



## **Recent progress in Open Data production and consumption - examples from a Governmental institute (SMHI) and a collaborative EU research project (SWITCH-ON)**

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The Swedish Meteorological and Hydrological Institute (SMHI) has a long tradition both in producing and consuming open data on a national, European and global scale. It is also promoting community building among water scientists in Europe by participating in and initiating collaborative projects. This presentation will exemplify the contemporary European movement imposed by the INSPIRE directive and the Open Data Strategy, by showing the progress in openness and shift in attitudes during the last decade when handling Research Data and Public Sector Information at a national European institute.

Moreover, the presentation will inform about a recently started collaborative project (EU FP7 project No 603587) coordinated by SMHI and called SWITCH-ON <http://water-switch-on.eu/>. The project addresses water concerns and currently untapped potential of open data for improved water management across the EU. The overall goal of the project is to make use of open data, and add value to society by repurposing and refining data from various sources. SWITCH-ON will establish new forms of water research and facilitate the development of new products and services based on principles of sharing and community building in the water society. The SWITCH-ON objectives are to use open data for implementing: 1) an innovative spatial information platform with open data tailored for direct water assessments, 2) an entirely new form of collaborative research for water-related sciences, 3) fourteen new operational products and services dedicated to appointed end-users, 4) new business and knowledge to inform individual and collective decisions in line with the Europe's smart growth and environmental objectives.

The presentation will discuss challenges, progress and opportunities with the open data strategy, based on the experiences from working both at a Governmental institute and being part of the global research community.