LIVING IN THE CITY OF THE FUTURE

A networked house, autonomous driving and hyperloops: What do smart homes and smart cities have in store for our everyday lives?

#TAKEPART-Stories – an initiative of Deutsche Telekom AG
Facilitator’s guide for a workshop (approx. 25 minutes)
NOTES FOR MULTIPLIERS

In the course of this workshop, the phenomenon of “smart cities” will be examined in more detail. First, the relevant sub-areas will be introduced and explained. Then the potentials of the respective technologies will be shown based on everyday examples. In a final step, we will focus on designing our own smart city.

The idea of a smart city is usually shaped by technological or optical changes – but the people who live in smart cities, so-called “smart citizens”, also play an important role. They can contribute to the sustainability of a smart city.

The core statements of the workshop are therefore:

1. A smart city involves not only technological changes (new energies, new means of transport, etc.), but also social changes (improvement in the quality of life, social cohesion).

2. Today, life in the city of the future is no longer new to us in some areas, others still seem very utopian.

3. Everyday life will change fundamentally not only in the city, but also in our own homes. Smart homes have countless possibilities. Many of the benefits only become apparent once you have tested the technologies yourself. Nevertheless, everyone decides for themselves which areas of the home should become smart or not.

4. The technologies can have significant added value for our environment and a sustainable life.
SMART CITIES

PROCEDURE

“‘Smart cities’ are networked cities. In smart cities, many areas of public life are interconnected: health and education, traffic and transportation systems, municipal authorities and much more. This interconnectedness not only opens up new possibilities for mobility, but also for more participation in society.”

TASK

“Take a look at the video: List the possibilities and chances of a smart city.”

VOICETEXT

„Networked technologies are already being used in many cities. But people often do not yet feel that their city is smart. Why is that? In order to make a city “smart”, it needs an advanced technical infrastructure, the necessary financial resources and the participation of many creative people. Cities often lack the structures to meet these requirements or to use creativity in a meaningful way. They therefore initially tackle the idea of the smart city in small steps (e.g. the networking of public transport with an app). These first steps often take place in the background and are not visible to many people at first glance.“

POSSIBLE SOLUTION

“A smart city is characterized by environmentally friendly means of transportation.”, “The energy consumption of buildings is reduced.”
SMART HOME – AN OVERVIEW

PROCEDURE
“Welcome to the Smart Home. Take a look around.”

TASK
“How could the technologies make your everyday life easier?”

POSSIBLE SOLUTION
“I could turn the stove on or off while on the way.”,
“I could control the shutters while on vacation.”
GO GREEN!

PROCEDURE
“The city of the future is sustainable. The Danish capital Copenhagen already demonstrates how to implement this. Also, ‘green buildings’ are important. Green buildings are buildings that have already been sustainably planned and built. Green buildings waste no water and use only as much electricity as they need.”

TASK
“Are there any ‘green buildings’ in your area? Which sustainable elements were implemented there?”

POSSIBLE SOLUTION
“Our town hall now works with solar cells.”

NOTES
To phase 8 “Go Green!” Also belongs the following page “Green buildings”.
DESIGN YOUR SMART CITY

PROCEDURE
“A smart city can only become reality if the people in the city are actively involved. That is why it is your turn now! How do you see your city of the future? How do people get around in your city and what does your city look like?”

TASK
“Answer the questions and design your own smart city!”

POSSIBLE SOLUTION
“I imagine a smart city with public transportation and modern, green buildings.”

NOTES
Phase 10 is an interactive question and answer game. The users of the workshop have to decide on a statement (Statement A or Statement B).

Behind every statement is an explanation. Non-digital version: Read the statements and have the participants of your workshop vote on them. Arrange signs (e.g. getting up means “I am for statement A”, standing behind the chair, means “I am for statement B”).
THE CITY OF THE FUTURE?

PROCEDURE

“In this workshop you have learned about new technologies and concepts for smart cities. Pay attention to which of these aspects might be implemented right outside your own front door and stay tuned to see what the future has in store for your city.”

TASK

“What have you learned? What was new for you? What will you tell your friends about what you have learned? Which questions still need to be answered?”

POSSIBLE SOLUTION

“I didn’t know sustainability played such a big role in smart cities.”