

Environmental noise and health: building citizen science community with internal and external stakeholders of elementary school in Ljubljana, Slovenia

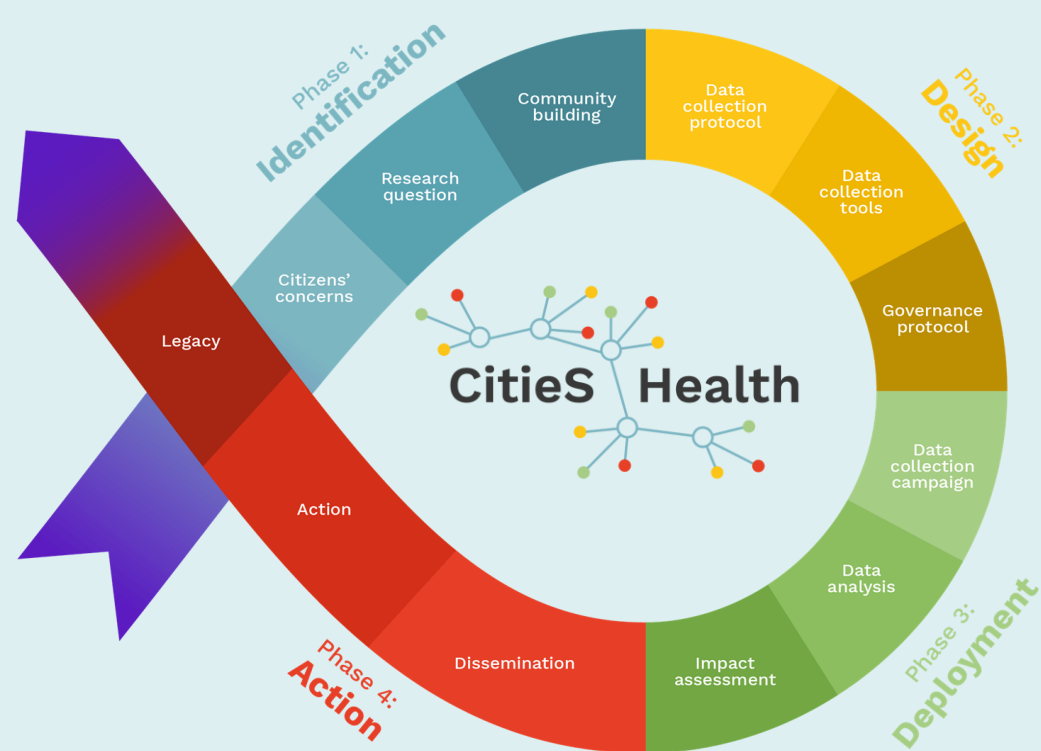
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Here we present some preliminary results of an ongoing citizen science epidemiological study conducted in Ljubljana Slovenia within the European Commission's Horizon 2020 project called CiteS-Health (citieshealth.eu) and focusing on link between exposure to noise and health impacts.

Cities-Health Engagement Framework



- **Identification phase:** identification of concerns and interests of citizens regarding noise and health, and translation of respective selected topics into research questions.
- **Design phase:** co-design of data collection protocols; familiarizing participants with the tools.
- **Deployment phase:** overall data collection and analyzing; reflection on the findings.
- **Action phase:** participants work together to propose courses of action.



Face-to-face meetings



Engagement activities

Demonstrations of tools



Scientific experiments



Tailored events



Inclusion in the school curriculum

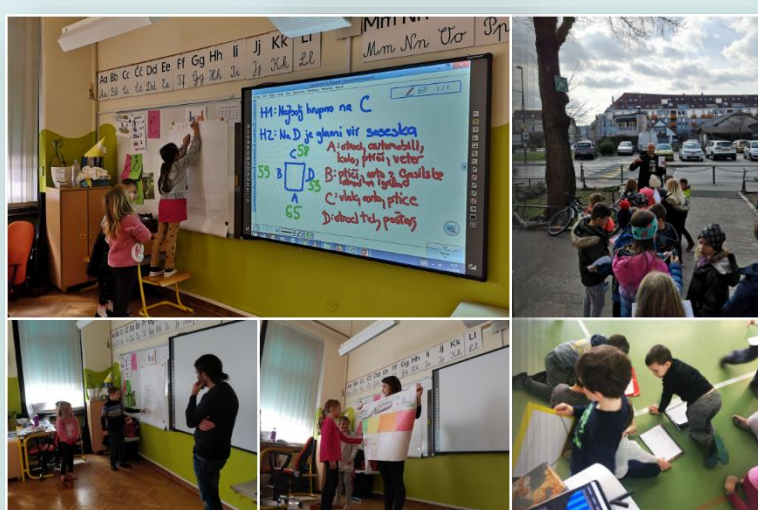


Nature day event

Research assignments



Technical day event



Take home messages:

- Schools are ideal environments for conduction of citizen science activities.
- Hands-on experience of pupils with scientific processes contributes to their improved scientific literacy.
- Concept can be adjusted according to specifics from other science and technology fields.