



Project SmartQuarterVision KA 2030+

**World Cafés with Citizens' Organizations of the Participating
City Quarters**

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23.10.2015, Karlsruhe



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no. 319962

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The City of Karlsruhe participates in the contest “Zukunftsstadt” (City of the Future) of the German Federal Ministry of Research and Education. The targeted vision: Karlsruhe 2030+ - a city in which information and communication technologies and resource-saving technologies are systematically used in order to reduce the consumption of resources, to enhance the quality of life of citizens and the competitiveness of the local economy permanently.

Based on this goal, a "SmartQuarterVision KA 2030+" will be developed at district level, which is supported by a broad acceptance among the citizens and transferable to other city districts. On the basis of two reference districts of Karlsruhe, "Knielingen" and "Mühlburg", different approaches of citizen participation for the vision development are exemplarily carried out and evaluated under scientific supervision.

Suggestions, ideas and wishes of the citizens will be identified within the framework of two large World Cafés (one per district) and several complementary participation offers for different target groups within the district population (senior citizens, migrants, adolescents, etc.) and other relevant actors (e.g. local business in the districts). Based on this input, individual district-visions will be developed and visualized with a time horizon 2030+ by a consensus for each of the participating districts. These district-visions then serve as a basis for applying for funding in phase 2 of the contest. In phase 2, a feasibility study on the visions will be carried out, resulting in an implementation plan for the realization of the respective vision.

SmartQuarterVision KA 2030+ is a joint project of the City of Karlsruhe, CyberForum, the Institute for Technology Assessment and Systems Analysis (ITAS) at the Karlsruhe Institute of Technology (KIT) and the European Institute for Energy Research (EIFER). The project runs from July 2015 to March 2016.

In order to develop the district-visions under consideration of the perspectives of different population groups, two specific World Cafés targeted to citizens' organizations of the participating city quarters “Mühlburg” and “Knielingen” took place on September, 16th and October 20th 2015.

On 16.09.2015, a World Café with 7 participants from the citizens' organization of the quarter "Knielingen" took place. These people are experts concerning any aspect of their quarter. A challenge was the delimitation of the currently ongoing urban development process in this quarter (initiated by the city administration) with time horizon until 2030 and our plan to develop a quarter vision with time horizon 2030+. After a longer discussion of this delimitation and the relevant fields of interest for the quarter vision of the future, very helpful insights and results could be reached. For the representatives of the civil society of Knielingen, the vision of the future of their quarter is dominated by a strong reduction of the car traffic and that there are additional bridges at the Rhine for pedestrians and cyclists. The streets should be marked with magnetic strips for self-driving cars. The vehicle population in the quarter should be reduced by 70 percent and roads should become avenues. In addition, the renaturation of industrial terrains at the quarter is desired, solar systems for all buildings in Knielingen and a large community center. The local supply in the district should be expanded, so that the citizens do not always have to leave the quarter for shopping. Also desired is a reduction of noise load and other emissions as well as an improved air quality. In general, Knielingen should become a green area with a lively village center with opportunities for local supply and encounter. Central demands are silence, health, natural environment and space for children, and the need for encounter and community.

On 20.10.2015, a World Café with 8 participants from the citizens' organization of the quarter "Mühlburg" took place. Similar to the members of the citizens' organization of the quarter "Knieilingen", these people are also experts concerning any aspect of their quarter. This quarter of Karlsruhe is participant of the German federal programme "Social City". In this context, there already has taken place a civic participation process, which dealt especially with social and urbanistic aspects of the quarter. The World Café took the results of this process up. In the future of Mühlburg, local supply plays an important role. Local businesses should be maintained, for example through cooperation by means of a common online platform for orders and delivery service. Also desirable is a health center as a meeting place for the people in the district, where medical and wellness services are offered. Also, a "multipurpose hall" would be desirable as a place to conduct festivals and celebrations in the district. Despite the development of a vision for the future, people want to emphasize the "historical and innovative" nature of the district Mühlburg (e.g. Carl Benz, the inventor of the modern car hails from Mühlburg and this should be emphasized by means of a Carl-Benz-Museum or the designation of the new shopping center as Carl-Benz-Center). Interesting would also be an app that makes it possible to see how certain places or roads in the district have looked earlier by superimposed reality (so-called. Augmented Reality). At the same time, also innovations should be tested and implemented in the district, i.e. as a testing ground for electric vehicles with quarter-wide e-filling station infrastructure, the use of self-driving vehicles, implementing an app for finding a parking space or an interactive traffic control system in the district. Ideal would be a "learning" district, which reacts to respective situations (traffic, weather, events, etc.) and adapts its infrastructure. Also functional mixtures are desired within the meaning of related services, e.g. you can leave packages in trams which are then automatically collected at the post office in the quarter. Another relevant point ugly places or places in the neighborhood that could be visually enhanced. With regard to demographic change, issues such as living together with several generations under one roof or shared apartments for the elderly are important. It is also important for future quarter development to obtain affordable housing, e.g. through low-priced building restructuring. Wanted was also an Internet forum for the exchange of young and old in the district, so that older residents can tell the younger ones or newcomers, how the life in the district was in earlier times in order to preserve the cultural heritage of Mühlburg. The results of the World Café provided valuable approaches for the development of the quarter-vision "Mühlburg 2030+".



Figure 1: World Café with citizens' organization of quarter „Mühlburg“



Figure 2: World Café with citizens' organization of quarter „Knieilingen“



About UPSIDE

The project UPSIDE – User-driven Participatory Solutions for Innovation in Digitally Centred Eco-Systems aims at delivering economic and societal benefits by fostering the emergence and development of User-driven Participatory Solutions for Innovation in Digitally-centred Ecosystems. The project aims at promoting the development of cooperation frameworks and synergy linkages between research, innovation activities within the companies, urban development policies and open user-driven innovation ecosystems “which are close to the interests and needs of cities and their stakeholders, including citizens and businesses, and which may bridge the gap between short-term city development priorities and longer term technological research and experimentation.”¹

Project Facts

Project Acronym: UPSIDE

Project Title: User-driven Participatory Solutions for Innovation in Digitally Centred Eco-Systems

Project Reference: FP7-REGIONS-2012-2013-1, Grant agreement no: 319962

Project Type: Coordination and supporting actions

Project Duration: 36 months from 01.07.2013 – 30.06.2016

Budget: €2,791,323 (total, EC Funding: €2,601,967)

Web: <http://www.upside-project.eu/>

Project Partners

- CyberForum e.V. (LEAD partner / coordinator)(Germany)
- Wirtschaftsförderung Karlsruhe - Economic Development Department Karlsruhe (Germany)
- inno AG (Germany)
- Stiftelsen Elektronikcentrum i Kista (Sweden)
- eGovlab ,Stockholm University (Sweden)
- Interactive Institute Swedish ICT (Sweden)
- Bevel (Sweden)
- Baltic Innovation Agency OÜ (Estonia)
- Tartu City (Estonia)
- E-Zavod (Slovenia)
- Mestna Obcina Maribor / City of Maribor (Slovenia)
- Samenwerkingsverband Regio Eindhoven (The Netherlands)
- Vereniging EIT ICT Labs Eindhoven (The Netherlands)
- Technische Universiteit Eindhoven (The Netherlands)
- Living Labs Global (Denmark)

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¹ Hans Schaffers et al.: Smart Cities and the Future Internet: Towards Cooperation Frameworks for Open Innovation. SpringerLink.com

