ACTION

REVIEW SUBMISSION 163

CitiSens – From Knowledge to Action

------------------------ METAREVIEW ------------------------

Reviewers felt that this was an interesting proposal which has been well thought out, with the potential to empower citizens. All activities can be carried out online, except for one offline workshop. There is significant potential for impact, with a clear plan for the long-term sustainability and use of the project and its outputs. The only concern expressed by reviewers is in how detailed the plan to engage citizens is, with one reviewer noting that it is somewhat generic but may well work as expected.

----------------------- REVIEW 1 ---------------------

SUBMISSION: 163
TITLE: CitiSense - From Knowledge to Action
AUTHORS: Alexander Los

----------- Comments to the idea -----------

The proposal describes a well thought out plan to go beyond measuring air pollution and empowering citizens with mitigation actions with nature-based solutions. The proposal builds upon an existing sensor network and community. I'm also very curious to see what these so-called nature-based solutions (NBS)are, and there proven effect on air pollution. The data collected within this project will be freely accessible via an existing platform.

----------- Comments to impact -----------

The potential for the impact is good. The project describes nicely the funding importance and addressed problems. Also, the sustainability in this project is tacked by embedding it into the CS community platform.

----------- Comments to implementation -----------

The planned activities are in line with the size and budget of this call and seem realistic. Also, the team has plenty of experience. The team promises to keep in close contact with the community via online channels and platforms but could benefit from someone who has more extensive knowledge on this subject. Finally, the budget seems to be okay although I missed a little bit a more elaborate breakdown of equipment and other goods and services.

----------- Overall evaluation -----------
SCORE: 4 (good)

---------------------- REVIEW 2 --------------------

SUBMISSION: 163
TITLE: CitiSense - From Knowledge to Action
AUTHORS: Alexander Los

----------- Comments to the idea -----------

The proposal builds on an existing CS initiative and existing air pollution forecasts, and further extend it to localized air quality forecast, make air pollution reduction accessible and interesting to the public, and citizens will be engaged to design air pollution mitigation actions with nature-based solutions (NBS). The idea on integration of CS observation-based localized air pollution forecasts in CS networks and designing air pollution mitigation actions with NBS is innovative. The idea planned to be carried out online, except one activity on field lab experiment, but its instructions will be given at the online workshops. Air pollution data, including forecasts, and information about the field labs will be openly accessible. The information linking to private properties (i.e., NBS), will be either anonymized or not used on the open platform and in the reports. The idea adheres to open science principles and in accordance with GDPR.

----------- Comments to impact -----------

This proposal has great potential for impacts on the air pollution issue to be addressed within the targeted city. The idea will benefit the participants in terms of increasing momentum and strengthening awareness for the air pollution problem. The idea also has the potential for impact on awareness raising and behavior changing of citizens about applying NBS to mitigate air pollution in their surroundings.

With the permanent installation of the air pollution forecast system on the CS community platform, the proposed idea has great potential to be maintained beyond its lifetime.

----------- Comments to implementation -----------

The planned activities are outlined and are accessible to the participants and the public. Its online engagement plan is quite general, but it may work as expected.

The team has great expertise in environmental science, climate change and practical citizen science experience, but it seems that the team is lacking expertise in social science, humanities, and citizen science professionals.

The requested budget and budgeted amounts for each cost are suitable and should be achievable using the resources listed.

----------- Overall evaluation -----------
SCORE: 5 (excellent)

----------- CitiSense - From Knowledge to Action Project Proposal and Attachments -----------

2020-12-01-edu-nl-
eur-ihs-and-edspeco

2020-10-31-edu-nl-
eur-ihs-edspeco-sh

2020-09-25-gov-nl-
miniew-onderzoek-s