

Climate Alliance Digital Days

LOCAL SOLUTIONS TOWARDS A GREEN RECOVERY

online from 6–9 October | #CADigitalDays



Climate Alliance

From data to information

We have millions of data but to take good decisions we need proper information



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aX = -8232 | aY = -8668 | aZ = 9112 | gX = -2950 | gY = 8445 | gZ = 2434 | T = 28 °C
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From data to information



Normally the social essay focus on the negative aspect the digitalisation,

- Problems with data protection
- Big data,
- Risks of 5G technology

And ignore the big advantages of digitalisation

Digitalisation is not a disruption the society but a necessary positive development offering solutions!



Positive aspects of the digitalisation



Digitalisation generate new information, clasificate, discover relationships among processes, generate structures, pattern and models

- Digitalization drive a radical simplification to make things comparable
- The digital observation is not interested in individuals but in typologies
- We translate the word into data to recognize patterns and models
- We use data to observe and control the dynamics of processes
- Recombination of data generate new information non existing previously

Communication is nothing other than the succession of information and understanding (Niklas Luhmann)



Digitalisation and cities



Digitalization start at municipalities!

Urban planning and management of cities it is the basis for statistics and digitization in XIX century

- **How many wheat customs of the city, which transport routes are needed from abroad**

Smart cities discovered the power of data to develop municipalities technologically, make them more efficient and reduce CO2 emissions

- **Smart meters, sensor systems informing about transport flows, improvement of waste recollection, park management**

If municipalities (including smaller ones) miss the connection to digitization, they could may have negative consequences in there are of competence

- **Discrepacings in municipal services with other municipalities and lost of efficiency**



Digitalisation and cities



Municipalities have plenty available data in different sectors,

- Energy consumption, CO2 emission, air quality, private and public transport flow and problems...

We think the interconnection of all this data could generate useful information to manage environmental and climate changes process at the local level, providing also a solid information basis for the communication with the citizens

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Urban data platforms

Urban data platforms has being developed to highlight and communicate the activities of smart cities

They are they nodal point where converge data from different infrastructures (**water, weather, climate, energy...**) combined with citizens information (**consumption, behaviour, social topics...**)

The data is evaluated and used specially by environmental services!

This platforms are a cross sectorial technology and they have and environmental and climate impact allowing municipal departments and citizens to use this information and use resources in a more efficient way





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Urban data platforms



Urban data platforms need to consider citizens as fundamental actors, allowing civic engagement, participation and co-creation!

Example of the Urban data platform from Hamburg,

<http://www.urbandataplatform.hamburg/>





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Why we are organising this workshop

We want to discuss with Climate Alliance municipalities about how to use data to generate proper information related to climate change to be communicate to the population, but also internally used for a better decision making process!





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Questions



- Is your municipality already working with digitalised data, in which way?



Questions



- What kind of necessities do you have as municipality regarding data, information and communication of climate change
 - What kind of data would you like to interconnect?
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Questions



- Are you interested to define together the criteria and main characteristics of an urban data platform adapt to the necessities the Climate Alliance municipalities



Are you interested to work together with other Climate Alliance municipalities on recommendations about how to interconnect data to get useful information concerning climate change, to be communicate to your population
