

# Are We Embracing the Global Transformative Forces?

FUTURE 12

Fredrik Zetterquist, Chair UN-ECE WPLA

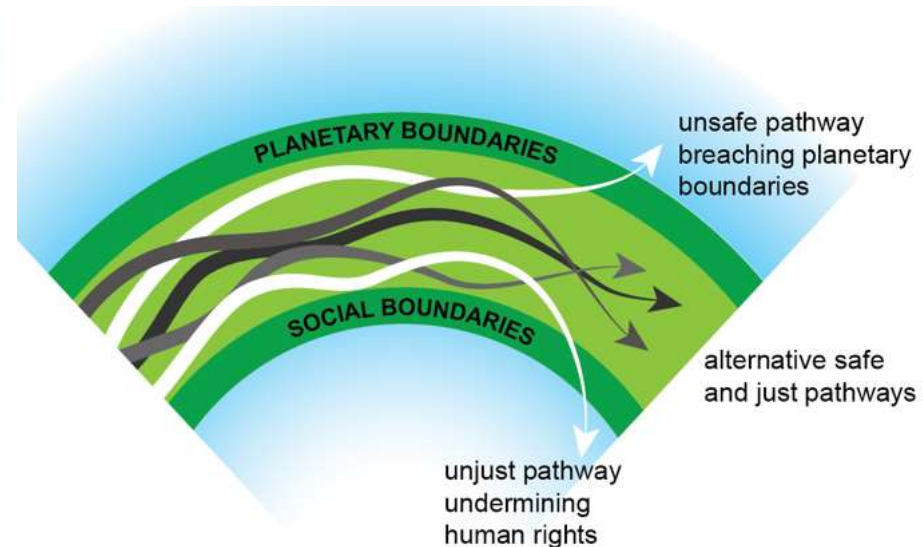


**UNECE**

# The “doughnut” of social and planetary boundaries for development



## Transformation within boundaries



Just, Secure, Inclusive,  
Sustainable



# A new transformative development agenda is needed



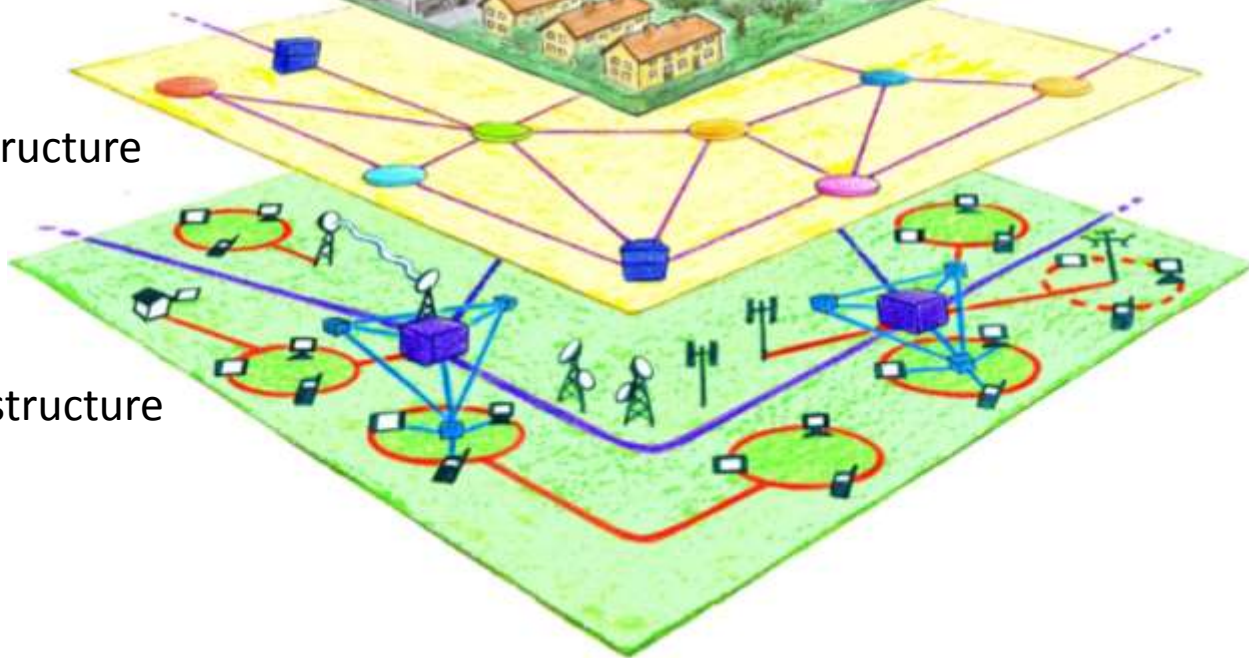
# Institutions (e.g. for land governance) constitute the glue of trust from which the society and individuals can grow



Businesses and services

Soft infrastructure

Hard infrastructure



# Change agents

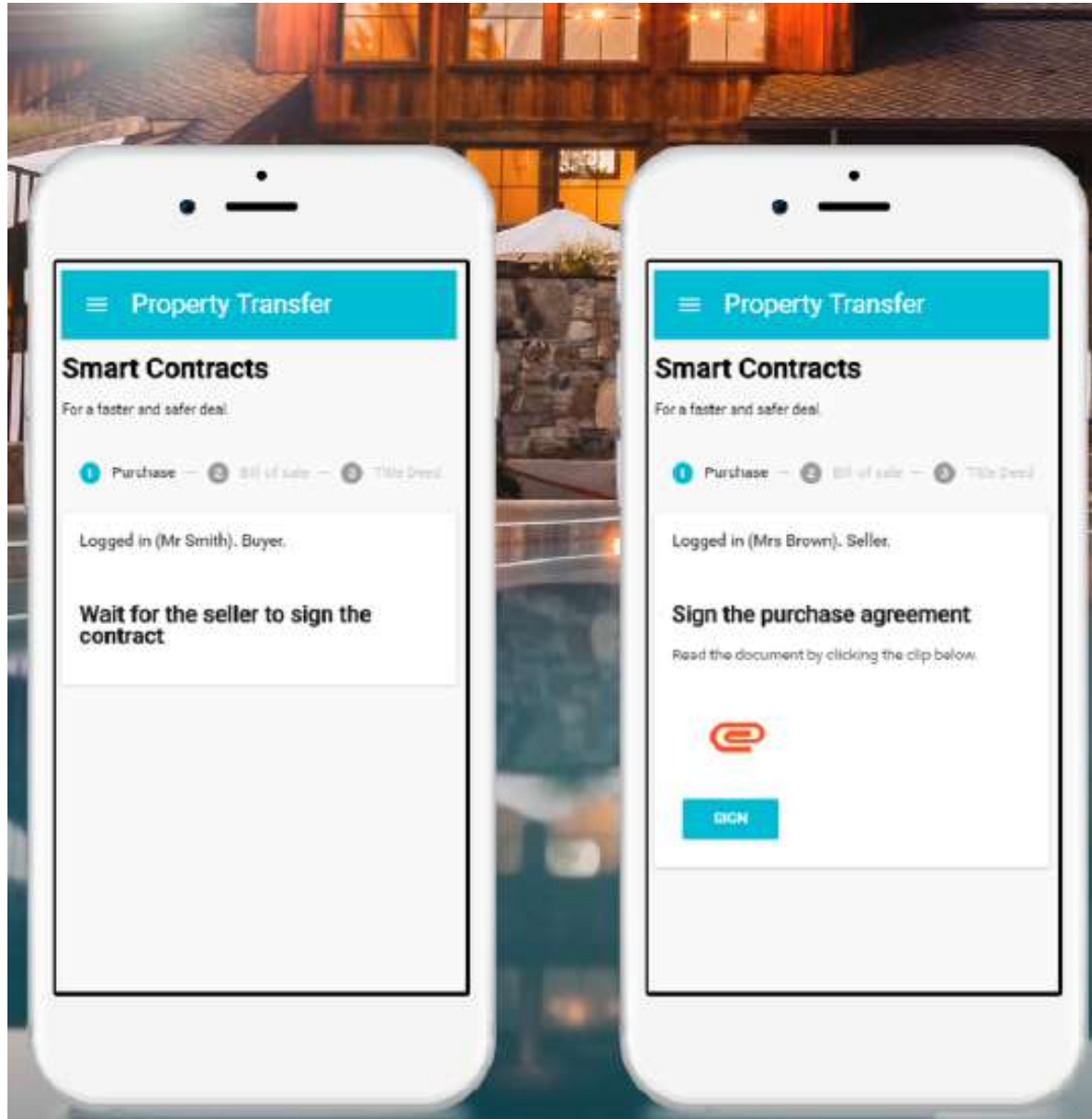
- Digitization
- Globalization
- Urbanization
- Climate change
- Individualization
- Knowledge-based society
- Diversity and pluralism
- Technological advancement
- Sharing economy
- Agenda 2030



Define what we do,  
how we do things and  
what is possible to do



# Client expectations



# Are the authorities needed?

Yes as

Experts

Facilitators

Communities

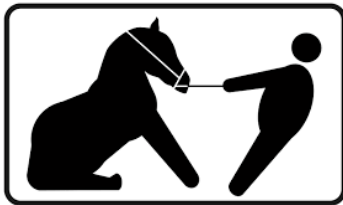
Dissemination

...and it will go faster than we think!

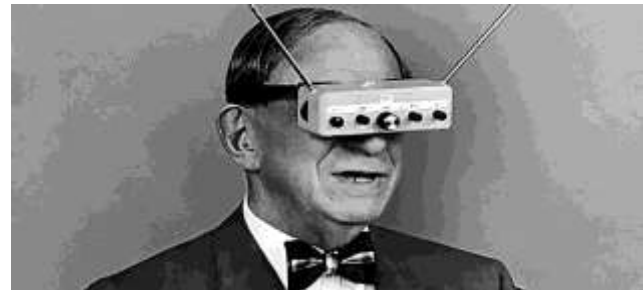
to a less extent handling of cases

# A crossroad

Prevent, ignore




Understand, implement



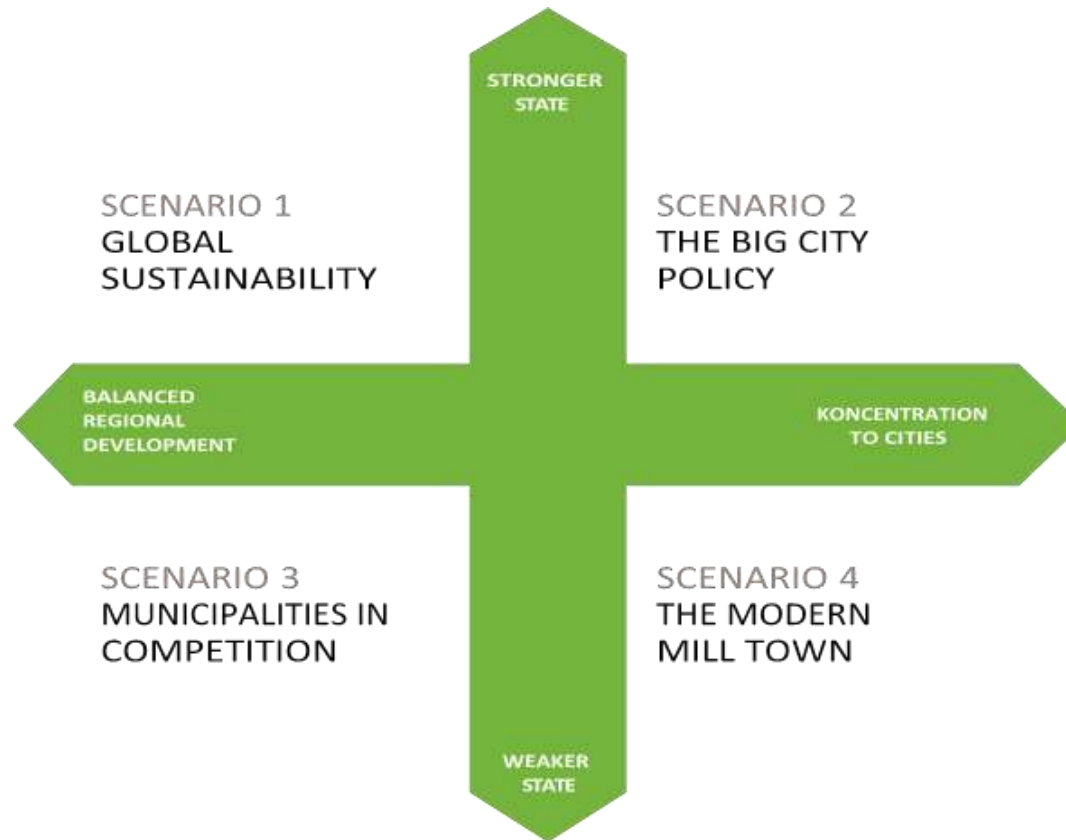


# Involvement in state priorities and investigations

- Housing - 700 000 in 10 yrs
  - Climate change initiatives
  - Smart cities
  - Digital first – speed up planning and building process
  - E-government
  - Framework for national 3D geospatial data
  - Blockchain technology
  - Standardized geospatial processes with local gvt
  - Update national Geospatial Strategy focusing on solving future challenges in the society
  - Licensing of dissemination of information from UAVs
  - 3D/4D and closing the gap between BIM and GIS
  - Open data - consequence analysis
- 
- Increased interaction
  - More complex decision-making processes
  - Make necessary priorities
  - Control processes
  - Designate accountability
  - Increased business intelligence and international collaboration

# External analysis more important

## Scenarios vs vision and prognosis



# Agile organisation

Provide the organisation with opportunities and prerequisites to quickly adapt to a changing environment:

- The management at different levels defines the framework for the employees to relate to and the team independently decide how the work is carried out
- Individuals and interactions more valued than processes and tools
- The leader's role is more to coach and inspire and believe in their staff and that they can perform their duties without being detail-driven
- The agile methodology leaves more space for innovations at Lantmäteriet as compared to the more rigid process-centric methodologies



# Innovative organisation

- 24 hrs Hackathon, internal innovation day



Brainstorm



Construct



Keep track of time



Present



Vote, win, celebrate

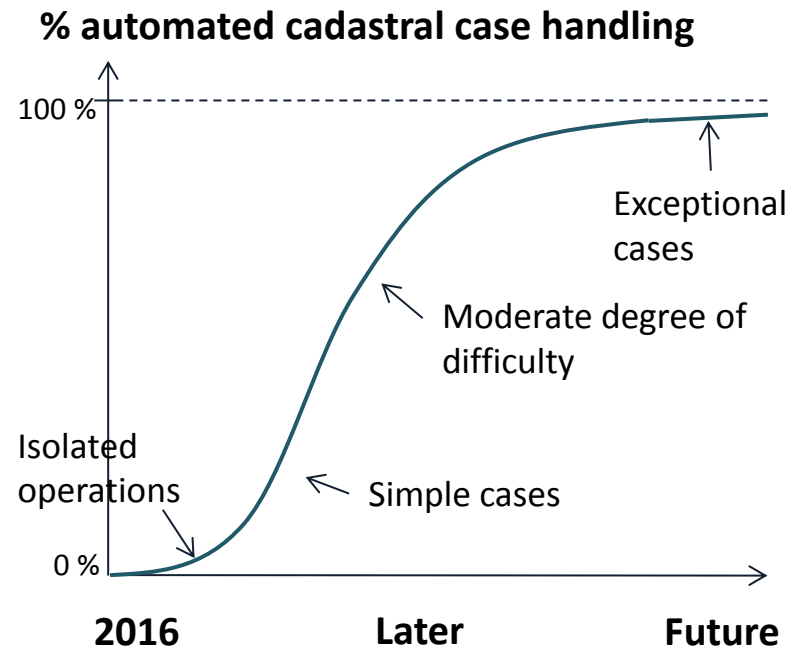
- Hack for Sweden, open for the public
  - Combine open data from 23 authorities
  - SDGs, sustainable cities, information society

# Regulatory changes

- Legal revisions to safeguard efficient implementation of transparent procedures and services which are made digital
- Automated coordination with other actors involved
- Introduced e-services for property owners through automatically generated decisions in land registration services
- A more “firm” legislation with less room for deliberate balancing and at the same time provide for more transparency

# Cadastral procedures conducted by the citizen - maybe it will be like this?

1. Strengthen decision support
2. Accessible for citizens
3. Self-conducted case-handling"





# Attract new talents

- The most important core values to attract new talents:
  - to offer them to be part of, and contribute to, the development of the society
  - personal satisfaction of providing others, i.e. the general public, with an objective, impartial, apolitical and high-quality service
  - to offer challenging and varying work tasks in an environment that rewards good performance

# Inclusion of the young generation

## New ways of marketing

- Maps of Sweden tailored for Minecraft
- Social media
- Geoschool

## Characteristics

- Recognize the global transformation forces as something natural in their perception of the world
- Put unconditional pressure for new expectations of public performance
- Neither tied to old decisions and behaviors, nor to obsolete ways of working
- Interest in early adaptation to new technologies and a different way of living, enable them to think more open-minded
- Lantmäteriet today has a lot wider spectra of individuals with different backgrounds, competences and age

# THANK YOU!



FUTURE 10