

# Future Track: Next Generation City of Things



- Five “random” members of the audience were asked to improvise and contribute to five areas that will shape the Next Generation City of Things.
  - Infrastructure
  - Data
  - Citizen engagement
  - Ecosystem
  - Policy
- As highlighted by Bart Rousseau (City of Ghent) the context is one of ever **increasing technological and social change**. The good news is that there is evolution in the discussions held in fora such as OASC, AIOTI and BDVA.



# Future Track: Next Generation City of Things



## 1) COMMON DATA-LAKES/SPACES AND THEIR SUSTAINABILITY

Needs to be complemented through the concept of a common value space which is based on a common understanding of value and the European approach, which differs to that of other world regions.

The ethical use of data is of course of paramount importance but the design of the algorithms that will become a big part of the Next Generation City of Things must be transparent.

## 2) USABILITY & USEFULNESS

There is a considerable amount of effort required to make the data useful. Nuria de Lama highlighted that only 5% of the data generated by smart meters is currently being used



# Future Track: Next Generation City of Things



## 3) DATA SHARING & VALUE SHARING

**Business models** (not necessarily always purely commercial) are needed to incentivise and govern sharing, particularly in the case of industrial data sharing. In cities there are two important elements: information and value. Cities use information to create value for their citizens.

## 4) FAIRNESS

**Imbalances in data and digital ownership** can result in social and economic inequalities. From Elena Simperl, City of the future has to be informed by data (maybe not driven);



# Future Track: Next Generation City of Things



## 5) INFRASTRUCTURE

Omar Elloumi emphasized 5G as a key enabler of the Next Generation City of Things. But infrastructure is not enough as Monique Calisti stressed: Cities cannot just agglomerate technologies but must define a strategy to digitally transform their cities so that their citizens can be “Happy”.

## 6) CO-CREATION

There are many techniques to involve citizens in the design of the Next Generation City of Things. The panel discussed that the right technique and tool must be selected for each stage of the process.



# Future Track: Next Generation City of Things



7) START-UPS: Much innovation will come from SMEs and start-ups, some of the elements that will enable their potential to be harnessed include:

- Simplified procurement
- Access to data
- Access to a single European market
- Regulation
- Cascade funding is a good tool



# Future Track: Next Generation City of Things



## CALL FOR ACTION

BDVA and AIOTI launched a call for action to evolve this discussion and develop a practical paper that can support policy makers in planning for the Next Generation City of Things.

### Moderators:

Tanya Suárez (BluSpecs/AIOTI) and Ana García Robles (BDVA)

