

4ONSE Testing Partner Information sheet

This information is for institutions that want to participate in the research study named 4ONSE conducted by Massimiliano Cannata, from the University of Applied Sciences and Arts of Southern Switzerland (www.supsi.ch).

Project abstract

The 4Onse project aims to progress beyond the state of the art, providing detailed information on open challenges found in literature for these kind of open and non-conventional systems, specifically data quality, metadata accessibility and standardization. This will be achieved by integrating and further developing the available technologies to implement a fully open system: open data using CKAN, open standard using SOS, open hardware using Arduino and open software using istSOS. Such system will be deployed in an experimental monitoring system composed of about 30 stations which will be analysed in term of data quality; system durability; management costs; performances; sustainability. Moreover the suitability of this type of system will be evaluated in existing climatic-dependent management practices to understand its applicability, advantages and limitations.

Funding institution

This study is part of the Swiss Programme for Research on Global Issues for Development (r4d programme), which is a joint funding initiative by the Swiss Agency for Development and Cooperation (SDC) and the Swiss National Science Foundation (SNSF). The r4d programme supports research aimed at solving global problems with a focus on least developed, low and middle income countries.

Motivation for participating

Participating in the project as a "testing partner" will provide access to the technologies developed within the project and to join the network of institutions that are working to advance in non-conventional monitoring system. Public recognition of your contribution will be provided to all the testing partners. However, I cannot guarantee that you personally will receive any benefits from this research.

Confidentiality of the collected data

If you decide to participate by filling the form at the collaboration section of the 4ONSE website (www.4onse.org) any personal information that is obtained in connection with this study and that can be identified with you will remain confidential and will be disclosed only with your permission or as required by law.

Cost of participation

The cost of participation is limited to the acquisition of the station and to the required working hours to set up, deploy and maintain the system, which will comprise a non-conventional monitoring station connected to a remote data repository and publication system.

Participation

Your participation is voluntary. Your decision whether or not to participate will not affect your relationship with any of the 4ONSE partners or funding agencies. If you decide to participate, you are free to withdraw your consent and discontinue participation at any time without penalty.

Questions

If you have any questions about the study, please feel free to contact Massimiliano Cannata.

Your request for participation indicates that you have read and understand the information provided above, that you willingly agree to participate, that you may withdraw your consent at any time and discontinue participation without penalty, that you will receive a copy of this form, and that you are not waiving any legal claims.