SCIENCE IS EVERYWHERE

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Take a CLOSER LOOK

- Independent Government think tank
- Rathenau Institute 30 years old
- Parliament and public and stake holders
- Science and Technology Assessment
- European and global network: EPTA, PACITA



Rathenau Instituut



Man and machine: intimate technology







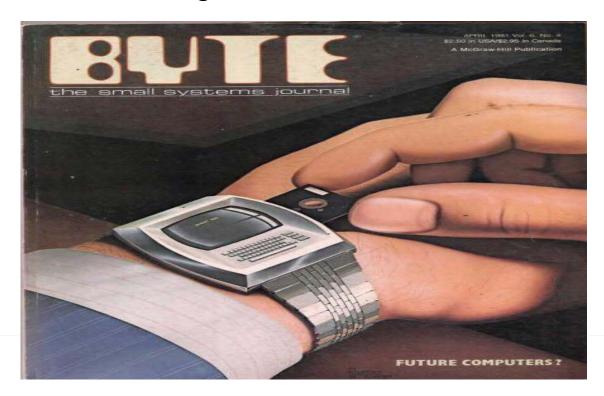
What is technology? Trade in bodyparts

- Human sustainability –
 after exploring the
 earth, now we explore
 man
- Your tissues, your data



Tipping points

Old: The invention that changed the world





New technology: Uber, Airbnb......

- Exponential vs linear
- Converging technologies
- Application of simple consumer software
- New players
- Irreversable
- New checks and balances
- Government vs governance?

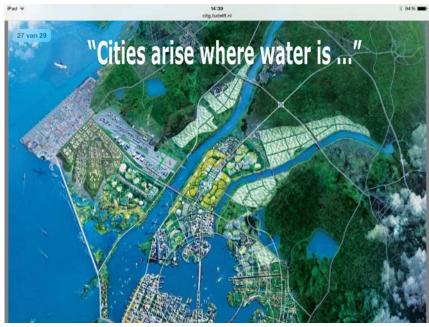


Technolgical or social change: Smart?

Uber



Meiny Prins smart cities

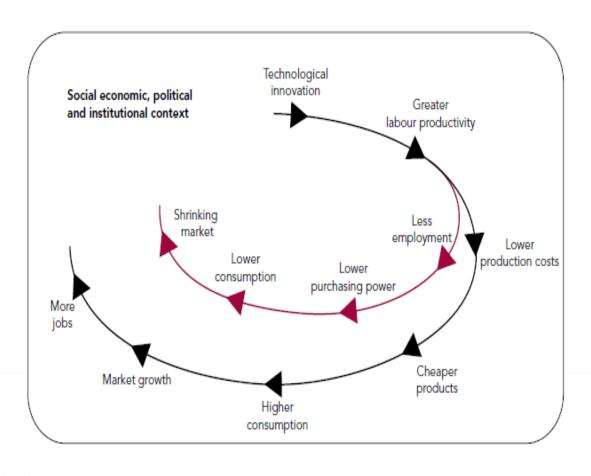


Robots and the labour market



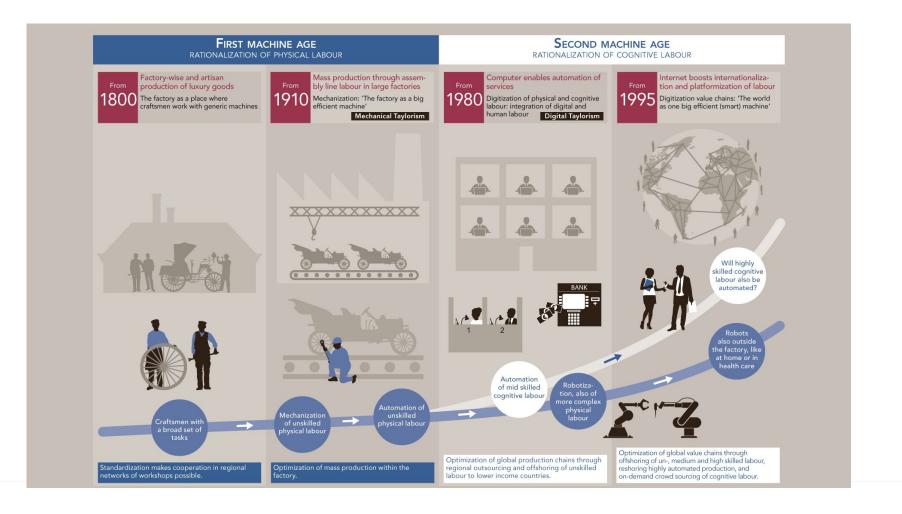


Two dominant visions on technology and labour: More or fewer jobs



What is known within science about:

- IT revolution and productivity?
- IT and loss / creation of jobs?
- IT and prosperity?





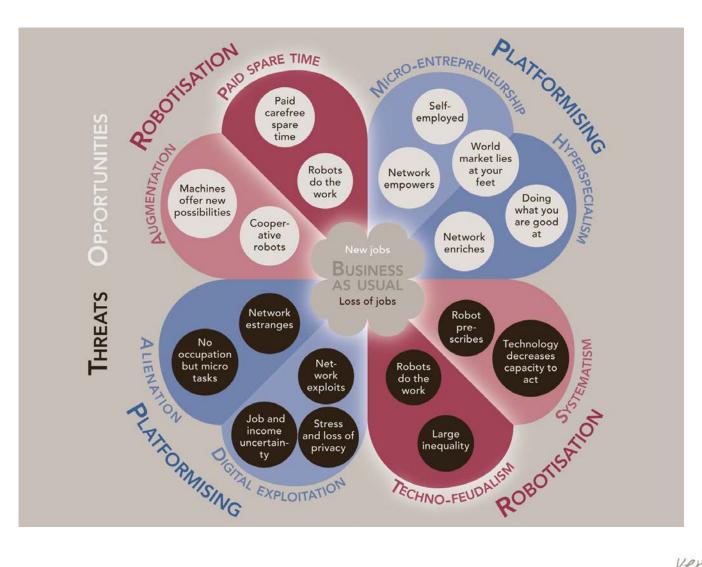
Working on the robot society

- 'Robot society' as a positive prospect
- Socially responsible innovation
 - Stimulation
 - Regulation
- Education and training
- Prosperity
 - Creating opportunities
 - Offering protection
 - Regulating platforms











Smart society

Learning about science, technology, skills and protocols

Democratic science

Role of universities in responsible innovation

Role of companies in CSR

Reinventing civilisation



Grand challenges

Here knowledge of the science ecosystem comes in.
 What technology will help?





Who am I

- Food Technology
- Toxicologist
- University Research
- Company
- Policy
- Advocacy
- Public engagement



Government, governance, role of science





State and non-state actors: pharmacovigilance





CSR: Burden of proof

Duty of care, duty to protect

OECD: responsible bussiness and responsible research

