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RESEARCH

WASH and School Feeding Survey Beng District, Oudomxay, Lao PDR

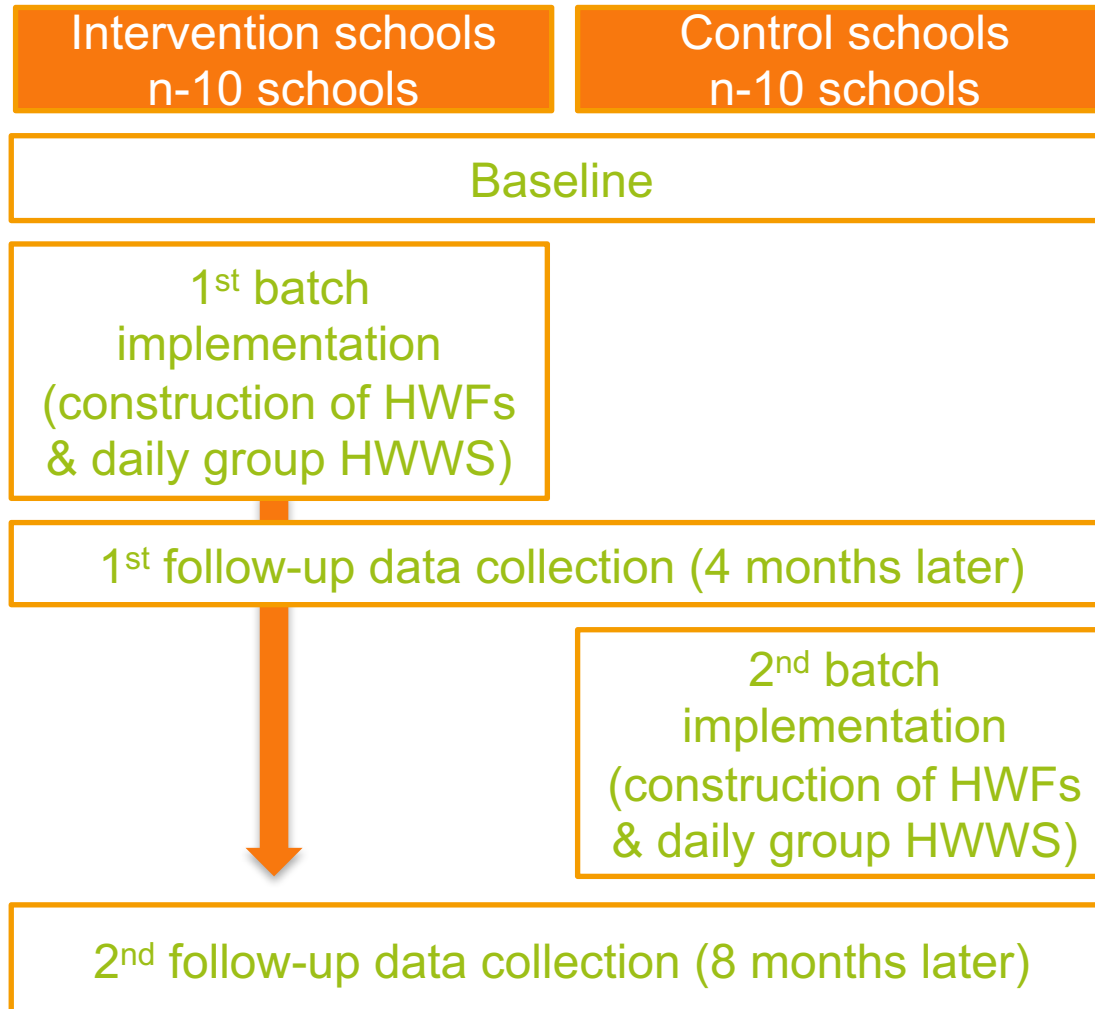


GIZ – WFP Partnership

- Support the 'Fit for School'-scale-up strategy of the Ministry of Education and Sports (MoES)
- Pilot the integration of the Fit for School Approach to improve hygiene behavior in schools into the WFP supported school lunch program in Beng District, Oudomxay province
- To test the integration of daily group handwashing and daily group toothbrushing activities to school feeding programs



Study Design



Data collection

Intervention schools that implemented the Fit program (HWF infrastructure & group HWWS) were compared with control schools on 3 SDG indicators:

- Access to drinking water
- Access to usable and clean toilets
- Access to handwashing facilities, water and soap

Method of data collection: WASH observational tool

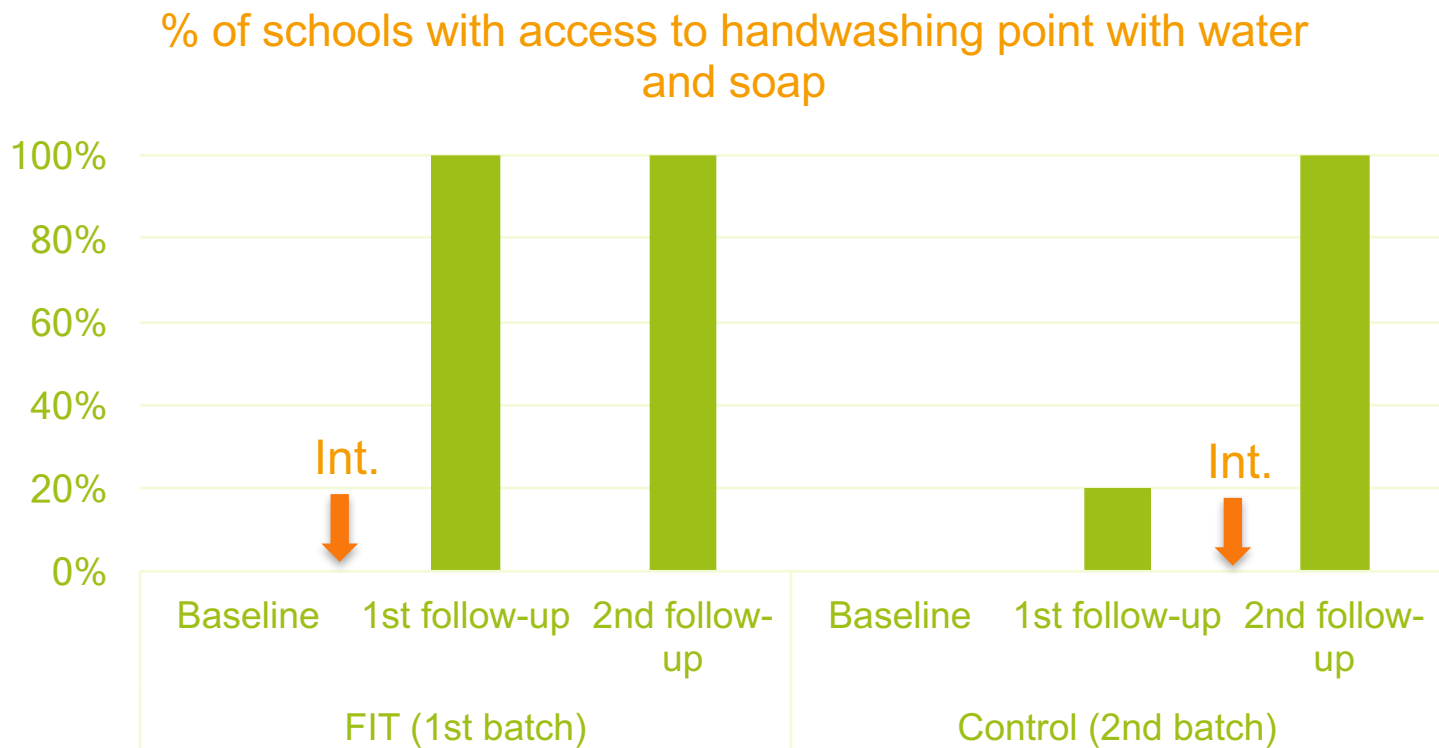
Drinking water

At baseline, **100%** of the schools in Beng had drinking water from an improved water source available at the school.

Sources of water	Schools present	Used for drinking
Gravity Flow System (GFS)/ Protected spring	95%	60%
Piped water	5%	0%
Lake	25%	0%

Hygiene: infrastructure

After FIT program implementation, **100%** of the schools in Beng had handwashing facilities with soap and water available



Hygiene: group activities

At baseline:

- No school conducted organized group handwashing, but children had a habit of just wetting hands prior to eating

After program implementation

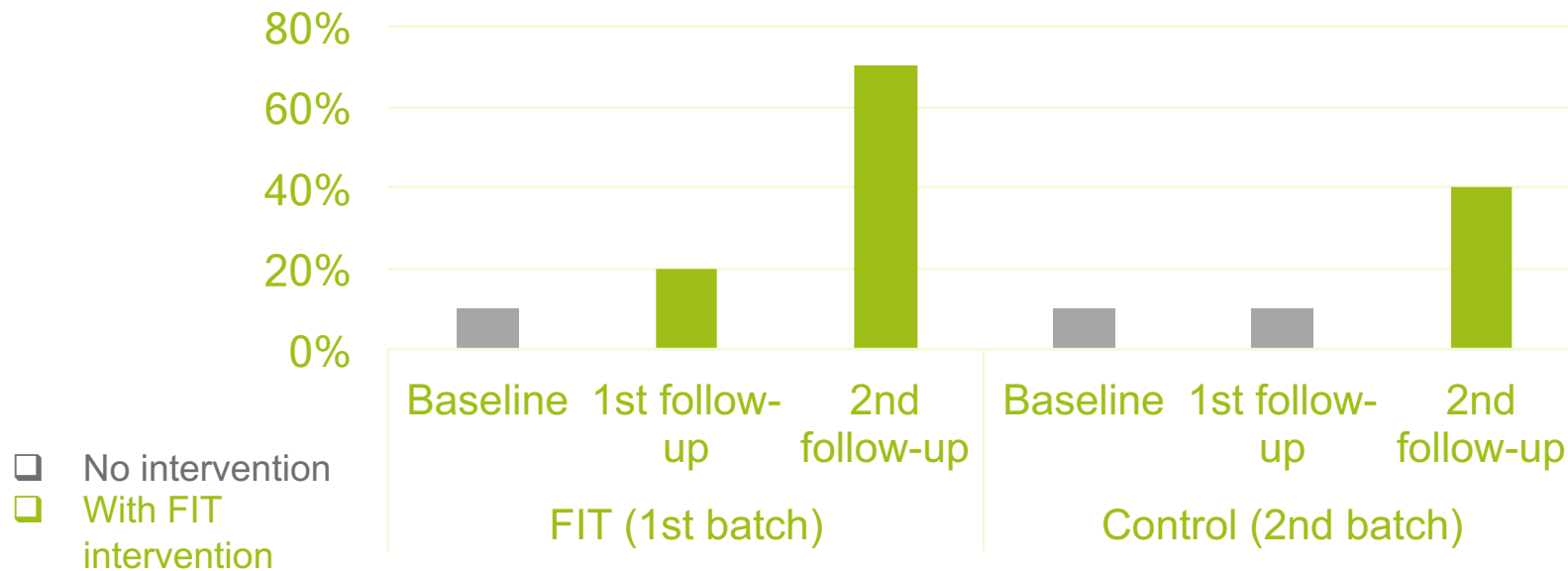
- All schools practiced group handwashing except for days where school feeding was not done



Sanitation

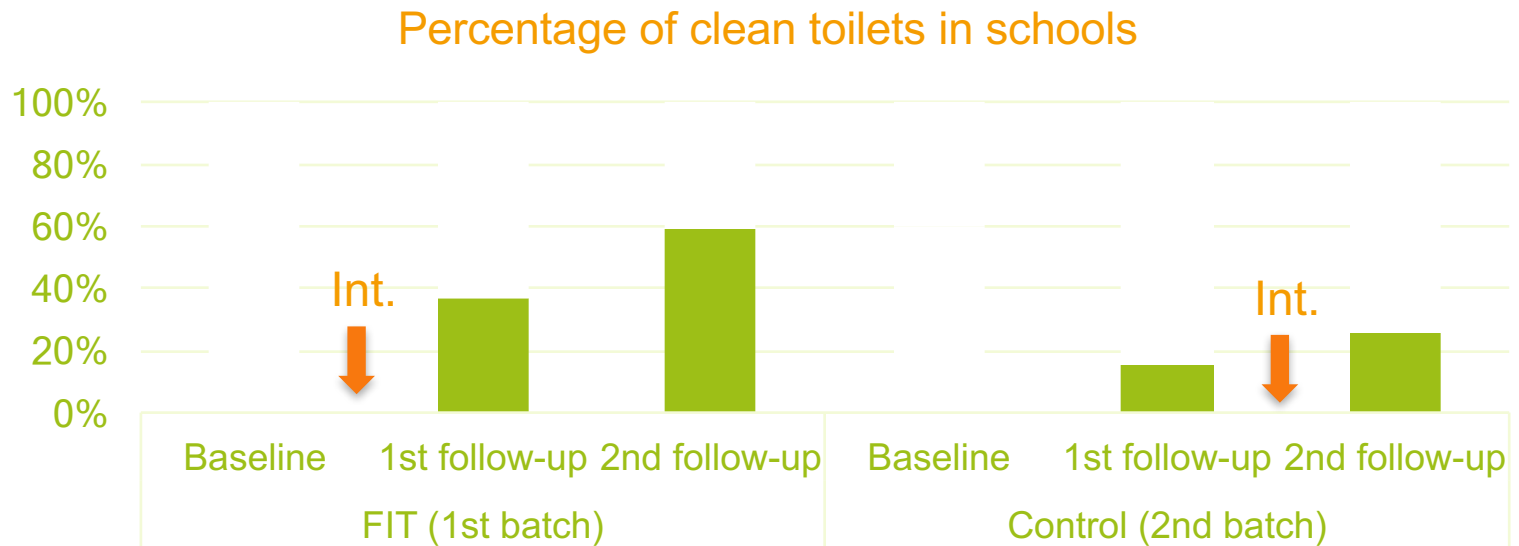
After FIT program implementation, **55%** of the surveyed schools had improved sanitation facilities which are single sex and usable

% of schools with single-sex and usable toilets



Sanitation: Cleanliness

- At baseline: none of toilets were clean
- After FIT program implementation: there was an improvement 0% to 43% in clean toilets



Handwashing practice: time and water consumption

- **14.5 minutes** is the estimated time it takes a school to complete handwashing before eating for all students (around 90 kids):
- **136 ml per child** or 3 liters of water for one batch of 22 students. Is the optimal amount of water used for handwashing using the basic group handwashing facility.
- However, **around 1.4 liters per child** is consumed with conventional handwashing.

Conclusions

After implementation of the FIT program, consisting of HWFs infrastructure and the practice of group HWWS:

- All schools (100%) in Beng had HWFs with soap and water available from 0% at baseline
- All schools practiced group HWWS
- The percentage of single-sex and usable toilets improved to 55%
- The cleanliness of toilets improved to 43%

School sanitation improved through the monitoring and attention that was given to toilets, even though no specific sanitation intervention was implemented