

Nanotechnology for development

Koen Beumer, Ragna Zeiss, Charity Urama, Pankaj Sekhsaria, Trust Saidi and Wiebe Bijker

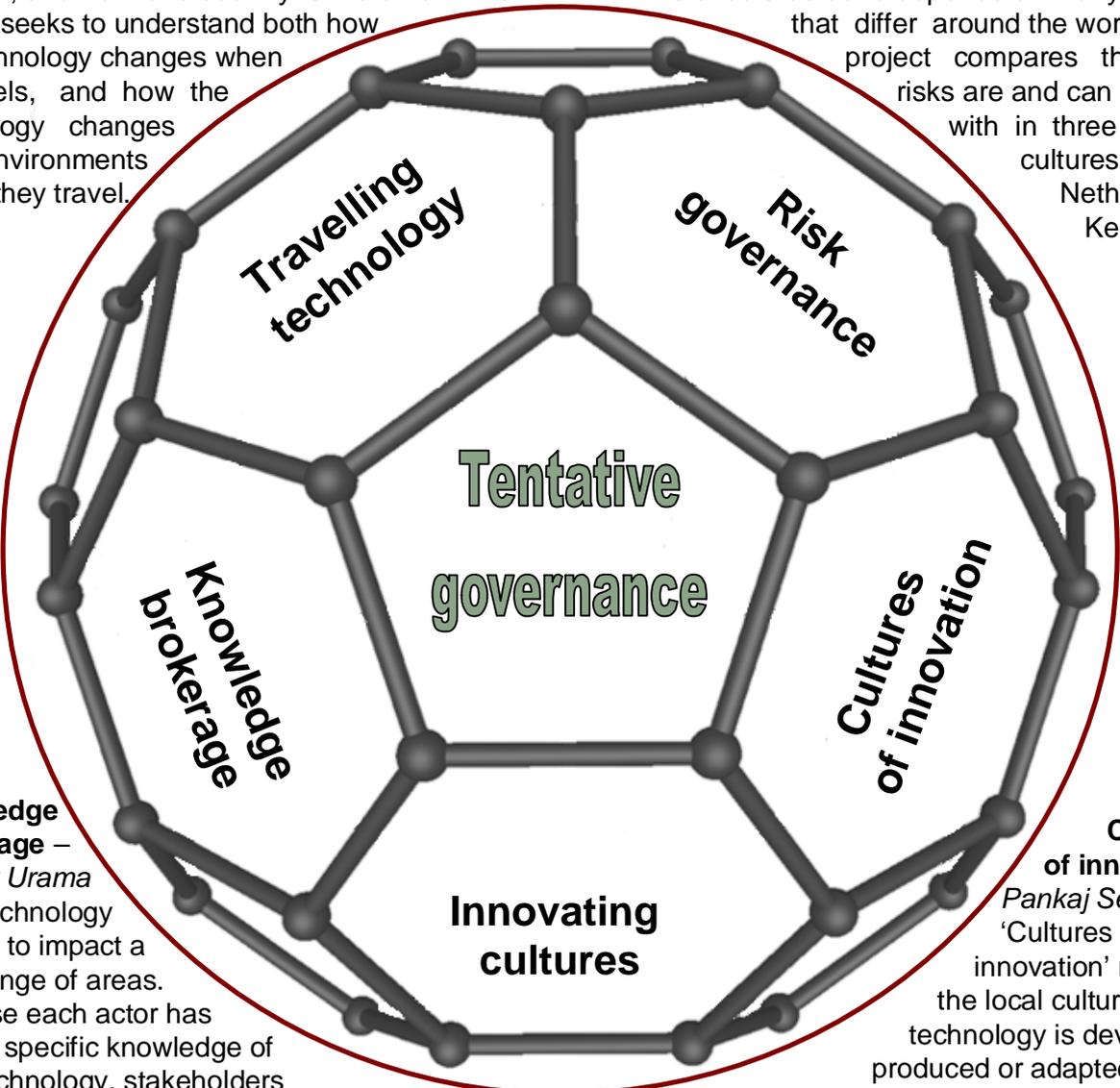
www.nano-dev.org

Travelling technology – Trust Saidi

Nanotechnology needs to travel from the laboratory to the factory from the factory to the market, and from one country to the other. This project seeks to understand both how the technology changes when it travels, and how the technology changes the environments where they travel.

Risk governance - Koen Beumer

Potential risks of nanotechnology need to be dealt with in an adequate way. But how this should be done depends on many factors that differ around the world. This project compares the ways risks are and can be dealt with in three distinct cultures: the Netherlands, Kenya and India



Travelling technology

Risk governance

Tentative governance

Cultures of innovation

Knowledge brokerage

Innovating cultures

Knowledge brokerage – Charity Urama

Nanotechnology is likely to impact a wide range of areas. Because each actor has its own specific knowledge of nanotechnology, stakeholders from a variety of disciplinary and institutional origins need to work together. Therefore this project investigates various ways in which this knowledge is brokered in Africa.

Innovating cultures – Ragna Zeiss

The four projects mentioned above all highlight aspects of cultures of innovation. The dynamics between these aspects and nanotechnology development is, in turn, likely to innovate cultures. This project draws on the four other projects to identify the strategies of innovating the various cultures of innovation.

Cultures of innovation

Pankaj Sekhsaria 'Cultures of innovation' refers to the local culture where technology is developed, produced or adapted from a laboratory to a workshop, farm or hand-weaving co-operation. This ethnographic project will focus on the laboratory, in order to research the cultures of innovation in nanotechnology in India.

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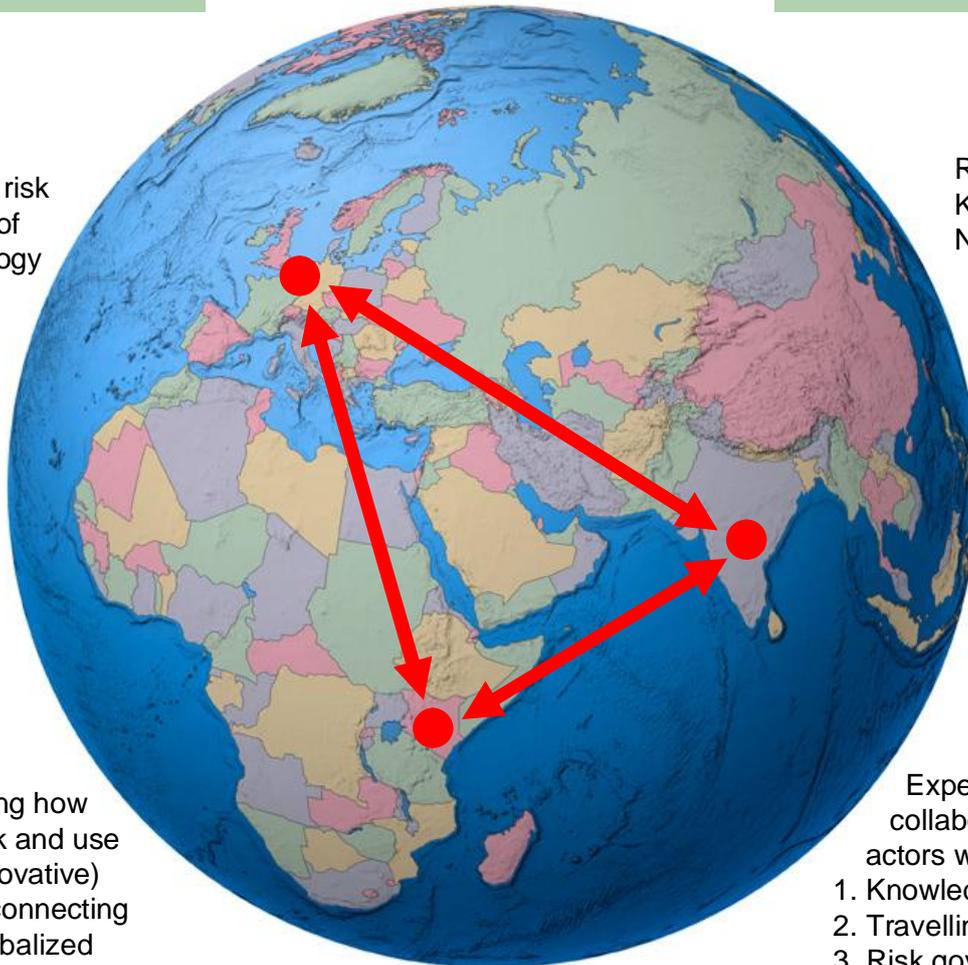
'Tentative Governance' for us refers to a combination of:

1. Forms of flexible and reflexive governance

2. Differentiating between diverse (e.g. political) cultures

Learn from initiatives on risk governance of nanotechnology

Research in Kenya–India–Netherlands



Understanding how cultures seek and use different (innovative) methods of connecting local and globalized knowledge and practices

Experimentations in collaboration with the actors we are studying:
1. Knowledge brokerage
2. Travelling technology
3. Risk governance

3. Taking into account a plurality of knowledges

4. Recognizing the need for continuous and symmetrical learning from new forms of governance

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