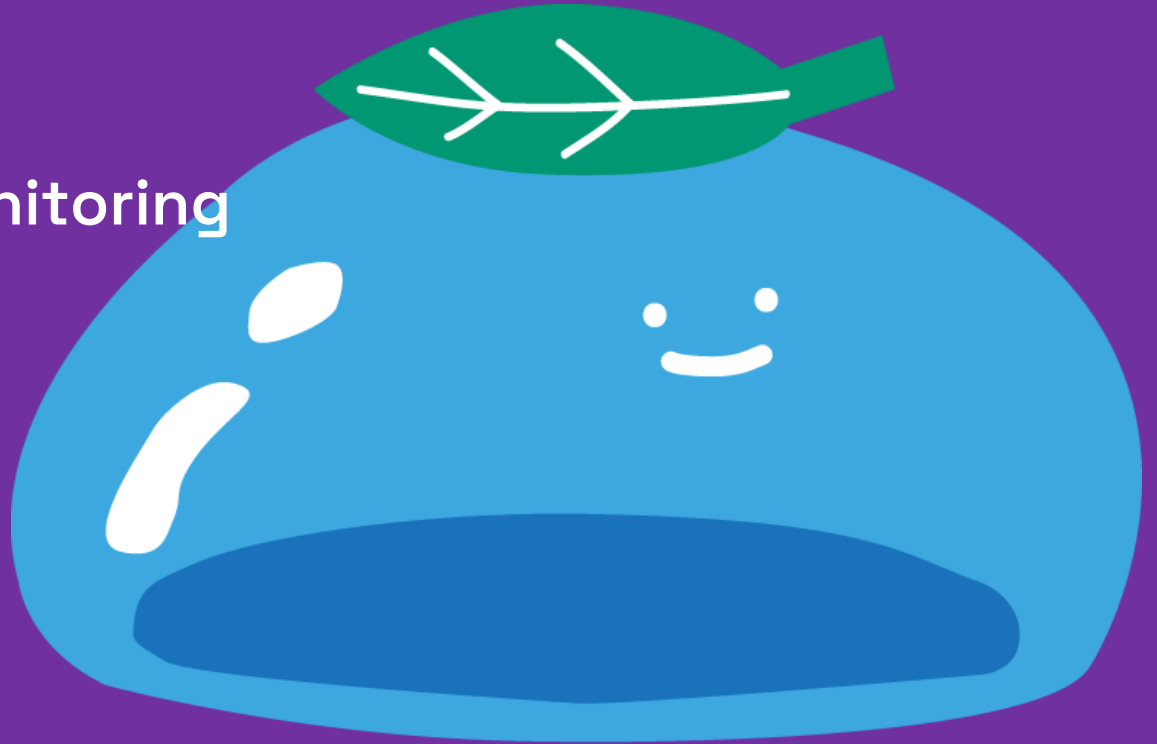


# SuDS<sup>+</sup>

## Citizen Science Monitoring

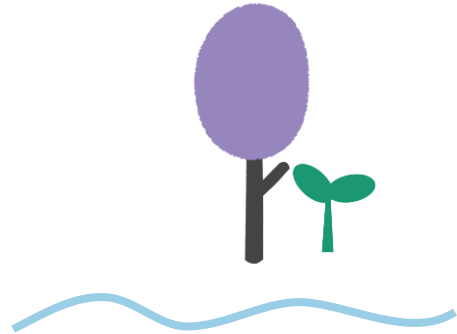
November 28th 2024



# Objective

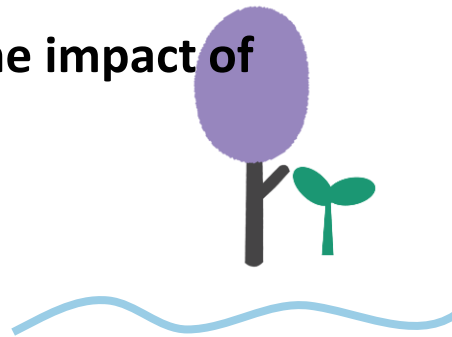
**Exploring the potential of citizen science as a non-traditional source of data to monitor SuDS benefits**

- Local Knowledge Integration**
- Community Ownership**
- Cost- Effectiveness**
- Adoption- Acceptance**



# Co-Creation Tools

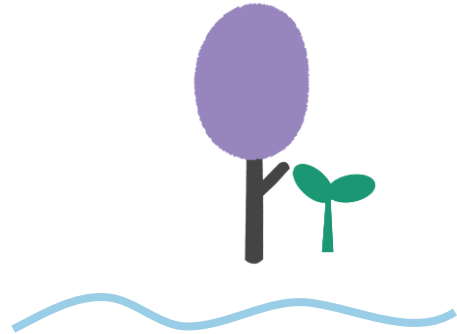
- App for residents to report observations, flooding, issues, or wild-life sighting.
- Engage the community in collecting monitoring data, to evaluate SuDS performance.
- Interactive Dashboards - to share data collected and show the impact of SuDS, encouraging further engagement and refinement.
- Design Input – Idea Generation



# Awareness and Education

## Development of Education Tools

- Workshops and Demonstrations in use of Technology
- Equip residents with the skills to collect environmental data and understand SuDS principles, fostering local expertise.
- Scenario Simulations through Digital tools and games.



# Monitoring – Community Engagement

## Community Involvement in Data Collection:

Method: Measure the number of participants involved in participatory data collection related to SuDS

Tools: Mobile Apps for Monitoring:

Metrics: Number of participants, amount of data submitted, and quality of citizen-collected environmental data

## Social Media and SuDS Media Engagement:

Method: Monitor local social media platforms, community websites, and news articles to track public sentiment, engagement, and conversations around the SuDS project.

Tools: Social media monitoring tools (e.g., Web scraping, Hootsuite, Brandwatch), media tracking services.

Metrics: Number of posts, likes, shares, and media mentions of the project.

## Attendance and Participation in Events:

Method: Track the number of participants in community meetings, workshops, and events related to SuDS co-creation and maintenance.

Tools: Event registration systems, attendance sheets, or digital tracking tools.

Metrics: Number of events held, number of participants, and repeat participation to gauge ongoing community interest.



# Monitoring – Educational Outcome

## **Youth Engagement:**

Method: School Collaboration Education – Gamification

Tools: pre- and post-program quizzes

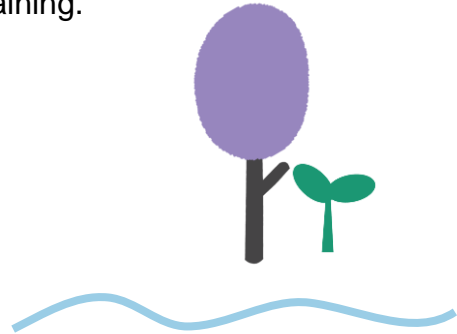
Metrics: changes in environmental awareness or knowledge .

## **Skills Training and Workshops:**

Method: Track the number of community members who participate in SuDS-related training such as monitoring

Tools: Workshop attendance records, feedback forms.

Metrics: Number of participants trained, new skills acquired, and feedback on the usefulness of training.



*Thank you!*



[stanleysuds.co.uk](http://stanleysuds.co.uk)



[stanleysuds](https://www.facebook.com/stanleysuds)