

# Final Report

Kudo, India

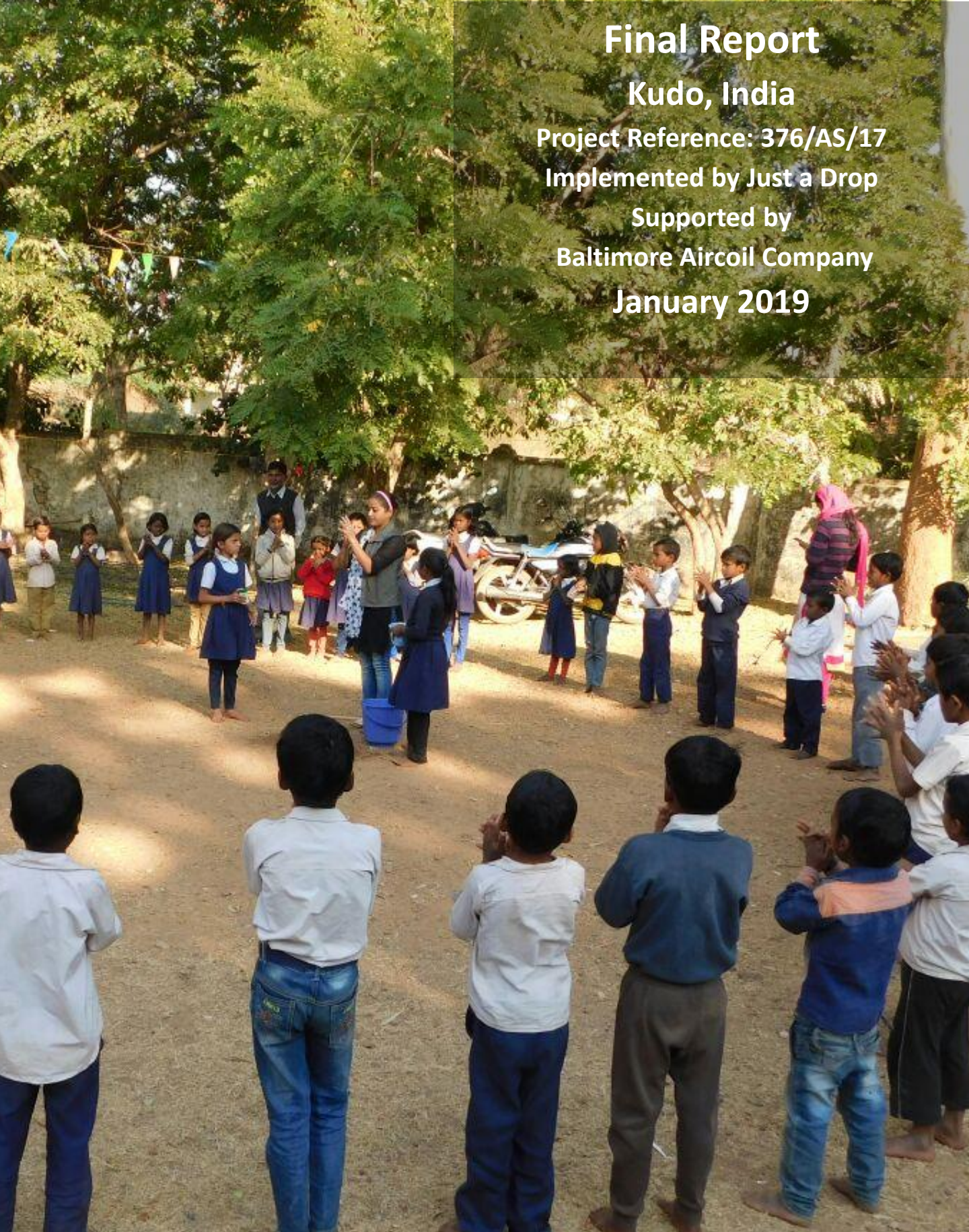
Project Reference: 376/AS/17

Implemented by Just a Drop

Supported by

Baltimore Aircoil Company

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# The Project

Just a Drop is pleased to provide the final report to Baltimore Aircoil Company for Kudo in India, where we have brought safe water and sanitation to 820 people.

India is a nation of over 1.2 billion people, and is the second largest country in the world in terms of population size. Growing numbers live without access to safe water and in particular, adequate sanitation, which has a huge impact on health; India is home to half of all of the world's malnourished and underweight children. Open defecation is widely practised due to inadequate sanitation, and 70% of India's surface water is now contaminated and not fit for consumption.

The following outcomes have been achieved:

1

## Access to safe drinking water

- A piped water system to 70 households in the community from a 300ft well using a solar pump and 40,000 litre storage tank
- Renovation an existing check dam
- Upgrade 3 existing hand pumps

2

## Access to sanitation facilities

- Construction of 6 individual latrines/bathrooms for 6 model families
- Renovation of 50 existing latrines
- Refurbishment of school sanitation block and construction of handwashing facilities

3

## Improved hygiene practices & knowledge

- Established a Water and Sanitation Committee
- Water, Sanitation and Hygiene (WASH) training with the community, including safe water and handwashing

Helping to tackle the United Nations Sustainable Development Goals:

6 CLEAN WATER AND SANITATION



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



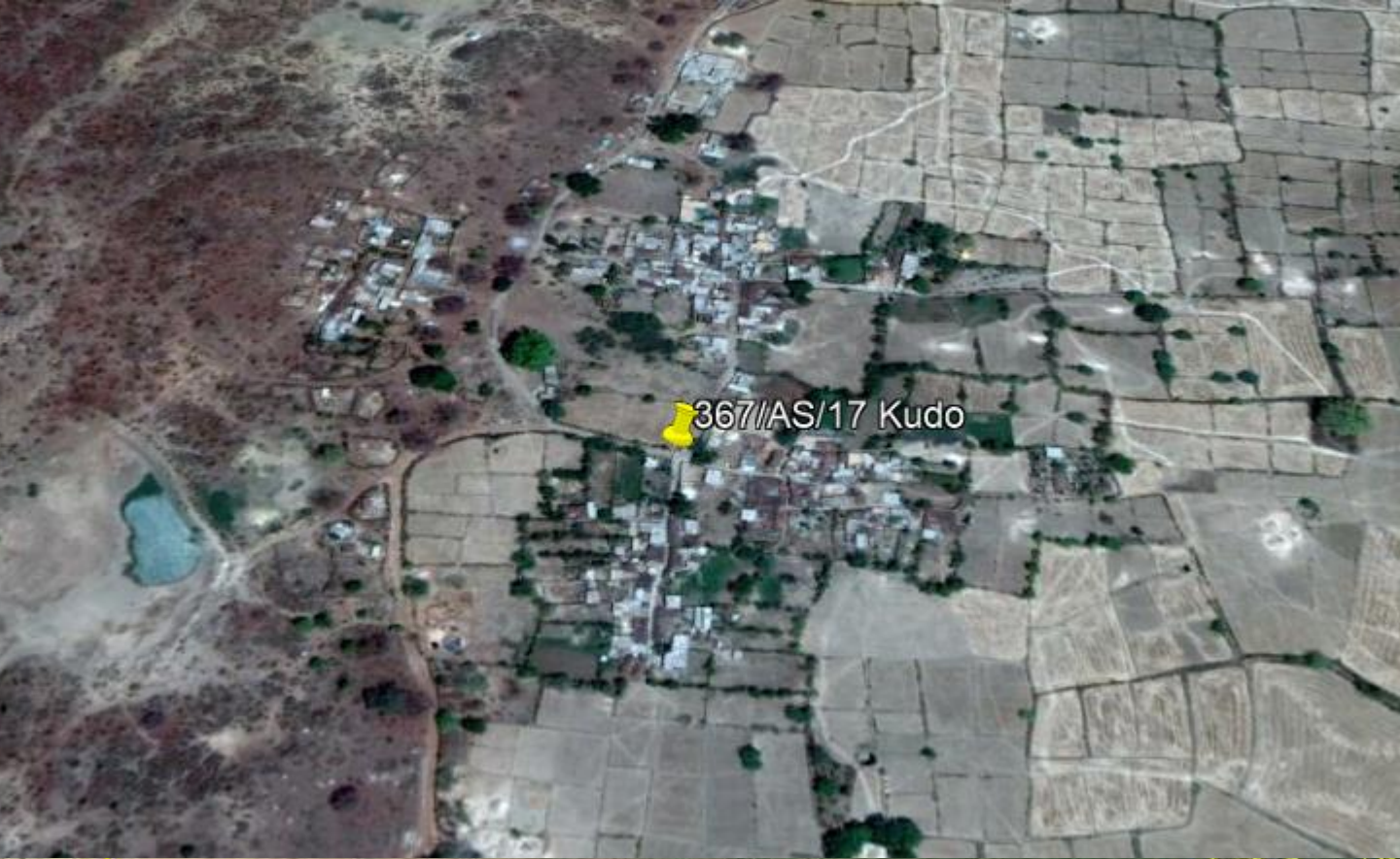
10 REDUCED INEQUALITIES





# Location

The GPS coordinates of Kudo are: 23.892047, 80.315867





# Kudo

With funds generously donated by Baltimore Aircoil Company, work began in 2018 on a project to improve access to safe water and sanitation for the community of Kudo.

Previously, the community had just 4 handpumps to serve the entire village which meant very long queues to collect water and they also had a very poor yield. The situation around the school was extremely bad with open defecation clearly present. This is now a thing of the past. Through the drilling of a borewell, water distribution system and upgrading 3 handpumps, the entire community of Kudo has access to safe water, including the school. This will dramatically change the health and wellbeing of the community.

40,000 litre capacity elevated reservoir under construction





# Kudo

Check dams are a key aspect in watershed management as they recharge the ground water level ensuring the wells do not dry up in the dry season and ultimately can transform the agriculture of the surrounding area. Therefore, the renovation of the check dam in Kudo was an essential part of the project.

Model twin pit toilet/bathing area units along with clean water storage tanks, drinking water pot with tap, kitchen waste soak-pit and compost pit have been constructed for 6 families, acting as a model for the rest of the community to follow. The renovation of 50 existing latrines and the school sanitation block, has further encouraged Kudo to adopt safe sanitation practices.

Renovated check dam





# WASH

During the project, we worked with the community at household level, as well as with institutions and the school, to construct improved sanitation facilities and to improve hygiene practices.

Different awareness campaign meetings were conducted with door to door visits and training, for improving hygiene practices of the people living in Kudo. Every family that uses the project's water supply was trained on the correct use and maintenance of the drinking water and sanitation facilities, helping to reduce the cases of waterborne diseases and ensure sustainability. Some households have started using waste water in their kitchen garden for productive use such as vegetable farming.

This project is continuously supporting and facilitating behavioural change in the community on sanitation and hygiene, including supporting adolescent girls on menstrual hygiene management. Menstrual hygiene is fundamental to the dignity and wellbeing of women and girls and an important part of the basic hygiene, sanitation and reproductive health services to which every woman and girl has a right.



Vegetable crops in Kudo



# Sustainability

Just a Drop aims to ensure that the local community is involved with a project from the outset to encourage community commitment and ownership of the project, supporting its sustainability. This means commitment at all stages, from agreeing to the concept of the project through to maintaining it after completion.

A Village Water and Sanitation Committee has been set up to oversee the maintenance of the facilities. A contribution from the beneficiary group of INR 1,000 has been collected as a corpus fund and a Water User Charge is also being collected from the water user groups. A solar water pump has also been installed so that the water supply scheme can run smoothly, even in the absence of electricity.



Village level WASH meeting



# Impact



I was always worried about both of my daughters as we have to go outside for defecation, most of the time we all had to go either in the early morning or late evening/night. Our constructed toilet was not of usable quality but Just a Drop has not only constructed a new toilet but water has also been provided.

Also addressed was an issue on which, we the women of the village, don't want to talk with anyone i.e. menstrual problems that arise due to lack of awareness. We have been trained about the hygiene behaviours to be followed during those days and my daughters have also been trained, now we have started to talk about these issues. Really I had never expected that these changes will happen in our lives.



- Antia Bai, 45 years old



Renovated latrine





# Impact

## The expected overall impact on the community is:

- An improvement in health and well being across the community, as the instance of water-related illnesses will decrease with reliable access to safe water
- Children will be able to attend school more regularly and improve their performance, as they will be less ill
- Reduction in the need to spend money on medications, money which can be used elsewhere
- Improved economic opportunities and increased productivity, particularly as precious time is not spent collecting water



**Just a Drop is very grateful to Baltimore Aircoil Company for your support – thank you!**



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