



## HUMANITARIAN INNOVATION FUND

### Final Report for Diffusion Funding

*Please try not to exceed 5 pages (Arial, 12pts) excluding attachments*

Organisation Name	Université Laval
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Project Title	The Inclined Plate Settler: Juba deployment
Partner(s)	Oxfam GB
Problem Addressed / Thematic Focus	WASH
Location	Juba (South Sudan)
Start Date	October 2015
End Date	November 2017
Total Funding	Total HIF and other contributions to this project
Total Spent	88583 GBP

Reporting Period	Final
Type of Innovation	Diffusion
Project Impact Summary	The innovation was successfully tested in the field and its performance has been validated in South Sudan. Partner organisation has now taken up the use of the technology and will be pursuing it further for use in humanitarian water supply interventions.

## ACTIVITIES CARRIED OUT

1. Describe all the activities carried out. Please attach a workplan or log frame, if these were used.

Since the last report in August 2017, the two remaining activities were the:

– Dissemination: this relates to the preparation of an abstract to be submitted to the Emergency Environmental Health Forum to be held in Berlin in March 2017 as well as a manuscript to be submitted to the journal *Water* that has an open special issue on WASH in Humanitarian Contexts.

– Final reporting: this report.

2. If you have made changes or amendments to the planned activities and objectives that have NOT been detailed in an *Agreement Amendment Form*, please list them here.

Not applicable.

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## ACHIEVEMENTS

3. Has the diffusion been successful?

☐ Completely successful

☒ Significantly successful

☐ Partially successful

☐ Completely unsuccessful

*Please explain further:*

The diffusion has not been completely successful, as there has not been a full take up of the innovation by other agencies. However, not much time has passed since the end of our fieldwork and it is possible that such uptake will take some time. We have had interest expressed by other agencies wanting to deploy it in Bangladesh as part of the response to the Myanmar Rohingya refugee crisis. Thus, it is believed to be significantly successful, as we believe to have attained the objectives we originally set out to do. Discussions with project partner (Oxfam GB) have evidenced that they will proceed with the use of the inclined plate settler technology.

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## MAJOR OBSTACLES

4. Please list the three most significant obstacles faced during the project and describe how they affected the planned activities and results.

Obstacle	Impact of Obstacle
1. Delays in exporting the plate settler system from India to South Sudan	Delays in project
2. Deteriorating security situation in South Sudan resulting in the evacuation of researcher and Oxfam staff during summer 2016	Delays in project and need for amendment.

5. Please indicate what steps were taken to address these obstacles and whether the solutions were effective.

Solution	Effective?
1. Local Indian partners Aquaplus and Primove worked to resolve the issues in a cost-effective manner (at the expense of somewhat unavoidable time delay).	Yes
2. Project recontinued after situation stabilised with support from HIF.	Yes

## AUDIENCE IMPACTED

6. Indicate the audiences, including affected population as well as the humanitarians, that have been targeted by the diffusion project and describe how their behaviour may have been impacted.

During the course of this project we have engaged with the following audiences:

- Relief agencies: Oxfam GB (project partner), ACF (discussions), and MSF. These major WASH agencies are now aware of this innovation and have also engaged with the technology.
- Industry: Aquaplus & Primove. These were involved in the project from its inception. They are more aware of steps involved in the development and trilling of innovations in humanitarian contexts.
- Academia: we have reached out to the greater academic circle through conferences. We have managed to disseminate the project findings and this audience is now aware of our innovation.



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### OPTIONAL: PARTNERSHIPS AND COLLABORATION

*If you received HIF funding with partners or collaborators, please answer questions 7 and 8.*

7. How and why did the partnership change during the course of the project?

For this phase of the project not much changed in our partnership with the relief agency (Oxfam GB) and the industrial partners (Aquaplast & Primove), as we have been working together since 2011.

8. Are there plans to continue your partnership, either while continuing this innovation or on other projects?

- ☐ Yes, with this innovation
- ☒ Yes, with another project
- ☐ Maybe
- ☐ No

*Please describe further:*

We will continue to pursue innovative research with partners. For the moment, we are awaiting funding opportunities.

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### NEXT STEPS

9. Is the project or innovation now to be replicated or scaled up?

- ☐ Yes, we will scale up in the same or similar context
- ☐ Yes, we will scale up within our organisation (including running more pilots or trials)
- ☐ Yes, we will replicate the innovation/project in another context or country
- ☒ Yes, the innovation/project will be replicated or scaled up by another organisation or stakeholder
- ☐ No

*If you answered yes to question 9, please answer 9b:*

9b. What model are you pursuing to scale up or sustain your innovation?

- ☐ Applying for more donor funding
- ☐ Selling the innovation or patent
- ☐ Cost recovery (for example, selling your service or being paid as a consultant to implement the innovation)



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☐ Innovation to be taken up by organisation or government as a standard and included in ongoing planning and core funding by them

☒ Other \_\_\_\_\_

*Please describe further:*

Oxfam has started their own pursuits using the inclined plate settler technology.

## APPENDIX 1. WORKPLAN CHANGES

If you would like to make significant changes to your project, then you **must** submit an *Agreement Amendment Form* to HIF for discussion before these changes are undertaken.

If there are changes that have **already** occurred in your project workplan – or there are changes that you wish to **propose** – that you do not think will require an Agreement Amendment form, then please record them in the tables on the next page. These are changes that will impact the results, milestones or objectives you set out in your original workplan, but do not affect the location, methodology or evidence-building and do not change the budget by more than 15%.

*If there are **no changes** to your project workplan since your application, OR if you have included all changes in an Agreement Amendment form, you do not need to fill in this section.*

Please use Table 1 for completed changes and Table 2 for proposed changes. Please copy in all of the principal results, milestones or actions from your original proposal that you wish to change; then record in the next column the changes. Please note it is important that you provide a description of the possible affects these changes will make.