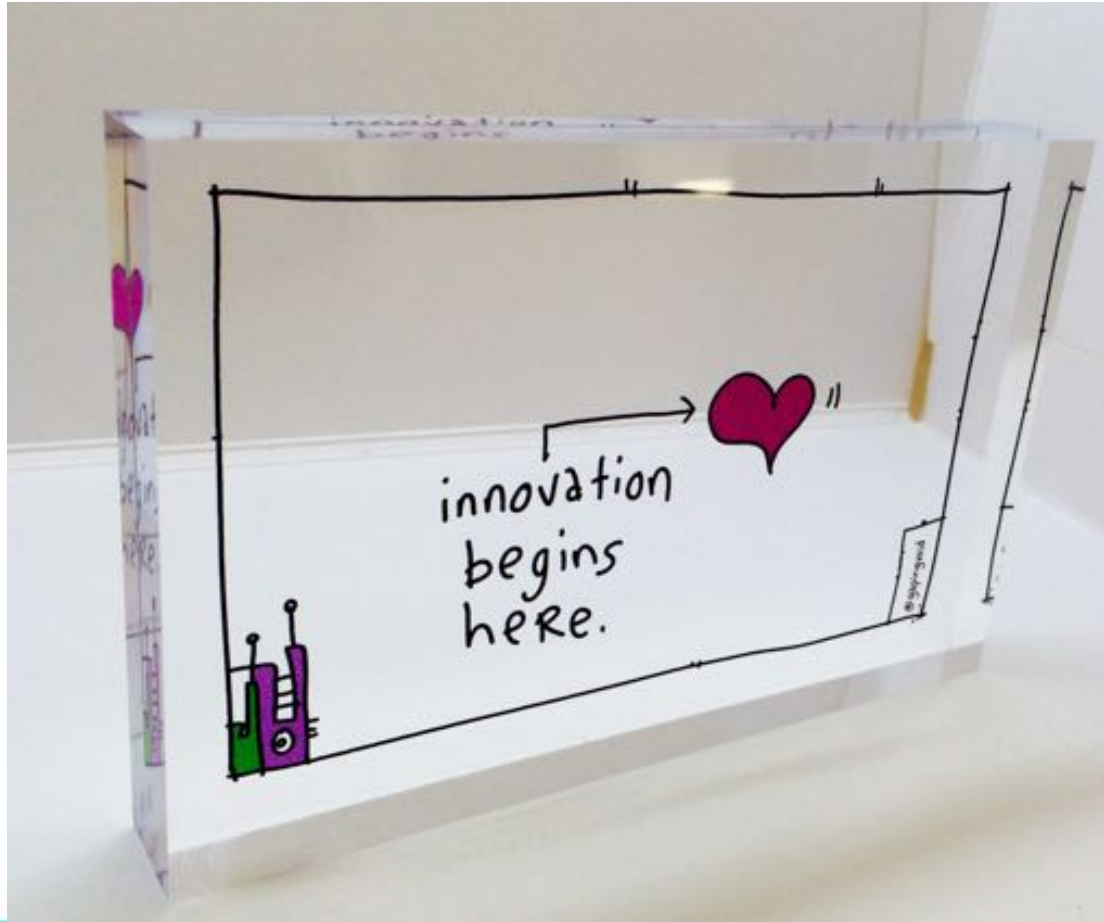




**ALWAYS  
LOOKING FOR  
CHALLENGES**

**ICT<sup>+</sup>**  
smarter solutions



# Introduction

Source: me (today)



## Focus on smart

Areas in which ICT's unique range of expertise has the highest impact and where its solutions provide the highest added value for its customers.

ICT focuses on:

**Smarter Industries, Smarter Cities, Smarter Healthcare.**



## Smarter Industries

Intelligent manufacturing technologies and the digitisation of information and communications in the value chain.

### **Example:**

[How do you control a production flow of 150 million polio vaccines?](#)



## Smarter Healthcare

Solutions to exchange medical data and to enhance communications exchange in the healthcare sector.

### **Example:**

[Massachusetts General Hospital: Managing the workflow of radiation therapy](#)

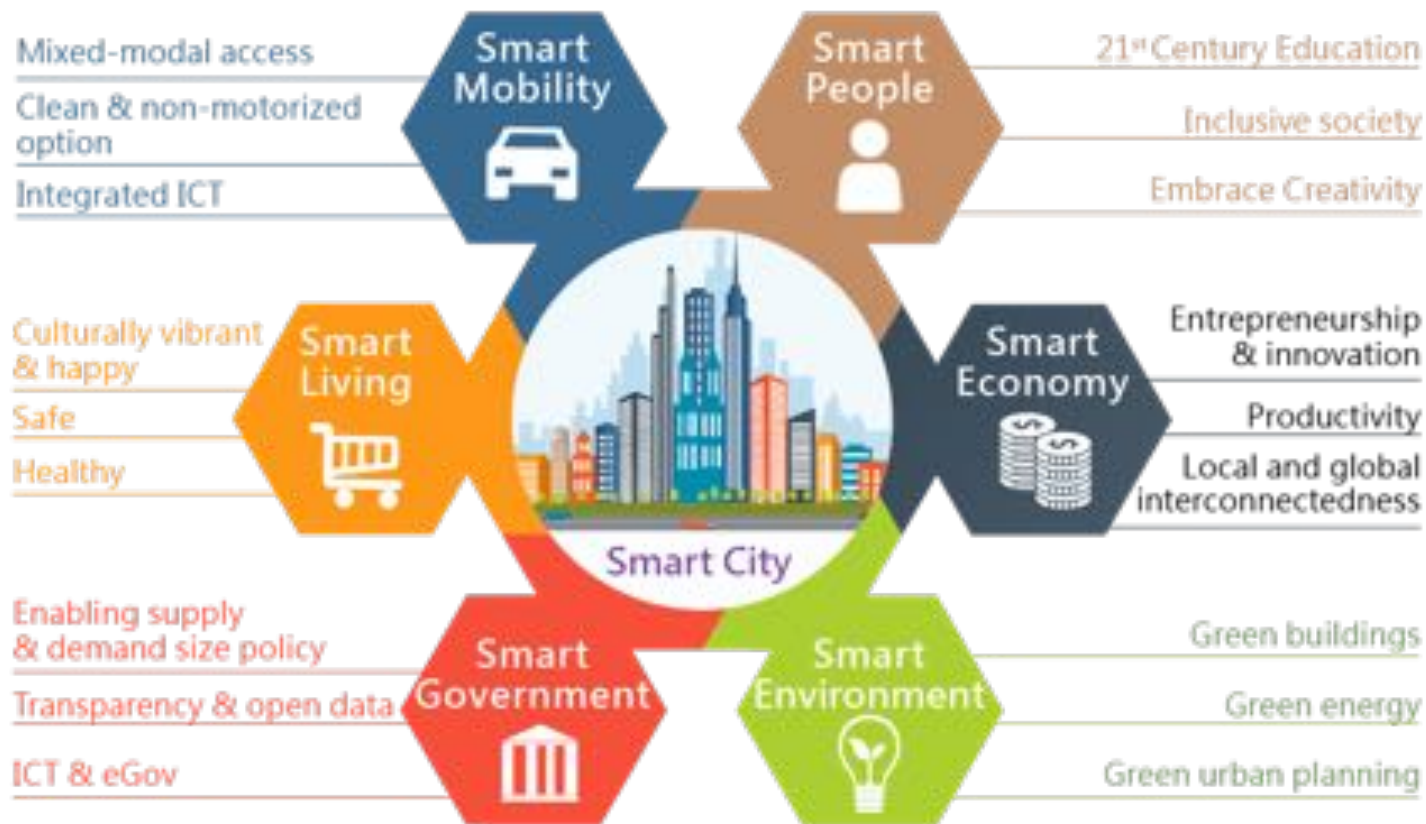


## Smarter Cities

Technologies to enhance the quality and performance of urban services, to reduce costs and resource consumption, and to engage more effectively and actively with citizens.

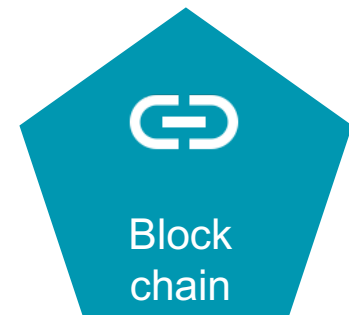
### **Example:**

[How do you enable central control of all bridges and locks in the Zeeland delta area?](#)



# Internet of Things

Source: *Boyd Cohen on FastCompany*



## Technologies enabling the people

Source: me (today)

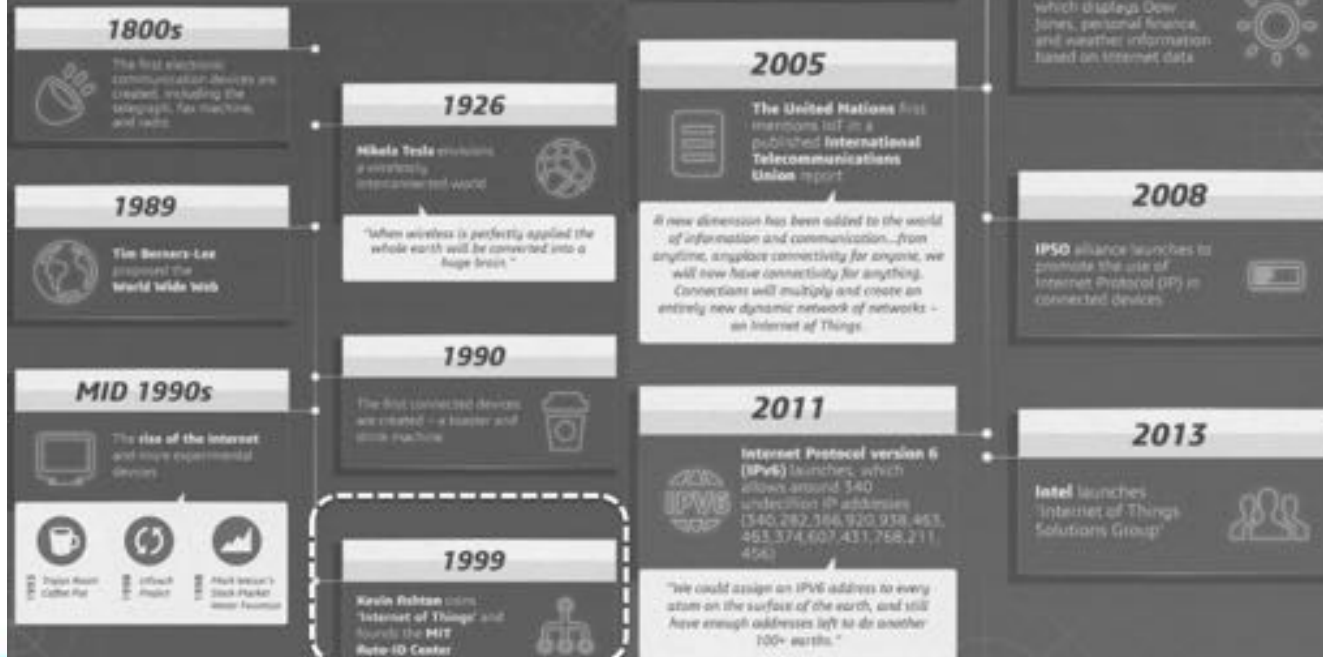




## Internet of Things

Source: me (today)

# History of Internet of Things



## Quick history

Source: Dr. Mazlan Abbas



Direct  
Interface



## Change of interface

Source: AWS connecting the unconnected



## Blue or Red pill

Source: me (today)





## Data is the new oil

Source: [Fortune \(Jul 2016\)](#)



## Data is the new coal

Source: [The Guardian \(Sep 2016\)](#)



**What's this?**





## Rock hyrax (Dassie in South African english)

Source: [Wikipedia](#)



Data science...overwhelming

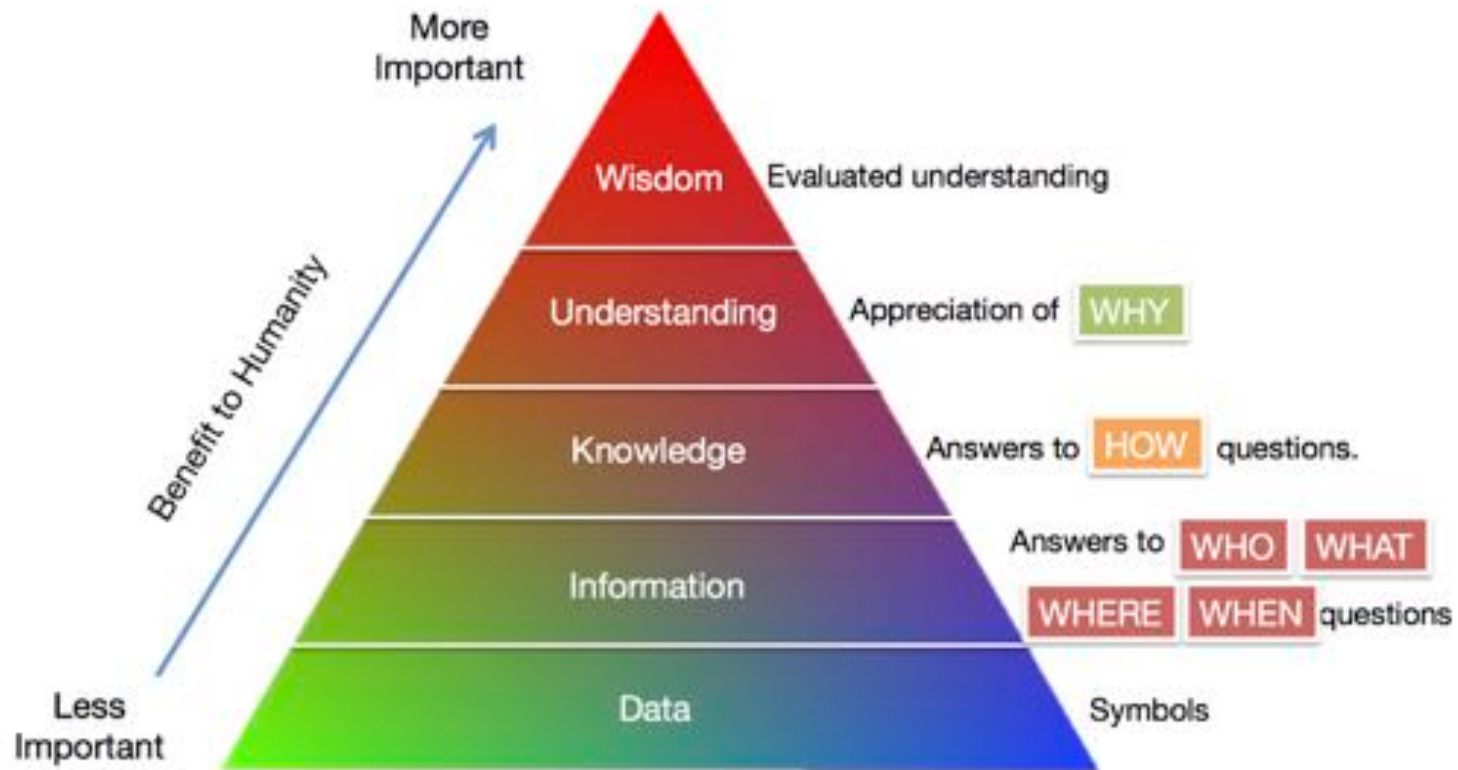
## The Challenge: Overwhelming Amount of Messy Data



tamr

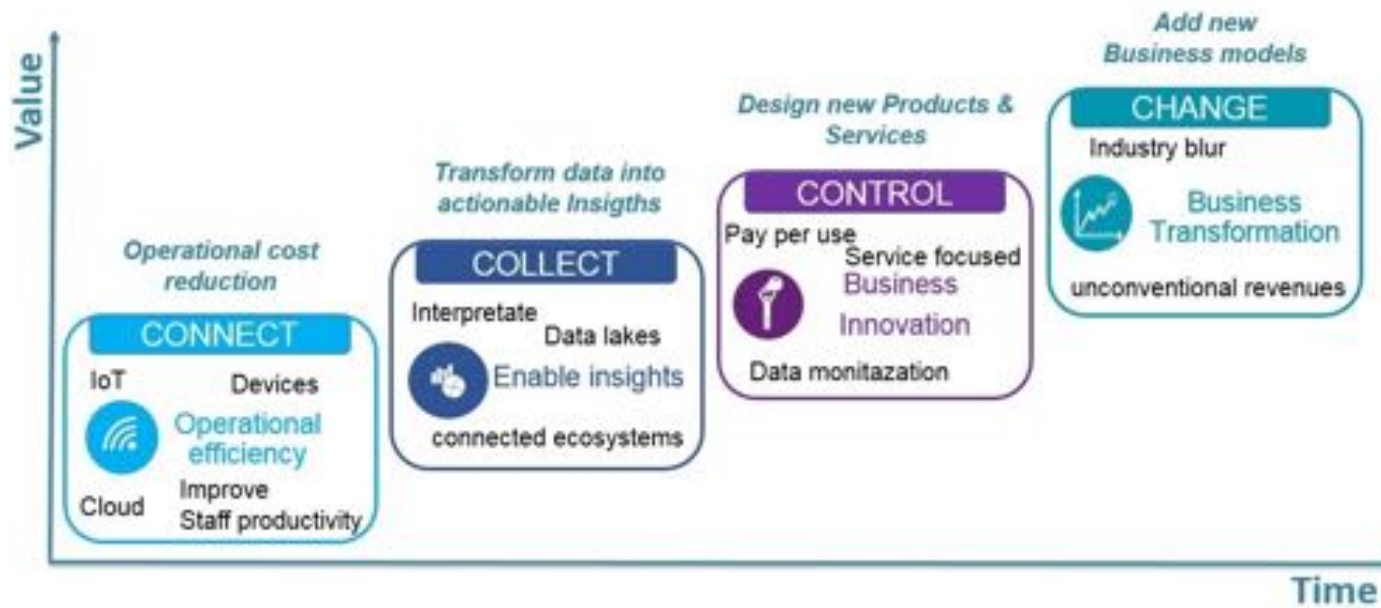
Data...overwhelming

ICT+



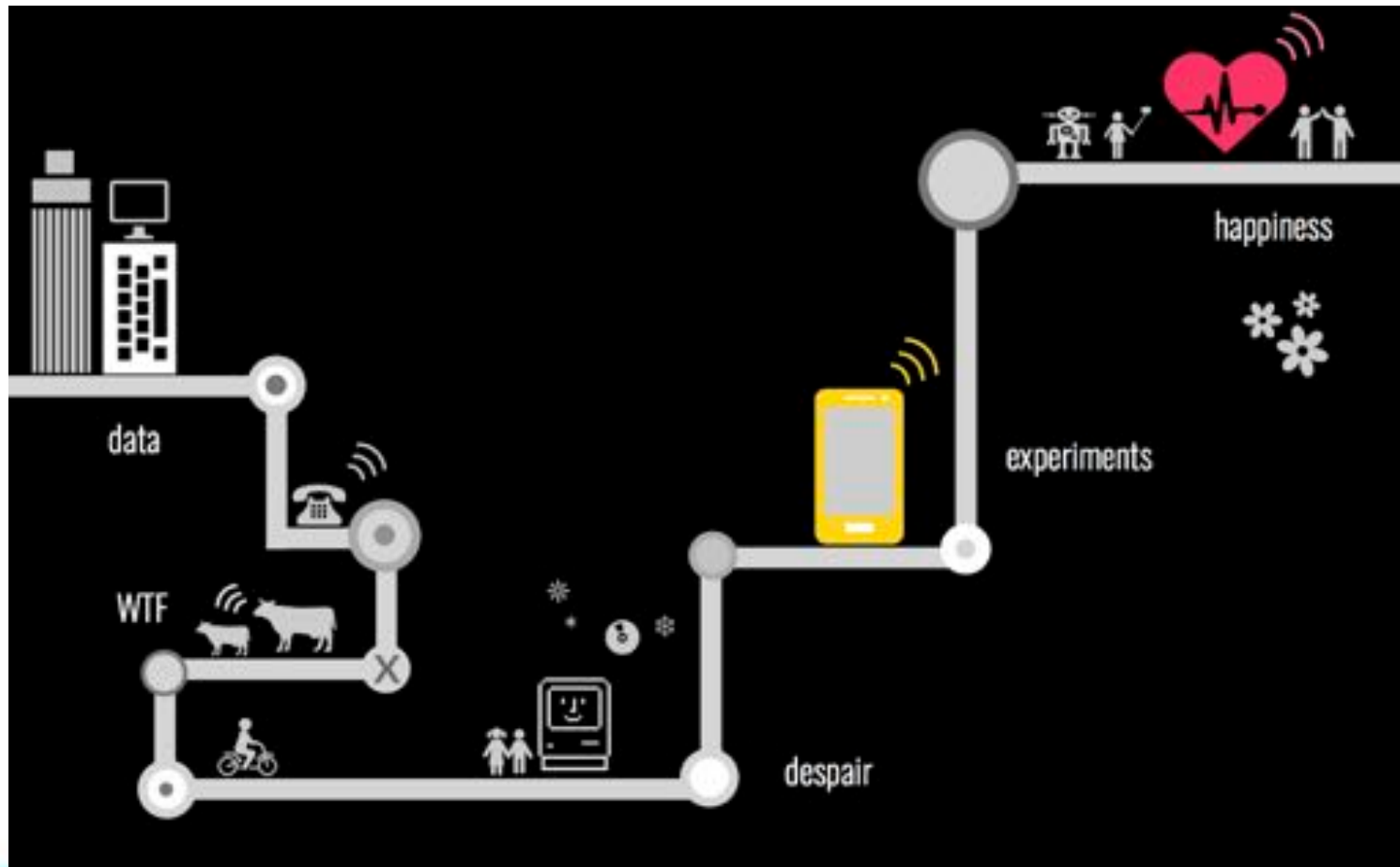
The more data that is created, the better understanding and wisdom people can obtain.

## Data...as a Maslov



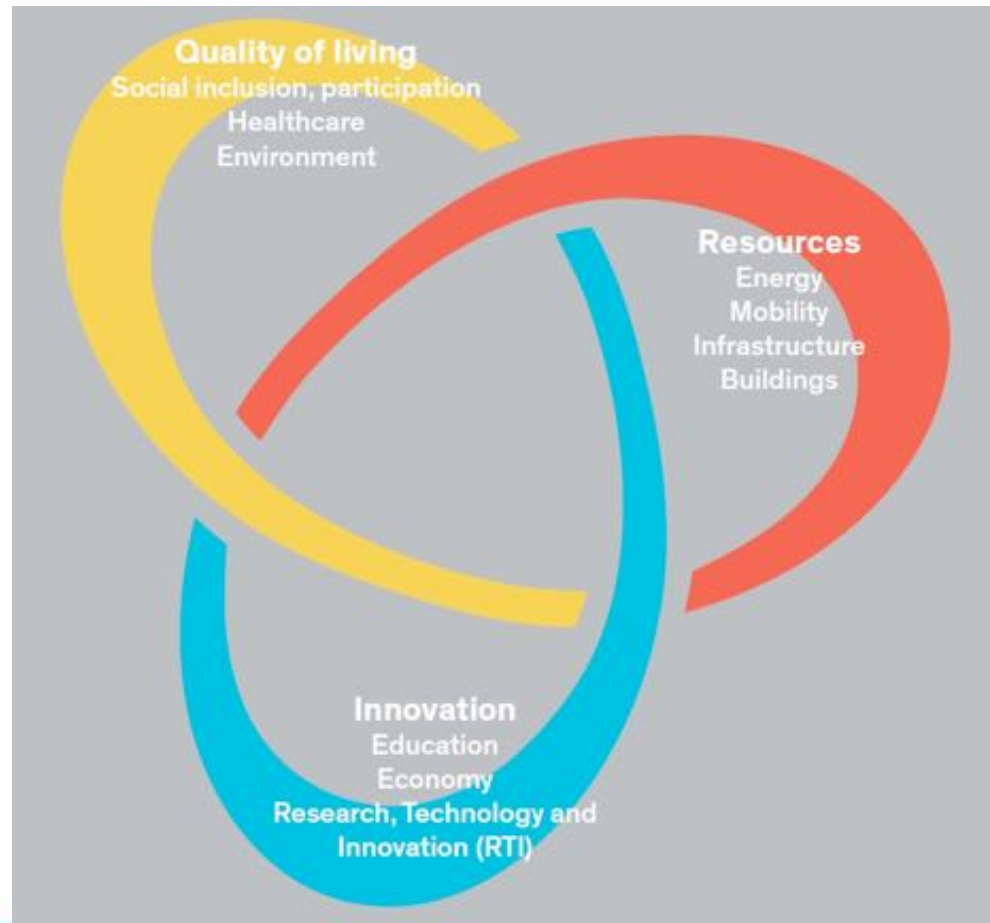
## The four C's

Source: ICT Group digital transformation



## Experiment and disrupt

Source: me (today)



## Smart city goals

Source: smart city Wien / Smart City Vienna 2050

ICT<sup>+</sup>  
smarter solutions