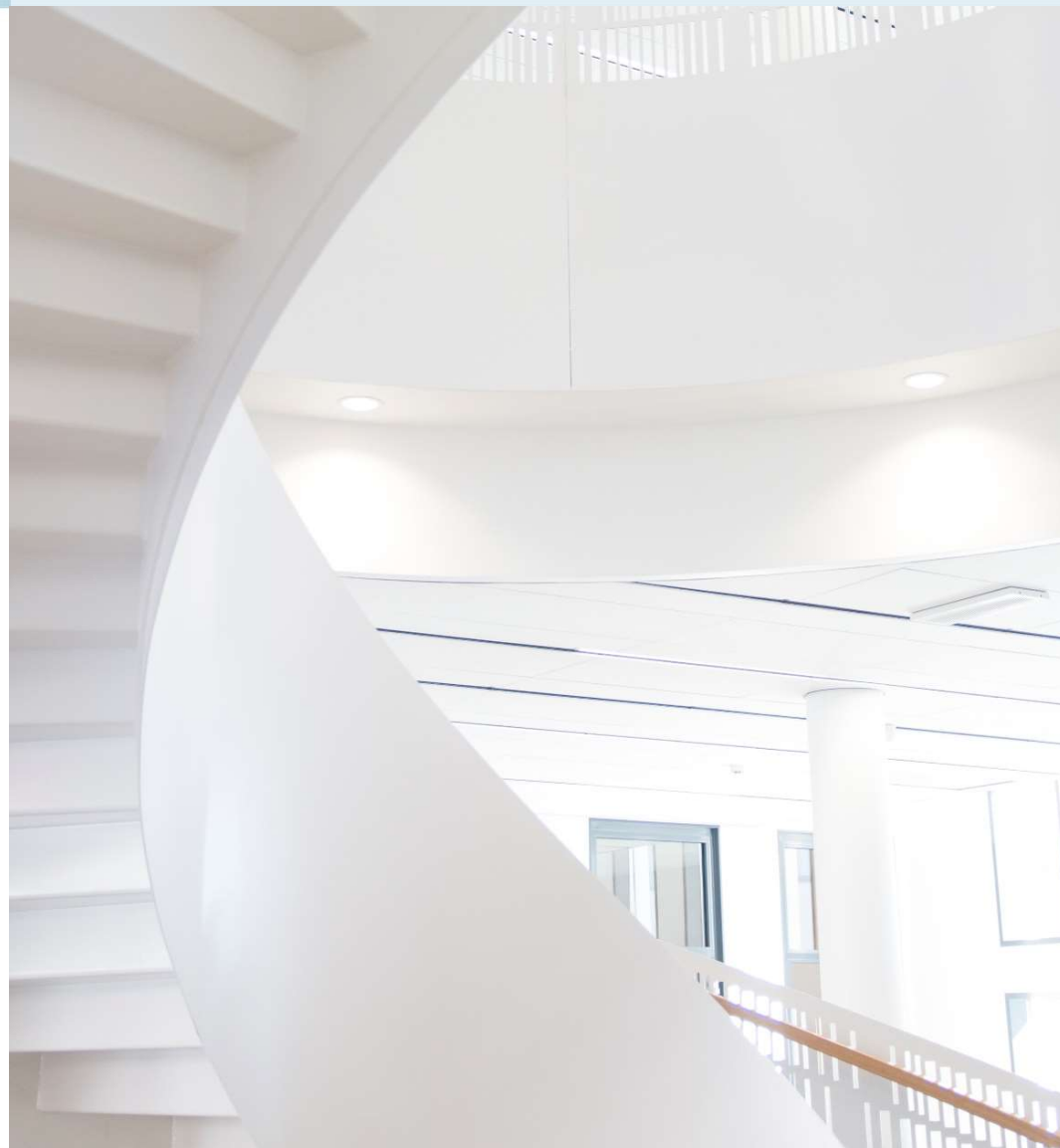


The knowledge path to sustainable growth in the circular economy

Dr Mona-Anitta Riihimäki

Dean, School of Bioeconomy

HAMK, Häme University of Applied Sciences



Participation

Education

Sustainable economy

Governance

Research

Participation

Education

Sustainable economy

Government

Research

Multidisciplinarity

Posthumanism

Sustainable development

Human rights

Society

Climate change

Diversity

Socialisation

Education

Ecosystems

Values

Solidarity

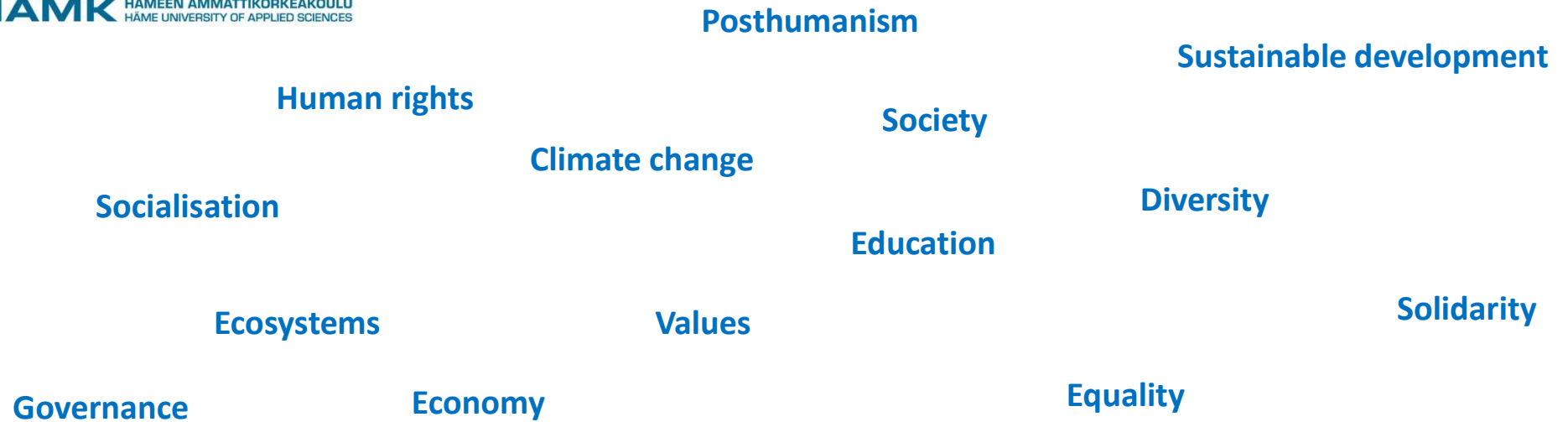
Governance

Economy

Equality



Hämeensanomat



We live in between two ideologies

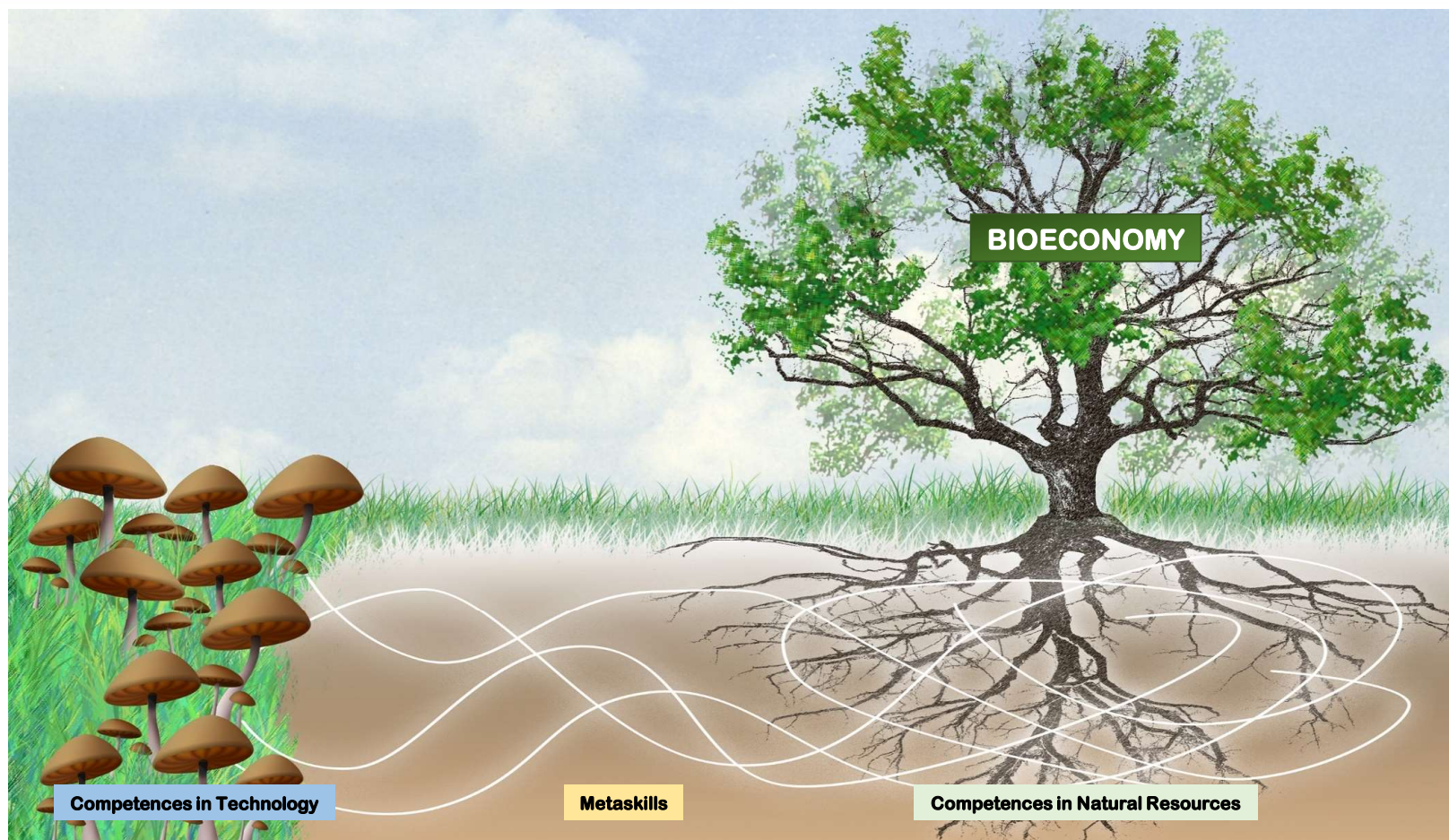
STANDARD OF LIVING
Materilistic values

QUALITY OF LIVING
Post-matearilistic values

Arto O. Salonen 29.5.2019

Case:

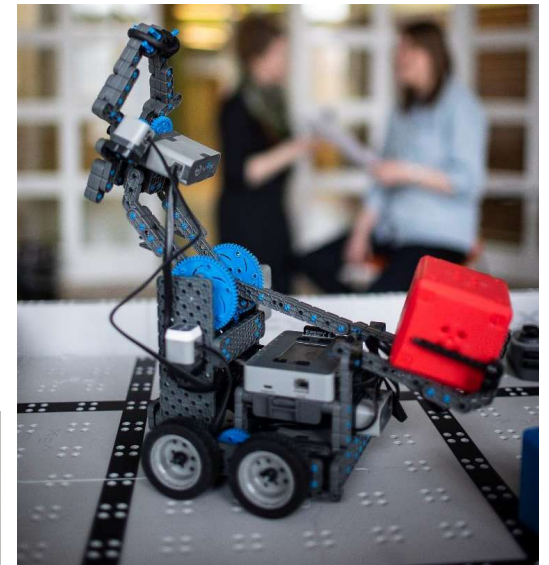
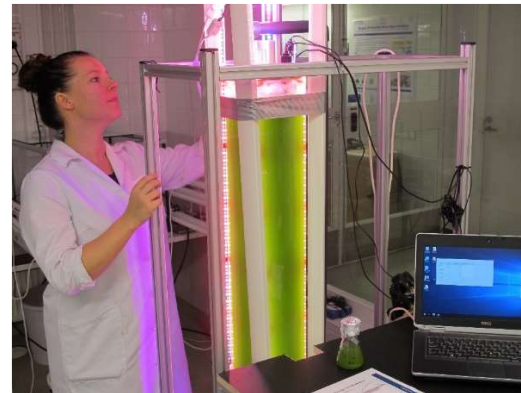
Bioeconomy engineering -
IT-technology meets circular
bioeconomy



Bioeconomy is a product of competences in technology and natural resources. It can be described as mutual symbiosis in forest ecosystem. Metaskills that enable transdisciplinary development, are presented with mycorrhiza. Processes in the nature (circles in the middle) and products of soil fauna activity (worms, Tardigrades and microbes), are referable to technological changes in society that mediate knowledge transfer (for example 5G).

Bioeconomy engineering programme will equip a student with information technology competences for the use of bioeconomy production and processing.

- Circular Bioeconomy
- IoT platforms
- Smart sensors
- Cloud services
- Smart Bioeconomy
- Mobile Applications
- GIS and smart logistics
- Data analytics
- 3D-modeling and printing



Recognize your competences and dare to be the best

