



Transition towards Innovative Non-Animal Research

The Netherlands



ZonMw



Nationaal Comité
advies dierproevenbeleid



Rijksinstituut voor Volksgezondheid
en Milieu
Ministerie van Volksgezondheid,
Welzijn en Sport



Rijksoverheid



Introduction

- > 2016: Request from the former minister of Agriculture, Nature and Food Quality
- > 2016: NC opinion 'Transition to non-animal research'
- > Today: broad coalition under the patronage of the current minister

The image shows the cover of a report from the Netherlands National Committee for the protection of animals used for scientific purposes (NCad). The cover features a blue background on the left with white text, and a photograph on the right showing a person wearing green gloves handling a multi-well plate with pink liquid under a microscope. The text on the cover includes the title 'Transition to non-animal research' and a subtitle 'on opportunities for the phasing out of animal procedures and the stimulation of innovation without laboratory animals'. The NCad logo and name are visible in the top right corner of the cover.

Netherlands National Committee
for the protection of animals
used for scientific purposes

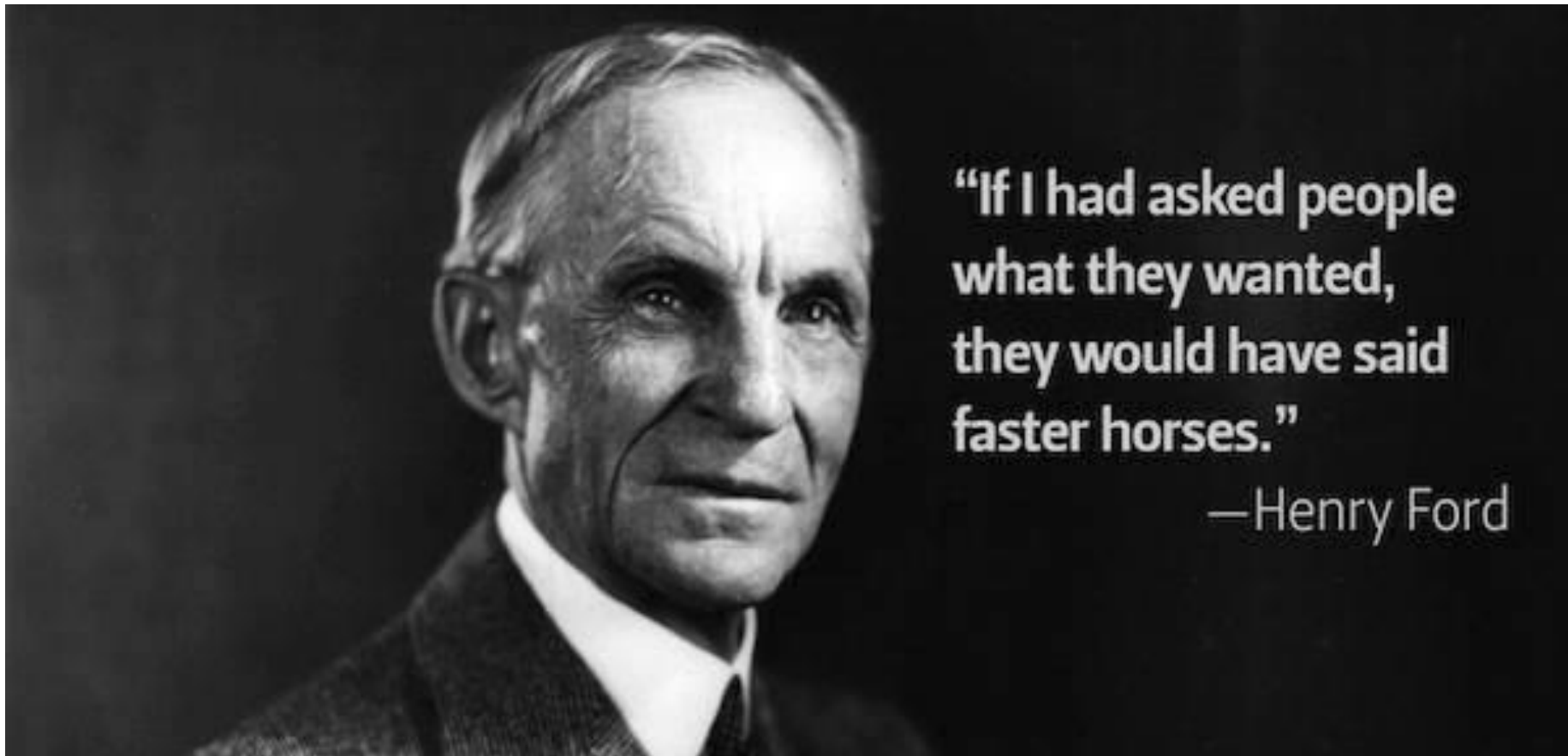
Transition to non-animal research

*on opportunities for the phasing out of
animal procedures and the stimulation
of innovation without laboratory
animals*

Opinion of the Netherlands National Committee for the
protection of animals used for scientific purposes (NCad)

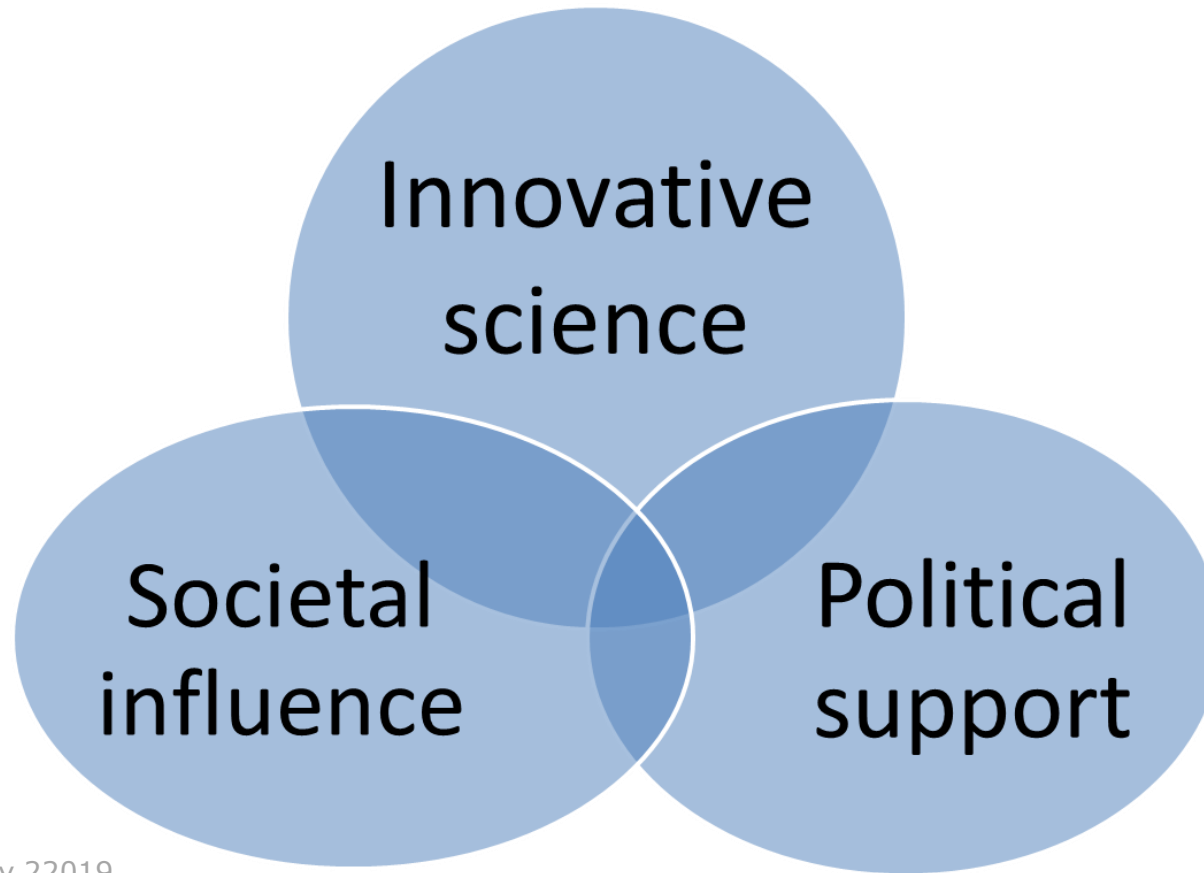


My point on the horizon



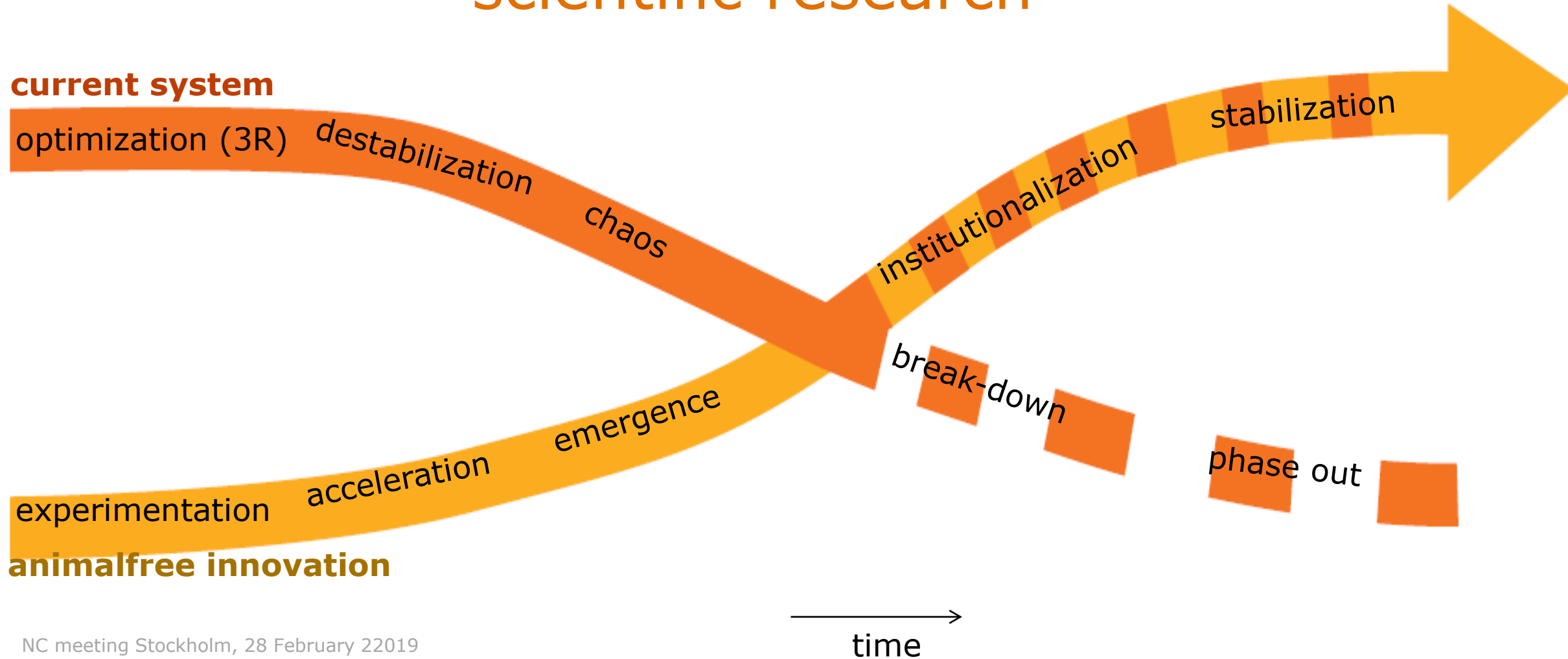


Transition to animal free research





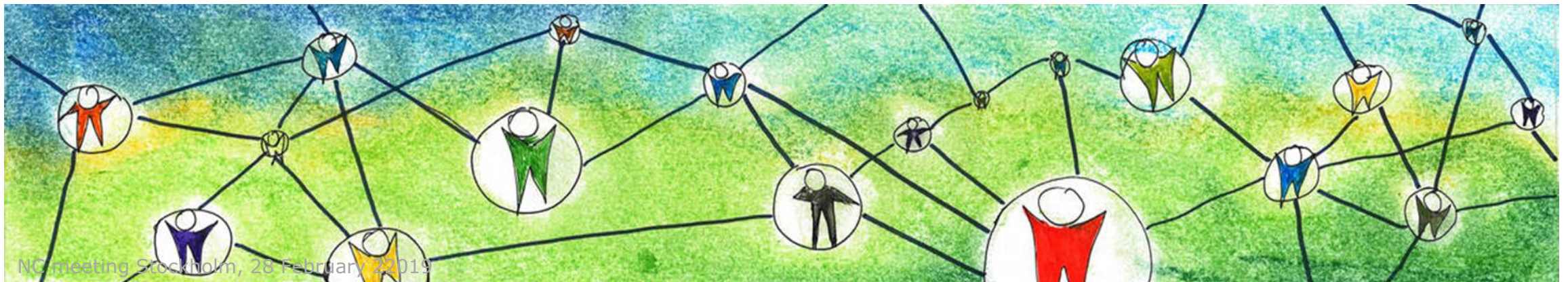
Transition: an evolutionary paradigm shift in scientific research





Innovation networks

- › Multidisciplinary, growing networks
- › Debating, experimenting
- › Breeding grounds for new concepts, (ambitious) visions and meetings
- › Non-institutional and bottom-up
- › Promising experiments > concrete projects





Development of transition targets (road maps)

- › Don't lose sight of *the original research goal(s)*,
- › Introduce regularly focussed *brainstorm sessions*, involving experts from unrelated research domains,
- › Involve *young scientists* with a clean slate and an unprejudiced, open mind,
- › Seek *national and international cooperation*
- › Teach as well as learn to *think outside your own comfort zone*.





Active and new innovation networks



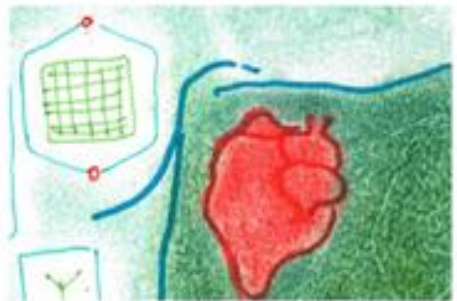
Innovative health care research



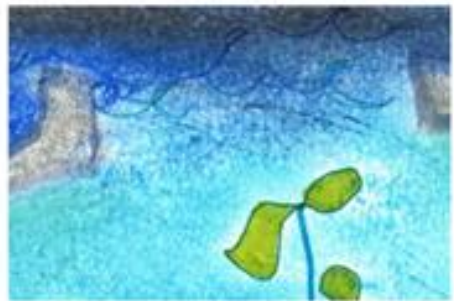
Start-ups and scale-ups



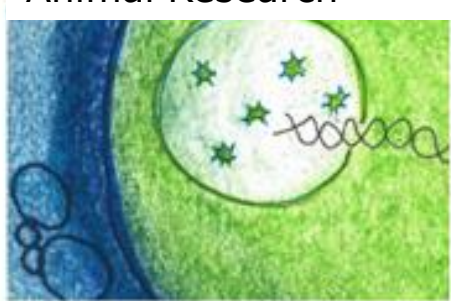
Informationportal Innovative Non-Animal Research



Virtual man



Safe crop protection

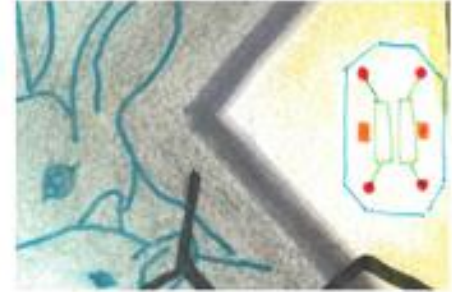


Advanced therapy medical products

On-going projects



Ambitious image innovative non-animal neurosciences



More knowledge with less animals (ZonMw)



Vital tissue



National science agenda





Essential factors of succes

- › Governmental support, direction and supervision
- › In cooperation with the private sector
- › In cooperation with the public and private sector in other countries
- › With support of NGOs
- › With and by the scientific society
- › With financial support of all parties
- › In close contact with society





Today



NC meeting Stockholm, 28 February 22019





Tomorrow



NC meeting Stockholm, 28 February 2019





We're in this transition together.
It's happening. Let's work together!

- Project leader: Anke Sikkema
- www.transitieproefdiervrijeinnovatie.nl
- Save the date:

TRANSITIE
**Proefdiervrije
Innovatie**

International Conference on November 28-29, 2019

