



### **Peter Drucker**

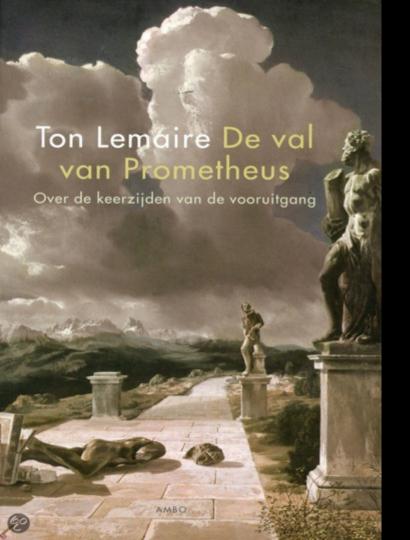
"The greatest danger in times of turbulence is not the turbulence, it is to act with yesterday's logic"

What is the road(map) then to act well?

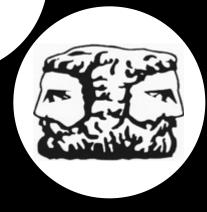
Do we really know what is going on in our society!?

Stretch your environment, your "zoësis"!

Build up new knowledge!



Read?

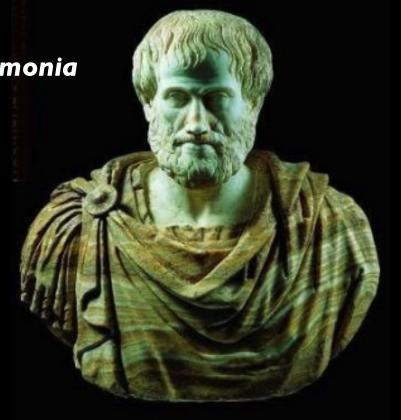


Progress that makes Sense

... Pneuma!

The Good Life
Happiness: eudaimonia

- I. Enjoy
- 2. Appreciation
- 3. Insight



psychès energeia kat' aretèn



# Ton Lemaire: what is meaningful progression? What makes no(n) sense or sense...in our sectors?

#### **Public sector**

What does good governance mean?
When is an administation acting meaningful?
What does this mean for civilians?

#### **Construction sector**

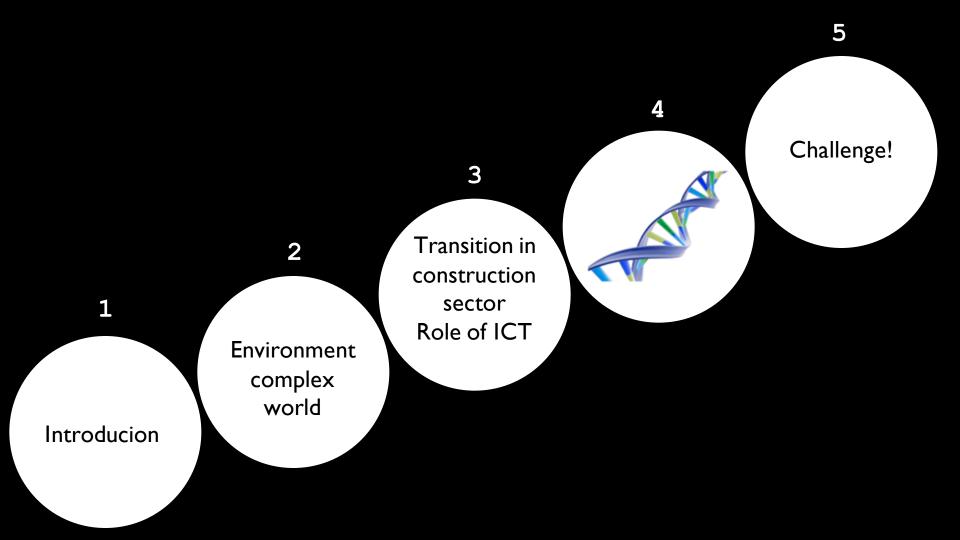
What is good building / smart city?
What is a meaningful housing corporation?
What does this mean for tenants?

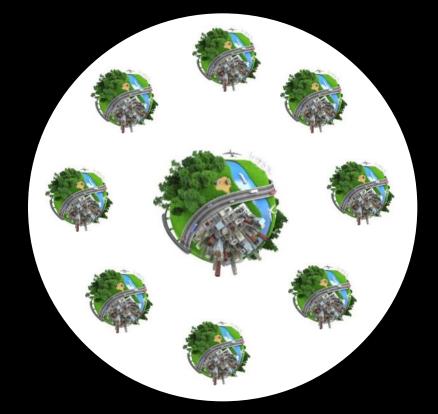
#### Telecom/ICT sector

What is good (tele) communications?
When is KPN a good and meaningful company?
What does this mean for employees



Innovate Innovation

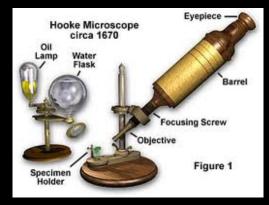




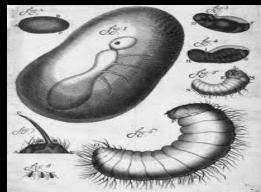
Suppose you are a IT/Smart-City expert ... What do you see in your environment?

**More IT/Smart-City experts of** 

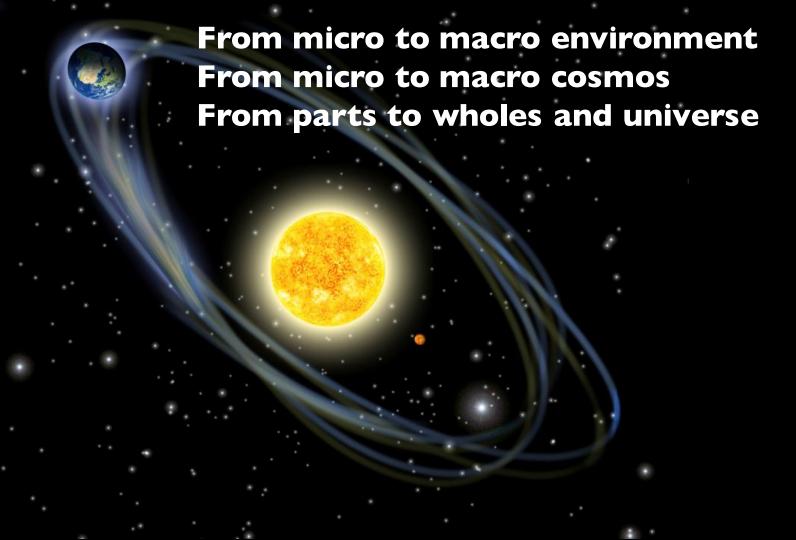
# What do we see in our environment?







Unpretentious <-> Abundance, opportunities

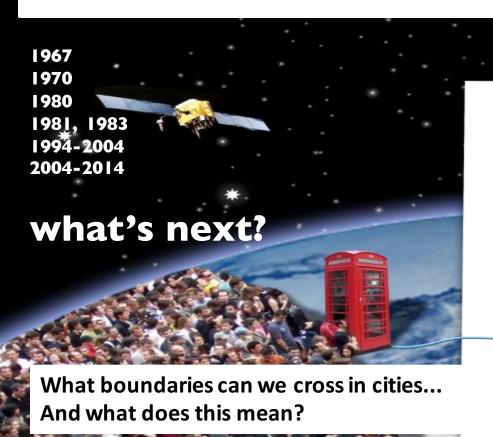






# The last two minutes... humanity

#### The last two seconds





# The sector of Healthmicro- en macro



Hu	man	bei	ng

Systems

Organs

Cells

DNA

Tissues

Cell components

.....

Zeros and ones

# The sector of Healthmicro- en macro







Human being



**Systems** 

Organs



**Tissues** 



Cells



Cell components



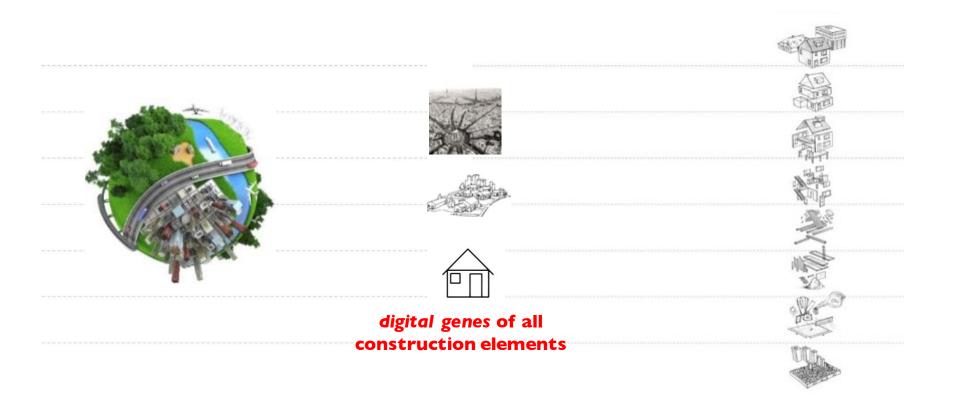
DNA



Zeros and ones

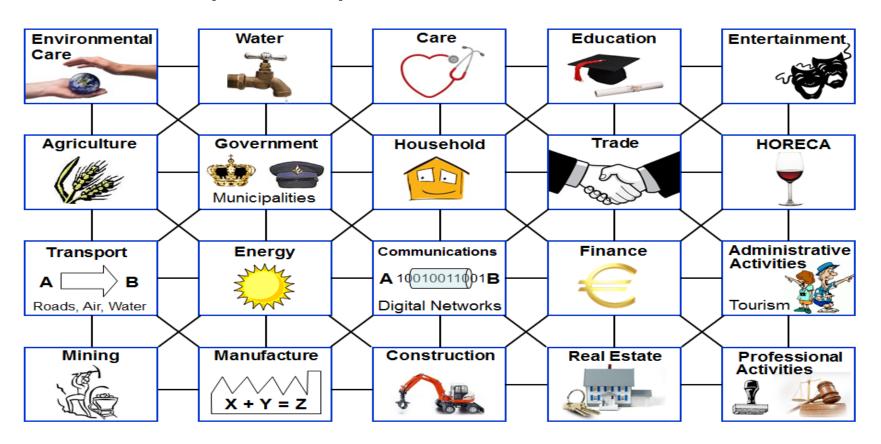


## Micro and macro cosmos in construction sector



# A complex network of sectors, Whole $> \Sigma$ Parts (sectors)

What does the decomposition, the parts and the wholes look like in other sectors?





## **Evolution and transition of sectors**

on the way to healthy holarchies

#### Care... Health-Connect

Transition from disease to health management



Transition from archaic to modern construction: Smart Living, digital genomes

#### **Transport...** Transport-Connect

Transition from mono to multi modal: Smart Travelling

#### **Glaze... Fiber-Connect**

Transition to optical bandwidth: NG Smart Networks, Grids

#### **Value...** Value-Connect

Transition to...: NG Smart Value-Grids









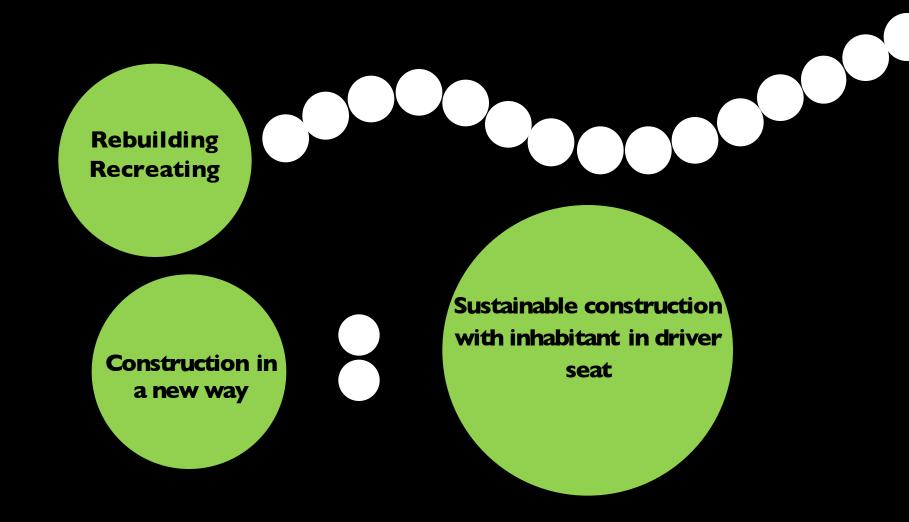


# Transition to an optical infrastructure (Fiber-Connect): everything will flow towards us

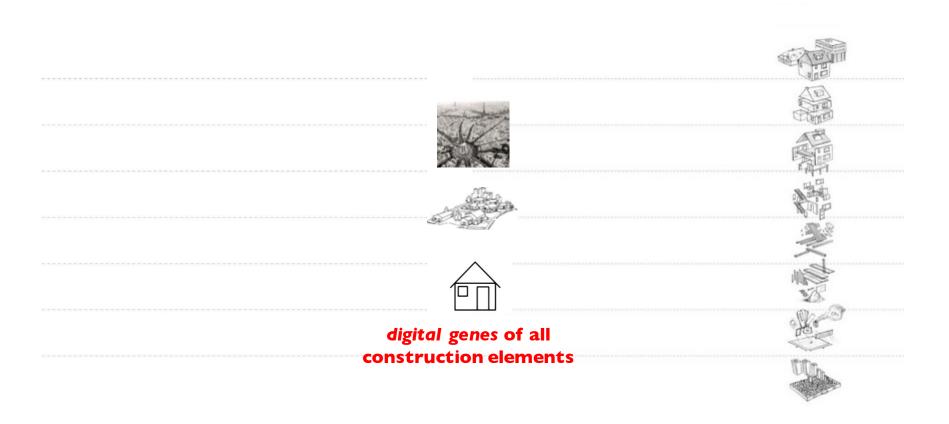


Complex ICT (eco) systems, IoT





# Micro and macro cosmos in construction sector



# **Everything is known from the digital genes**



Construction



...it's about humans above all!

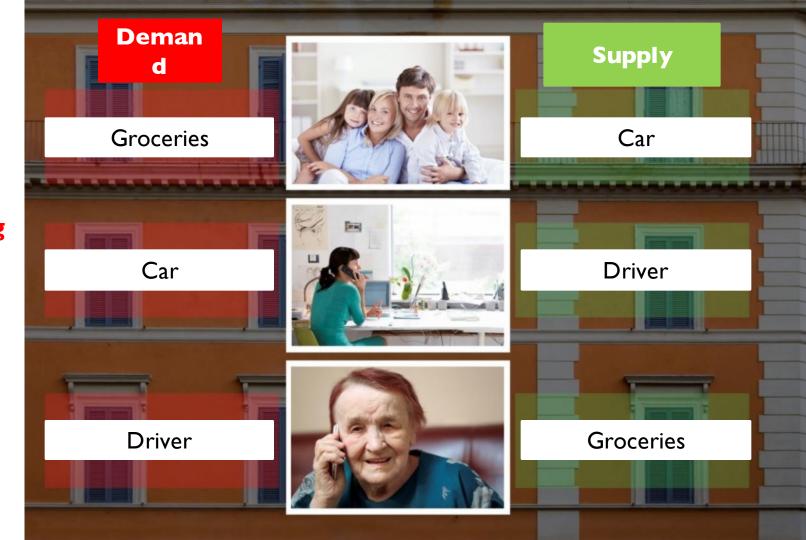
...connecting for a connected society



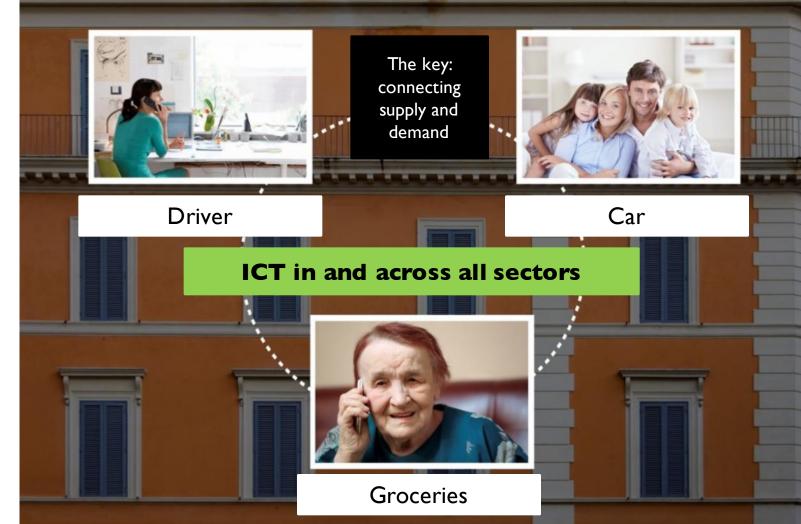
...it's about humans above all!

for a connected society



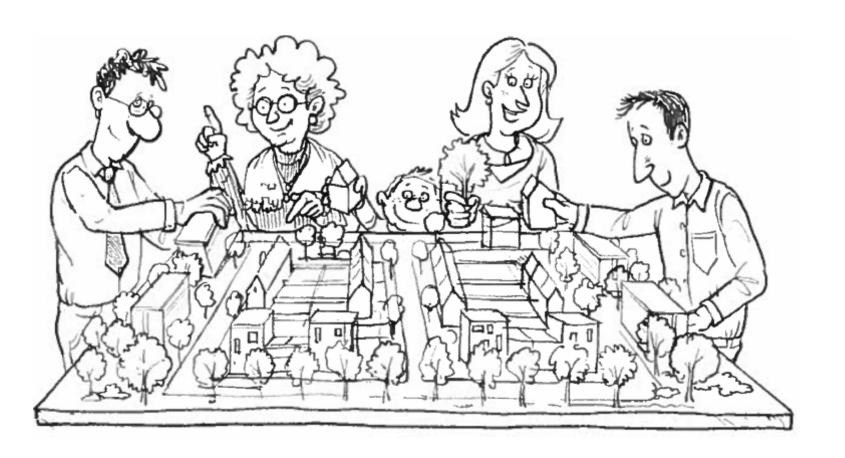


Connecting for a connected society



Connecting for a connected society

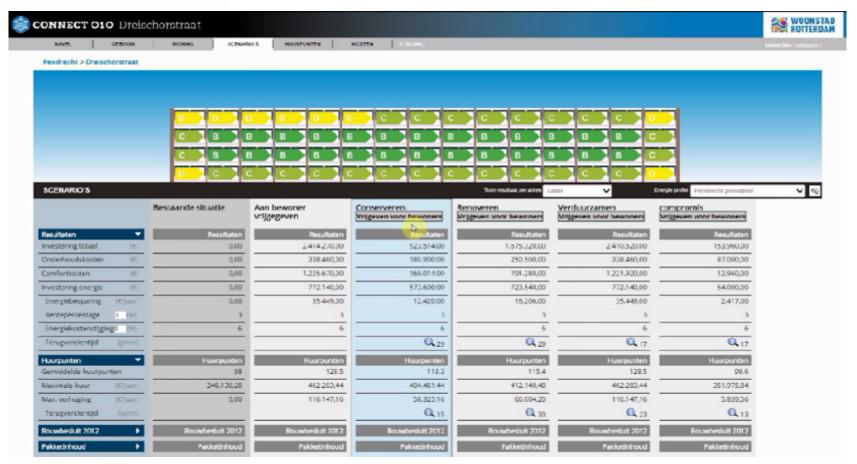
# Connected neigbourhood, district and city...

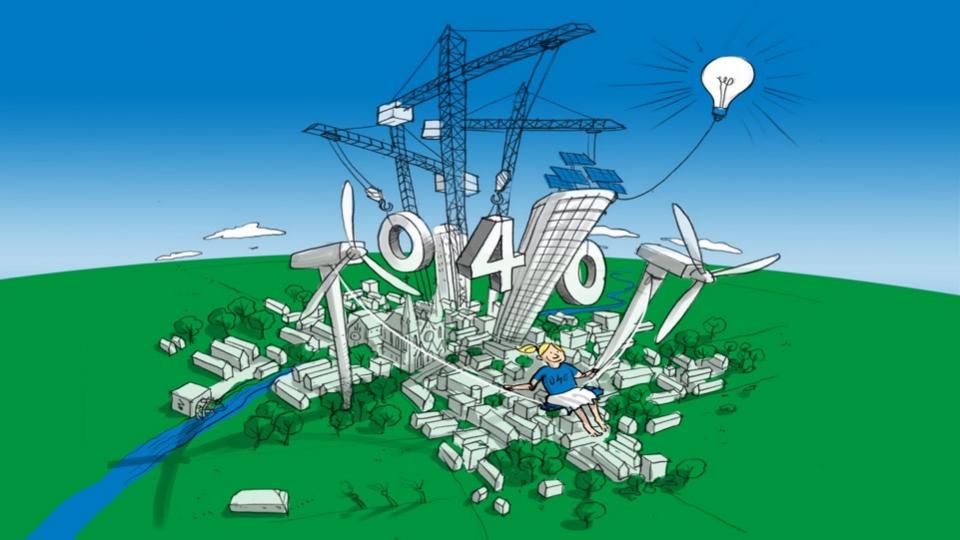


...it's about **humans** above all!









# End goal: all Dutch homes directly under one button!



- Building environment
- Public space
- National -> International
- Construction sector -> trans sectoral
- How?

- Geno type of NL mapped => map of home
- Feno type of NL mapped => map at home

# Shift happens, from yesterdays' logic to today's logic

Central

Hierarchical control

Linear and incremental

Profit, ownership

Product, construction drawing

End users and silos

Partial rationality

Intra sectoral

Survive

Business case

Operational excellence

Competitors

(Unconscious) part

Determinism (Newton)

Decentral

P2P and self-control

Circular and disruptive

Shared values: PPP + Pneuma

Service, 3D experience from genome

Prosumers and networks Integral systemic thinking

Intra sectoral and trans sectoral

The good live, cooperate

Value case

Operational and innovative excellence

Co-operative stakeholders

(Conscious) part and whole

Uncertainty (Heisenberg, ESW)

Challenge for smart cITy stakeholders

- Facilitating transition from left to right (mechanism design)
- · Initiate and learn to work with the digital city genome

You can only see it, once you've got it!

Johan Cruijff







# DIGITAL INNOVATION SUMMIT 2015





