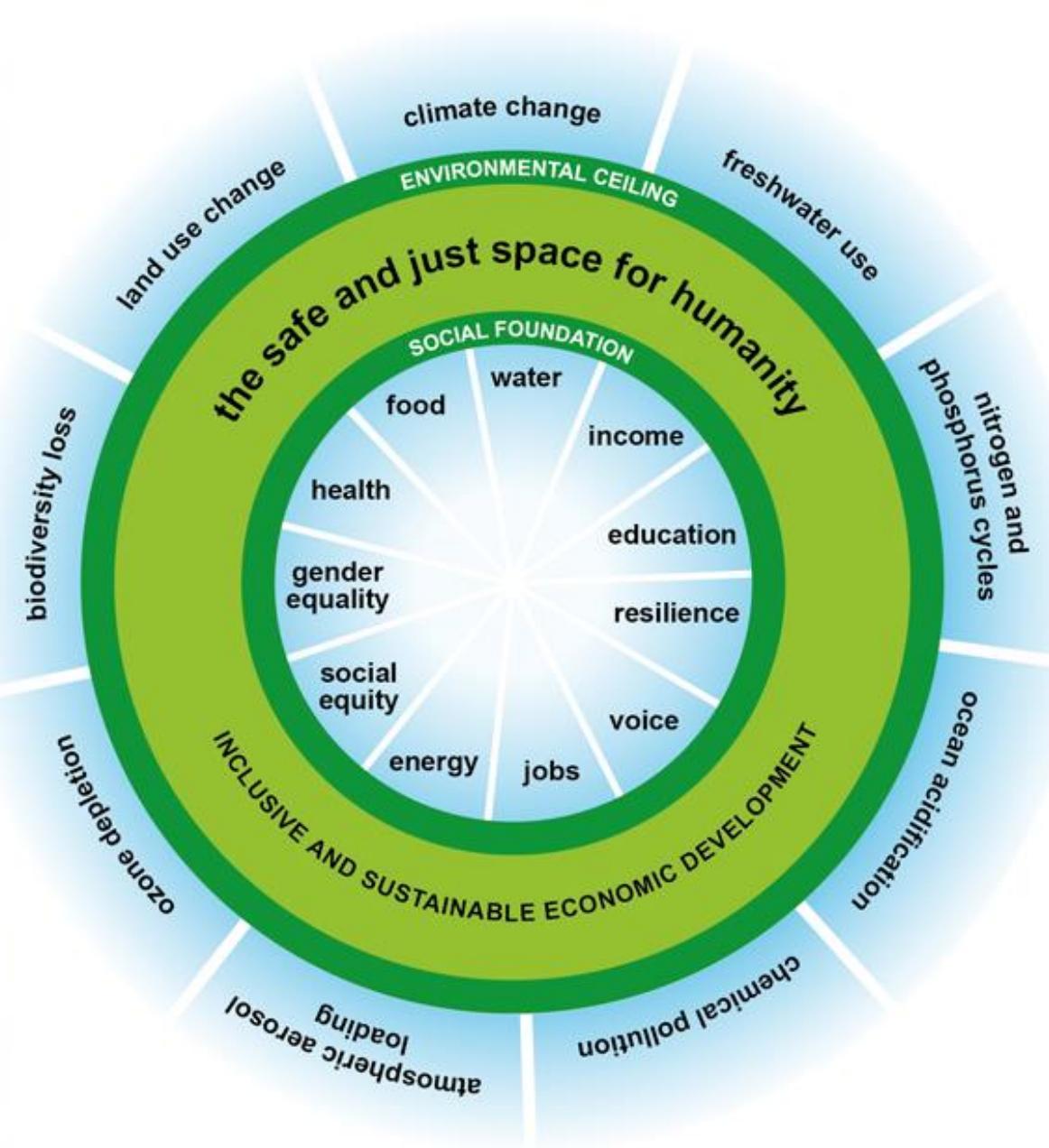


Source: Veli-Pekka Pyrhönen / TAU

DOUGHNUT ECONOMICS



Seven Ways to Think Like a
21st-Century Economist



FROM THE BESTSELLING AUTHOR OF *SAPIENS*

Yuval Noah
Harari



Homo Deus

A Brief History
of Tomorrow

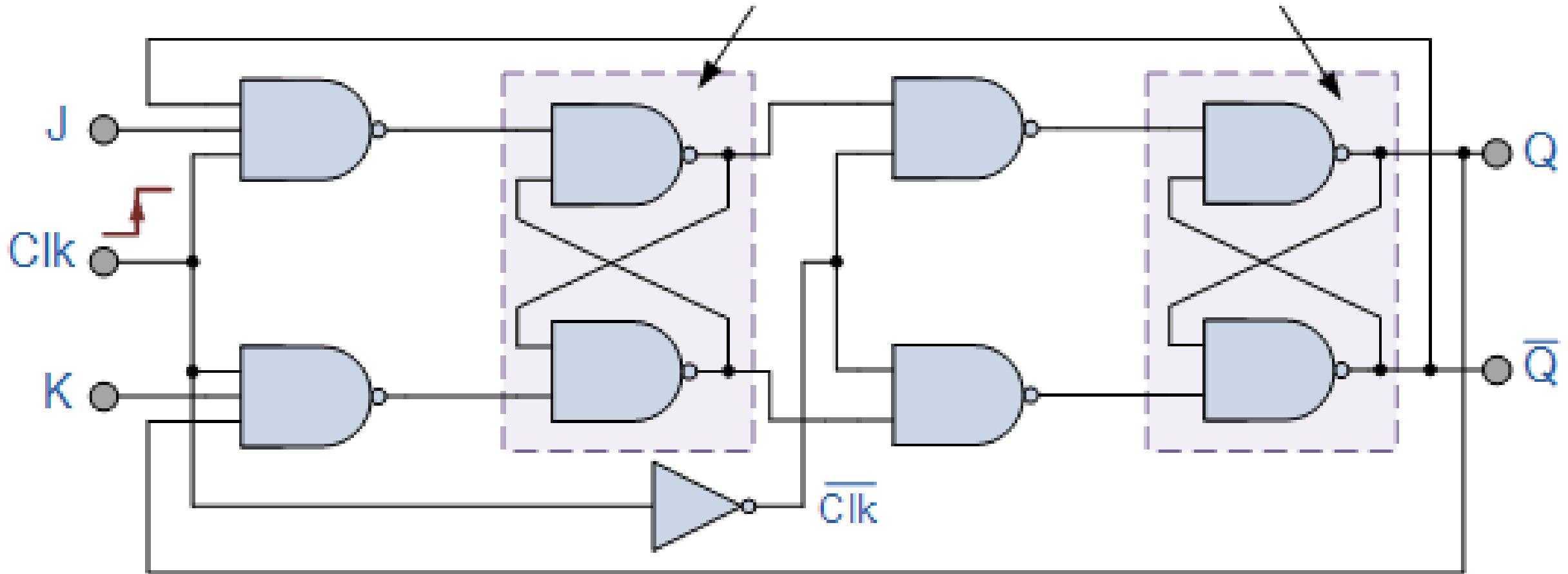
FROM THE AUTHOR OF *SAPIENS*

Yuval Noah
Harari



21 Lessons
for the
21st Century

Which do you want to be?





TEKNIIKAN
AKATEEMISET



THANK YOU! JUSSI-PEKKA.TEINI@TEK.FI