Bo Dahlbom

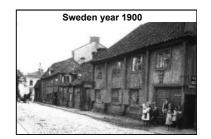
Professor and research director bodahlbom.se

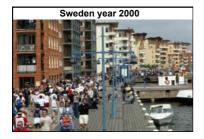
aktivering.se

sust.se

Staying Alive







Industrial Revolution

Oil











Data

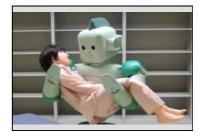
Digital Revolution

' Innovation

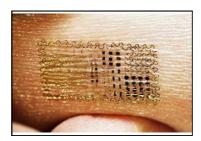






















New Players

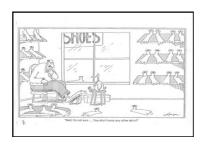








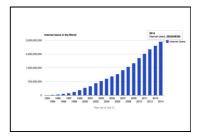








3 Internet







Social Internet

Social media, information, music, movies, media, networking, open innovation, prosumers, amateurs, DIY

o Dahlbom

Internet of Everything

Internet of Things, sensors, networks, smart grids, smart homes, smart bodies, smart cities, smart cars and transport, industrial Internet

Bo Dahlbom

4 Consumers



The future of work

Robots – automation, unemployment

Servants – lots of menial services

Inventors – health, space, geoengineering

Consumer economy, citizen income

Bo Dahlbom

A Consumer Revolution

Global consumtion drives innovation

Efficient consumption – consumtivity

The consumer as a model, as ideal

"Data is the new oil" – Clive Humby

Bo Dahlbon

Amazon.com

The everything store



5

Services

A Service Revolution

Healthcare online, smart bodies

Education online, flipped classrooms

Google Cars with Uber service

Industrial Internet, Facebook for engines

n. n.tn....

6

Resources

A resource revolution

Energy, machines, resources
Industrialisation, automation
3 billion new consumers by 2020
Resource efficiency with big data



Resource Efficiency

From craft to data science
Substitute scarce resources
Eliminate waste in all processes
Go circular, optimal, virtual

Bo Dahlbom

Go virtual

From goods to services

The automobile as example
Inefficient consumer product

Efficient consumer service – Uber

Bo Dahlboom
Bo Dahlboom

Small, Smart, and Fast

Mobile, micro, nano

Big Data, Articial Intelligence, learning, automatic adaption

Dynamic networking, fast solutions, innovations, exponential evolution

Bo Dahlbom

