| Bo Dahlbom |
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| Professor and research director |
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## Internet of Everything

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

## 4 <br> Consumers



| The future of work |
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| Robots - automation, unemployment |
| Servants - lots of menial services |
| Inventors - health, space, geoengineering |
| Consumer economy, citizen income |
| Bo Dathbom |


| A Consumer Revolution |
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| Global consumtion drives innovation |
| Efficient consumption - consumtivity |
| The consumer as a model, as ideal |
| "Data is the new oil" - Clive Humby |
| Bo Dahbom |

Amazon.com

The everything store


Healthcare online, smart bodies
Education online, flipped classrooms
Google Cars with Uber service
Industrial Internet, Facebook for engines

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| 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

Go virtual

From goods to services
The automobile as example
Inefficient consumer product
Efficient consumer service - Uber
Bo Dahlbom

## Small, Smart, and Fast

## Mobile, micro, nano

Big Data, Articial Intelligence, learning, automatic adaption

Dynamic networking, fast solutions, innovations, exponential evolution


