Smart Sustainable Cities Survey

The International Telecommunication Union (ITU), based in Geneva, is developing a homogeneous manner to assess how sustainable and smart are cities. In order to ensure a close alignment with citizens needs and expectations, the experimentation intends to collect citizens' opinions and inputs in order to research:
1. How citizens could be directly involved in the cities smartness and sustainability evaluation;
2. How the current Smart Sustainable Cities (SSC) key performance indicators (KPIs) are aligned with the citizens view.

A survey has been created to determine the citizens' view about the smart and sustainable cities. In the first part of the survey, each citizen has indicated his city and his personal information. Then, each citizen was invited to assess the sustainability and the smartness of his city using a scale from 0 to 10 indicating his degree of satisfaction. The assessment in the survey was separated by different topics which are resumed here:
1. Environmental sustainability
2. Productivity
3. Quality of life
4. Infrastructures
5. Equity and social inclusion
6. Use of innovative technologies to provide services and a better quality of life to citizens

Finally, the citizens have written which key criteria are required to qualify a city as smart and sustainable.

The results of this survey available through the IoT Lab platform show that the European citizens are very satisfied with the current smart and sustainable cities. On the same time, the citizens consider that the three key criteria to define a city as smart and sustainable are the following:
1. Energy efficiency inside the green buildings
2. Greens areas in the cities
3. New technologies based on ICT and IoT

All citizens who have answered to the survey think that the citizens' opinions should be taken into account in the frame of the smart and sustainable cities. A very high majority of citizens thinks that the data collected by the sensors are very useful to evaluate the key criteria mentioned in the survey.