



Ciencia, educación y desarrollo sostenible local (Science, education, and local sustainable development)

Education for Sustainable Development (ESD) and localization of the Sustainable Development Goals (SDG).



Objectives

Overall goal

Contribute to the transition to sustainable development through the co-production of knowledge aimed at localizing the SDGs.

Specific goals

- Diagnose the existing socioeconomic and institutional situation to localize the SDGs.
- Develop a localization plan for the SDGs.
- Incorporate Education for Sustainable Development in the curriculum of Colegio Superior 42 (CS42).
- Build a communications strategy to engage society around the SDGs.

Description of citizen participation

Teaching staff, civil servants and social organizations participate in workshops where records are produced. The workshops will basically comprise two types depending on their participants. Type I workshops consist of researchers and municipal professionals. Type II workshops consist of civil society participants, professionals, stakeholders, specialists, and other participants deemed appropriate for better process development and promotion. In both workshops, people in charge of coordinating the project prepare a work agenda with the topics to be discussed, considering the problems that will be addressed, the hypothesis and the knowledge that they intend to process and discuss from a local perspective. The workshops are interactive and written and visual records are obtained for later use in reports and publications. In addition, in both cases, surveys are conducted to establish the starting points (baselines) of the project, involving high school and college teachers, municipal officials, and representatives of local organizations and institutions.

Type of citizen science project

- Co-created project: Citizens participate in all stages of the scientific process.

Participating parties.

The co-production of knowledge is performed by scientists and non-scientists (teachers, local government officials, and members of social organizations).

- Social actors of the Commercial and Industrial Center, neighborhood associations, and other high school and technical colleges in Vera.
- Officials of the executive and legislative power of the city of Vera.
- Teachers of Colegio Superior N.º 42 (CS42).

Status. In progress.

Time frame. 01/03/2021 - N/A

Frequency of project execution. According to the demands or approaches to the community/communities.

Participation period. As requested by teachers and authorities of Colegio Superior N.º 42 "Dr. Agustín Rossi", the project has an initial duration of 4 years.

Scope of the initiative. Local (city, province).

Geographic scope. Vera, province of Santa Fe, Argentina.

Project development members. It has been developed with the collaboration of both scientists and participants without formal training.

Number of participants. From 51 to 100.

Action/s involving citizen participation.

- Problem definition.
- Data collection.
- Data analysis.
- Phenomenon monitoring.

Technological device/tool required.

- Cameras and cellphones.

Recruitment methods. By means of educational institutions and the Municipality of Vera, which publish the activities and results of the project through the Communications Office, which reports to the Secretariat of Institutional Relations of Santa Fe, together with the Project's Communications Module.

Replicability. It has not been replicated yet.

Scalability. It began in Colegio Superior 42; currently, representatives from other colleges are participating. In addition, a Focal Point was created (area designated by the highest authority of the Municipality Vera, responsible for the process of incorporating the SDG 2030 Agenda into local management.)

The Focal Point is essential for scalability; some of its functions are (i) to promote the SDG initiative among local executive and legislative offices, and the community; (ii) to contribute to local diagnosis and the localization plan of the ODS; and (iii) to coordinate the localization plan monitoring.



Open access to data. The initiative is open. Records are created and made available for all citizens and publications will be made.

Feedback. In the workshops, the results of the analysis of the data collected (surveys) and the bibliography of the project are shared.

Linkage with state agency/government. The Municipality of Vera and the City Council.

Institutional funds. Currently, there is no financing; the participants of the initiative work ad honorem.

Awards/distinctions. No.

Comments. There is great potential for the initiative to be replicated in other cities. Initial results can be observed and measured in the first year, based on the data recorded in the baselines.

Knowledge areas/disciplines (OECD)

Social Sciences / Education Sciences

Social Sciences / Political Science

Leaders.

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