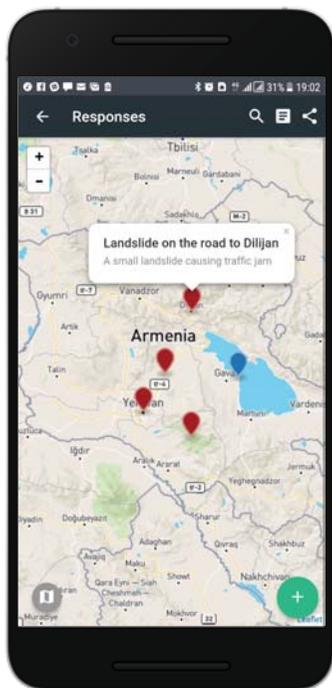


## Key Facts

- › Addresses data and information collection gaps
- › Innovative use of Unmanned Aerial Vehicle (UAV)
- › Makes the best of crowdsourcing tech
- › Based in Yerevan, operated country-wide



[www.ushadir.am](http://www.ushadir.am)

Crowdsourcing platform is under development. Please give it a try!



[www.airesvalley.com](http://www.airesvalley.com)  
[www.ushadir.am](http://www.ushadir.am)  
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Aires Development Foundation  
Yerevan, 2017

# AirAid: Aerial Observation and Environmental Crowdmapping Platform (Phase 1)



**SGP** The GEF Small Grants Programme | **25 YEARS**



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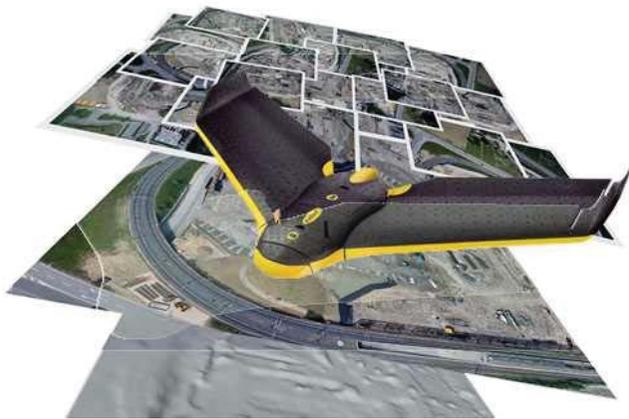
## The Project

The project aims to improve environmental governance through the development of capacities of civil society organizations and the government working in the field of environmental conservation and management. AirAid platform will seek to channel the issues of common concern among participating organizations serving as a link between the CSOs and the respective governmental agencies.

AirAid platform tackles one of the key problems related to data collection, processing and availability.

It explores the opportunities for the use of UAVs for remote monitoring and earth observation. This is done by establishing a mobile UAV operational base followed by aerial imagery acquisition, processing and analysis training.

The project also establishes a communication channel - Ushahidi based crowdsourced desktop and mobile reporting web-portal with data integration, mapping and visualization functionality.



## Expected results

The main output: **enhanced environmental monitoring, reporting and visualization capacities and capabilities through the adoption and use of innovative and participatory technology.**

- Operational UAV-based on-demand monitoring capacity: aerial imagery collection; stakeholder specialists capable of conducting flight planning and operation;
- Online crowdmapping platform with desktop and mobile application interface available for information collection and visualization.
- Capacity building for stakeholder organisations: specialists from the Ministry of Nature Protection and partner NGOs trained on aerial image acquisition methods, processing and analysis.

## About us

The project is implemented by Aires Development Foundation, initiated by a team of aerospace, education and renewable energy enthusiasts. The foundation's work concentrates on development critical sectors like aviation and aerospace, environment, transportation, ICT, humanitarian assistance. The foundation:

- Focuses on imaginative, solution oriented young talent
- Facilitates startups in research and development of products and services that promote the adoption and use of renewable energy and clean technologies in Armenia
- Promotes collaboration opportunities between governmental agencies, private enterprises, public organizations, science and research institutions.

