

Robots, artifical intelligence (AI) and the future of work

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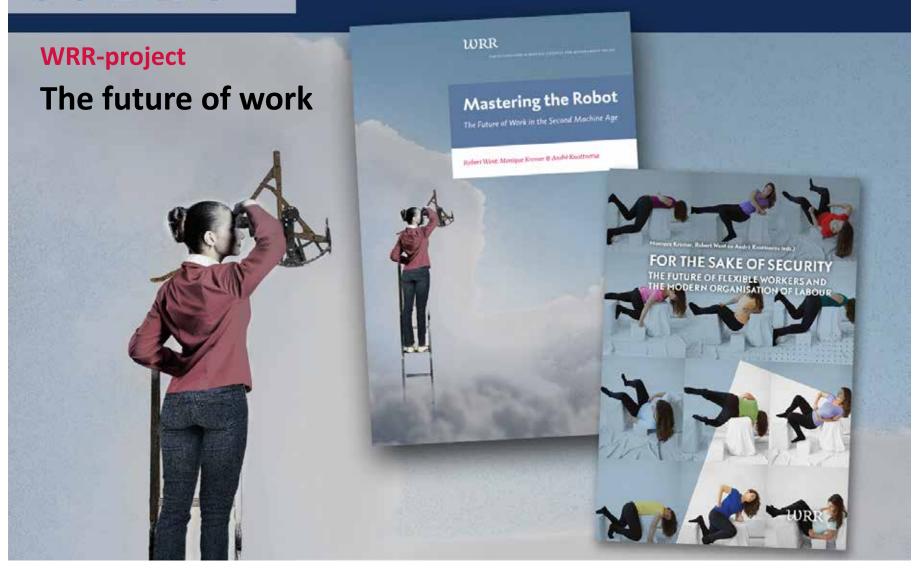


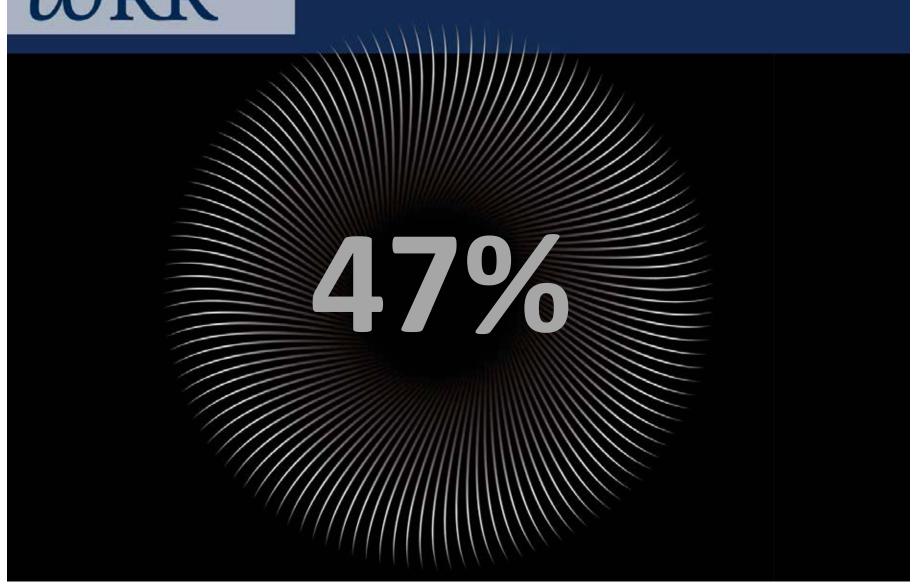
👽 @went1955

Technological revolutions

"This is not to say that any group, organization, or class has a clear idea of how a particular technology will evolve (...)
Uncertainty characterizes the evolution of any new constellation of innovations, and the ultimate outcome is not quite what anyone specifically intended in the early days."

('As Time Goes By', Christopher Freeman en Francisco Louca, 2001)









Technology doesn't just happen to us

Discussion since the 1950s: Al versus IA (augmented intelligence)



The federal government would no longer finance research that could lead to the "replacing of an adequate and willing work force with machines."

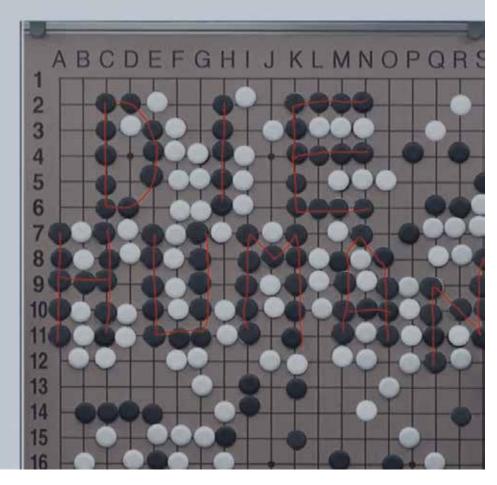
1980, Robert Bergland, agriculture secretary president Jimmy Carter



Google Deepmind - Lee Se-Dol

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(compare Resonsible Robotics)

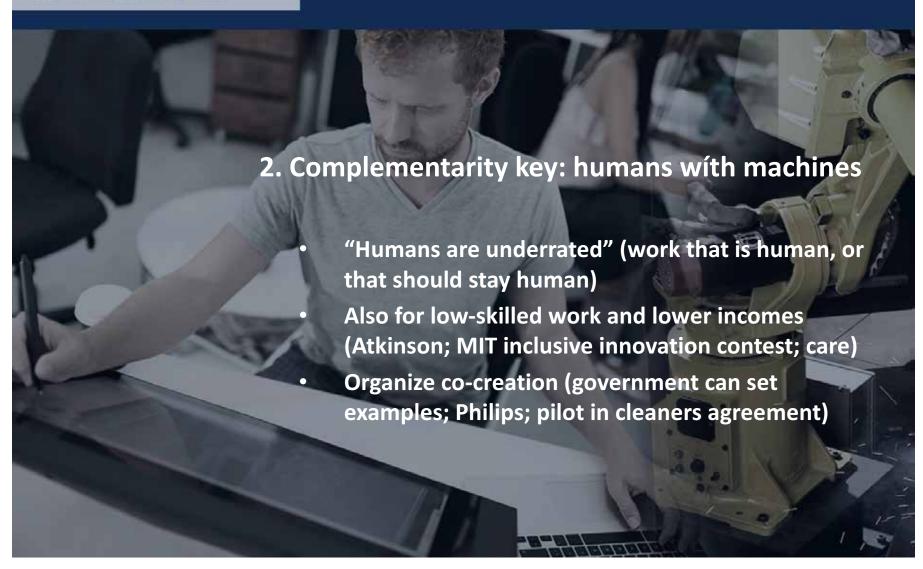


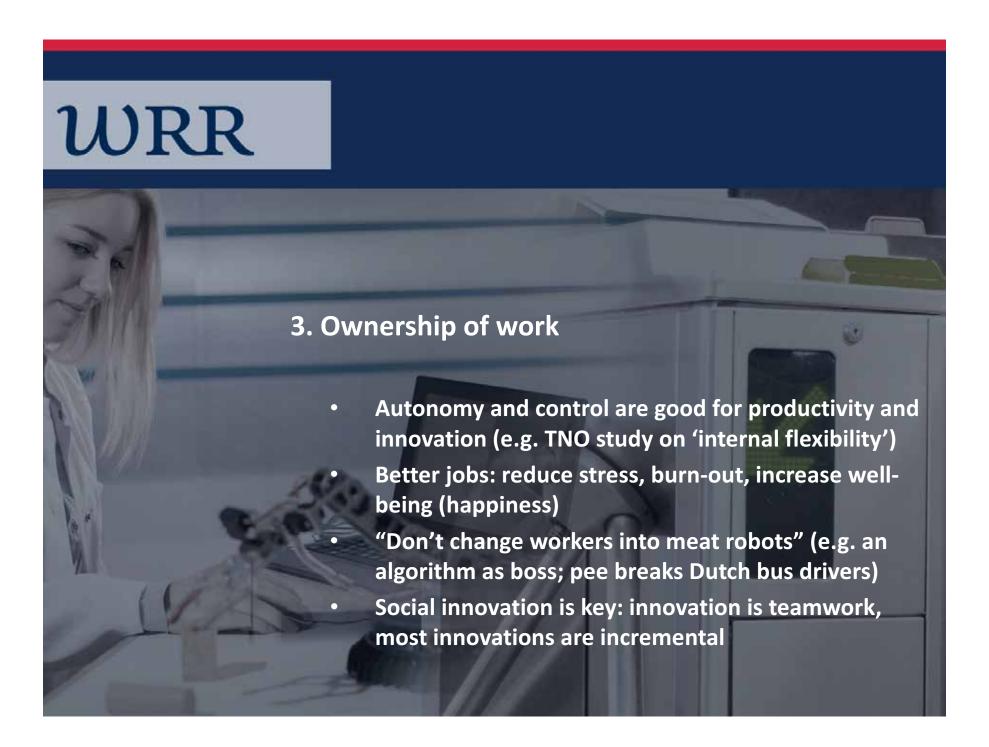
Issues about AI (EESC)











4. New inequality issues

- Income: Job polarization, more low-skilled jobs (multiplier)
- Wealth: Who owns the robots owns the future (robot dividend, social technology funds)
 - 'Loosers': Portfolio of measures to support people not able to cope (targeted "basic income", supported jobs, early retirement)
- Regional differences may increase with robots and AI



Summing up



- Technology doesn't just happen to us (re: Ravi Kanbur)
- Don't forget! 'Jobs are bundles of tasks'
- Humans with machines: augmented intelligence. Labor essential, not a cost to reduce as much as possible
- Key for technological applications: understand what skills a job requires (e.g. truckdriver), and what workers need
- Co-creation: the role of humans, new tasks

