TIEKE

Policy Perspectives into Digitalization

Jyrki J.J. Kasvi

Member of Parliament

Finnish Information Society Development Centre - TIEKE

@jyrkikasvi



Digitalisation changes ... everything

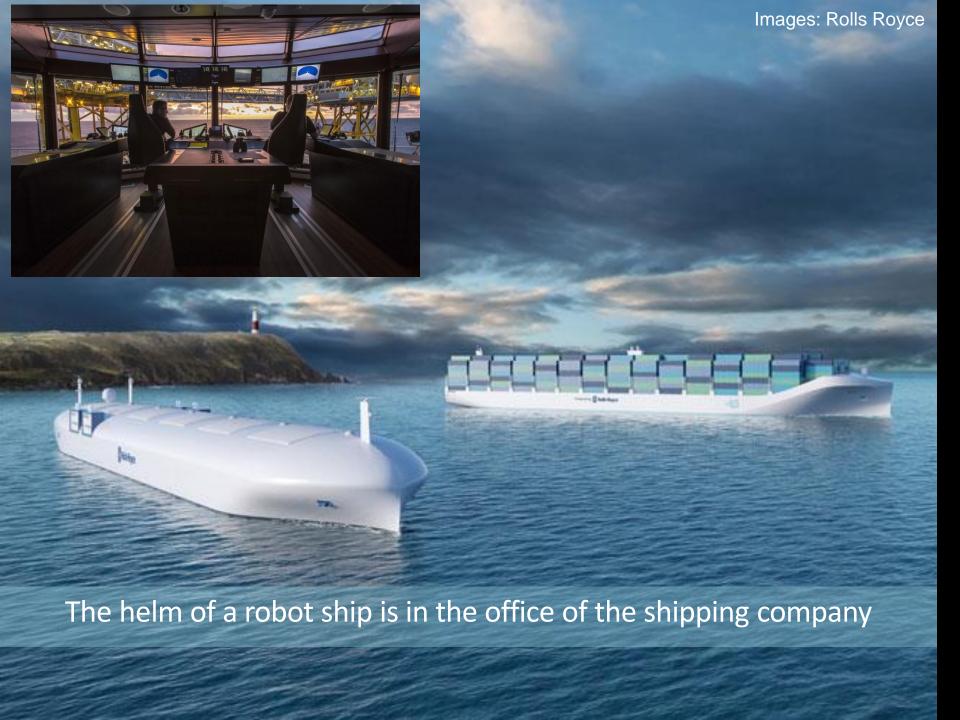
Online banking and music streaming were just starters ...



The milk you put into your morning coffee was milked by a robot

Soon you will be eating food produced by robots





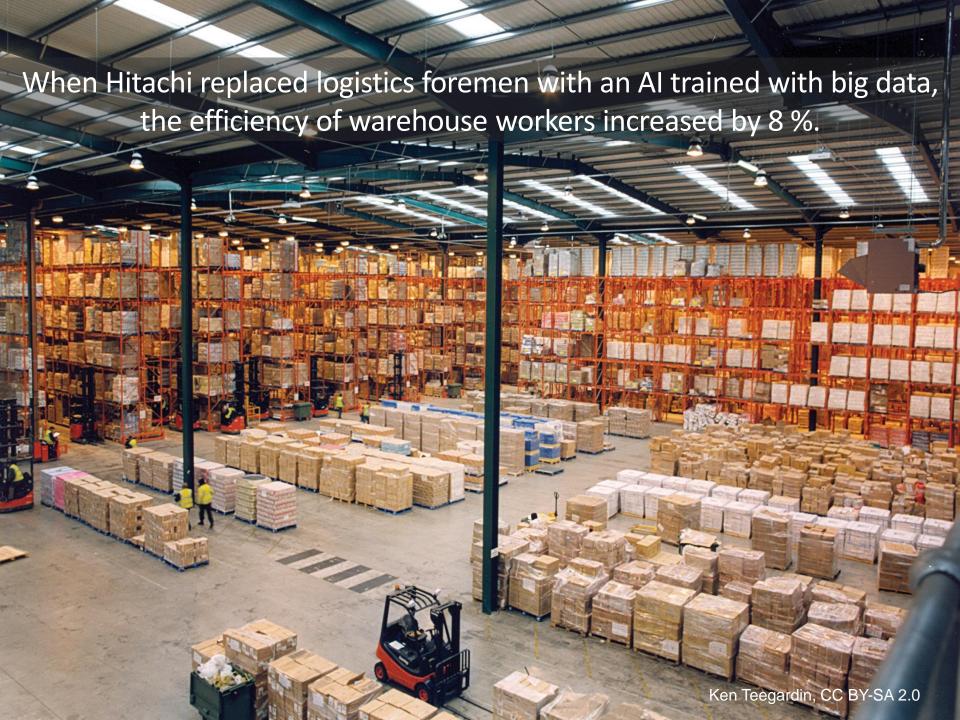
Algorithms and Al's are already running the world economy.





28.4.2017







Japan develops robot taxis for old people living in rural areas.

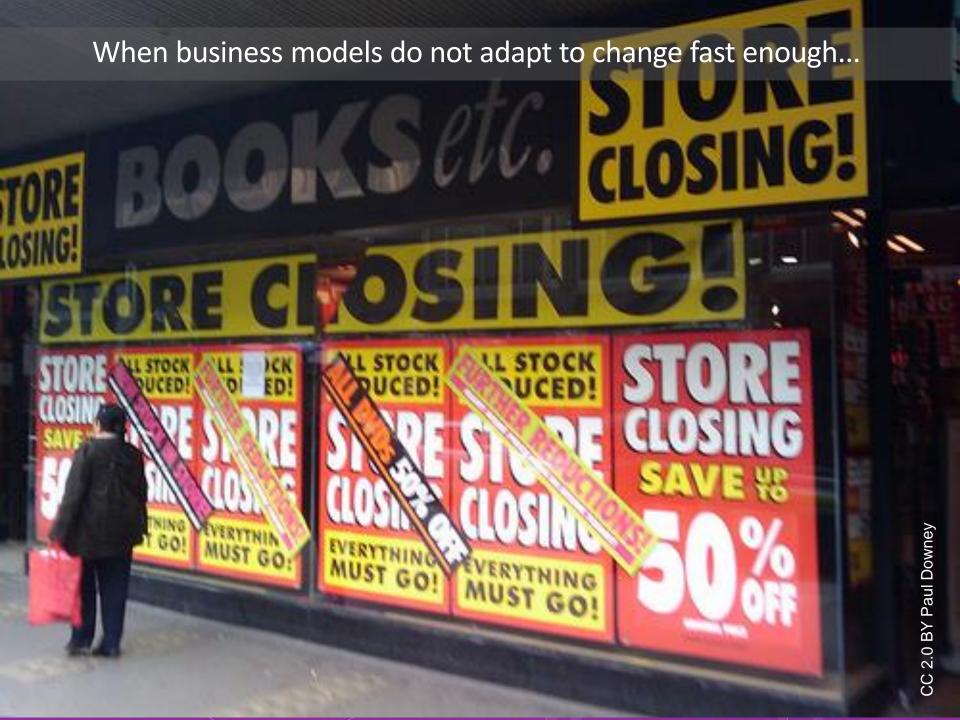


Image: Dena & ZMP



The important changes are not technological...

...but new processes, business models and value chains enabled by technology





Moore's Law is still accelerating the change

Year 2035 is as close as 1815



William Sander II: Waterloon taistelu (1815)



Real-time-policy needs up-to-date data

- Technology may evolve really fast
 - But policy making requires longer term perspective
- Quarter year economy
 - Business interests focus on quarter goals instead of long term developments
- Election term politics
 - Political interests focus on four year goals instead of long term challenges
- Real time policy
 - Decision making requres real time collection and analysis in order to make informed policy decisions
 - Our latest completed economical statistics are from year 2014

På sve

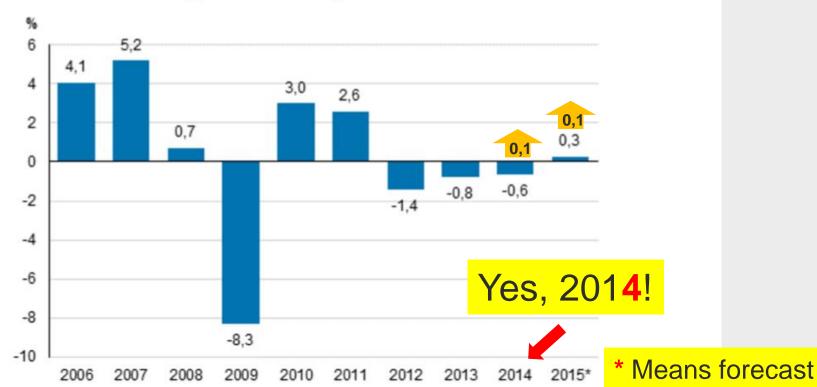
Julkaistu: 31.1.2017

The next analysis will be published around Midsummer

Bruttokansantuote kasvoi 0,3 prosenttia vuonna 2015

Bruttokansantuotteen volyymi kasvoi 0,3 prosenttia vuonna 2015 Tilastokeskuksen tarkentuneiden ennakkotietojen mukaan, aiemmin kasvuksi arvioitiin 0,2 prosenttia. Myös vuoden 2014 kansantalouden tilinpitoa tarkistettiin: bruttokansantuote pieneni 0,6 prosenttia aiemmin arvioidun 0,7 prosentin sijasta kansantalouden tarjonnan ja kysynnän tasapainottamisen seurauksena.

Bruttokansantuotteen volyymin vuosimuutos, prosenttia





Digitalisation is redefining our social structures

- Work life, when whole professions disappear and appear
 - As work life has not yilded, it has resulted as unemployment
- Education, when skills are becoming outdated
 - A degree is only a permission to come back for updating education
- Taxation, when robots and Al's run world economy
 - A transfer from taxing of salaries to taxing of added value regardless of how it has been created
- Basic livelihood, when every month is different
 - Social support needs to be automated and simplified (basic income)



Finland won't be saved by wrecking ATMs and milking robots ...

... and distributing milking stools



Finnish challenge, why did our digitalisation stop? E.g. mobile payments? Overwhelming for Finns?



