

RANAS in Palestine

Case studies



Marco Verber

Recent experiences:

2021 – today -> FHNW

2015 – 2021 -> CESVI in Palestine

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Occupied Palestinian Territory and Gaza Strip

1,523 direct BNFs
1,176 K indirect BNFs

Protection and Gender mainstreaming
Capacity building to local actors

Public Tableau

CESVI promotes and supports open sharing and circulation of information and data

HDX

SOLID WASTE MANAGEMENT
SWM, environmental awareness and education in healthy eating in Nur Shams and Tulkarem RCs

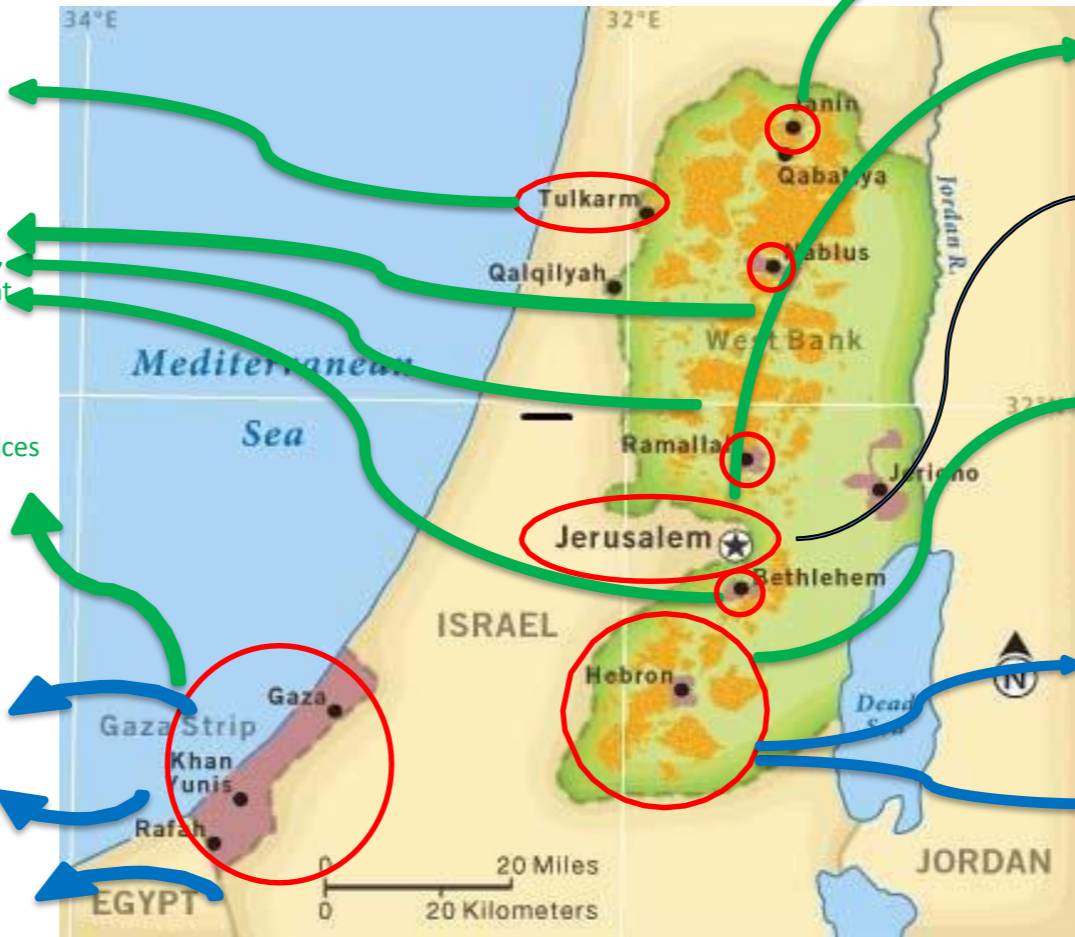
SOLID WASTE MANAGEMENT
SWM analysis in specific RCs and surrounding municipalities, identification of synergies and opportunities for improvement

SOLID WASTE MANAGEMENT
Creation of a living contingency plan for resilient SWM practices in Gaza Strip: SWM strategy, operational guidelines, communication strategy, implementation handbook

WASH, HYGIENE and PROTECTION
WASH INNOVATION
Provision of essential water services to vulnerable HHs, promotion of hygiene practices and protection community approach (Middle Area)

Innovative HH water filters in humanitarian conditions (North Gaza)

Cash aid for rehabilitation of WASH services in HHs (North Gaza and Middle Area)



MEDICAL WASTE MANAGEMENT
Improvement of medical WM system (COVID19) in Jenin

SOLID WASTE MANAGEMENT
Improvement of SWM system and environmental practices in Shu'fat RC

CIVIL SOCIETY AND GOVERNANCE
Establishment of an agreed picture of the situation of services in 13 neighborhoods in East Jerusalem, with crowd-sourcing system for data collection, 3-D model and open platform for dissemination

SOLID WASTE MANAGEMENT
Promotion of an environmentally clean, safe, innovative and economically valuable WEEE treatment (Waste from Electrical and Electronic Equipment) in Idhna, Beit Awwa, Deir Samit (Hebron Governorate)

WASH INNOVATION in EMERGENCY
Innovative HH water filters in humanitarian conditions in Area C (Hebron Governorate)

WASH, HYGIENE and PROTECTION
Provision of essential water services and water filters to HHs, institutions in unconnected communities in Area C (Hebron Governorate), promotion of hygiene practices, data elaboration wash-health

PARTNERSHIPS

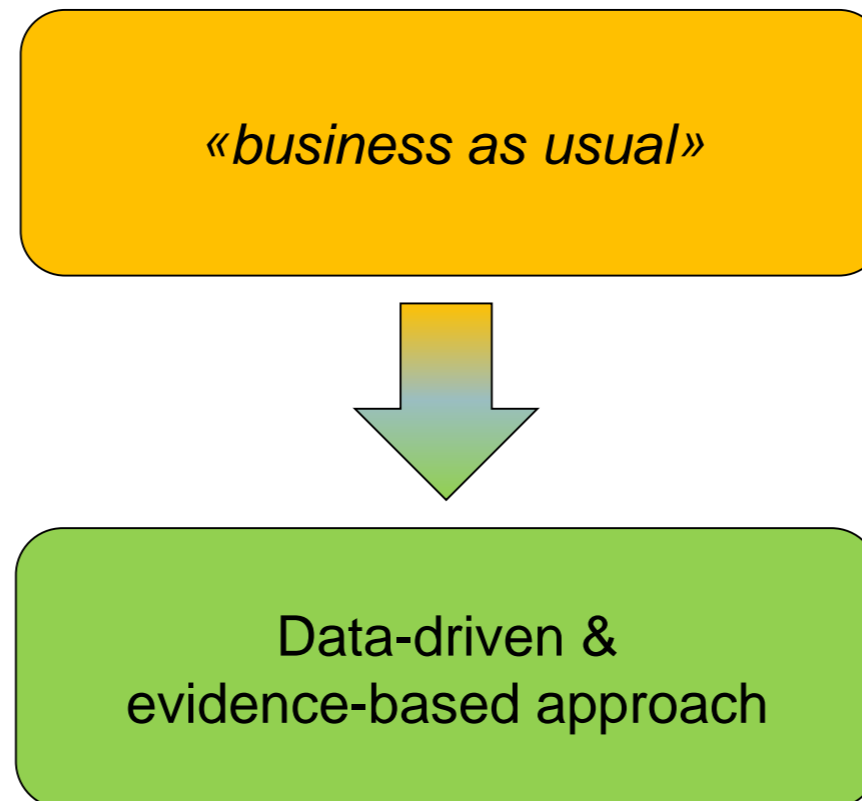


DONORS



CESVI – improving approach

Team with a strong technical background in WASH and the solid waste management sector



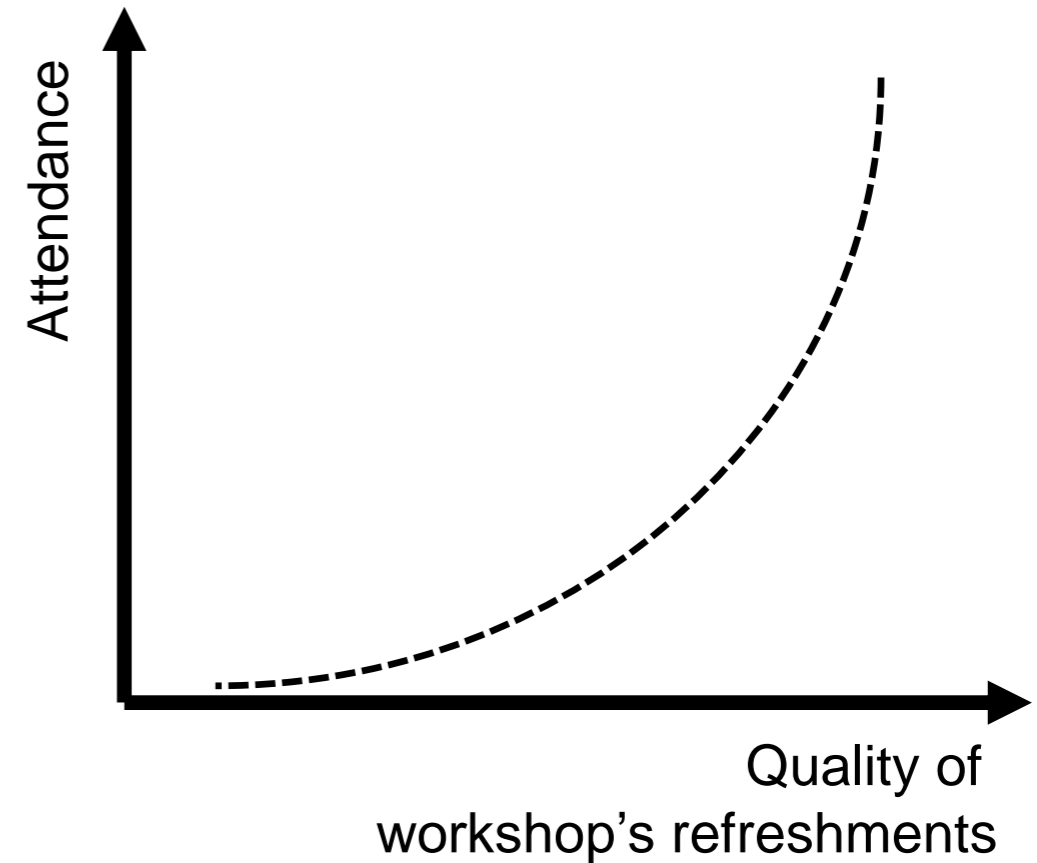
CESVI – improving approach

Awareness in the «*business as usual*» approach

Workshops with beneficiaries
Information Sharing

Indicators:

- Attendance lists
- Pre-Post test



CESVI – improving approach

How to address behavioural change systematically?

How to correctly choose the awareness tool?

How to correctly measure the changes in behaviour?



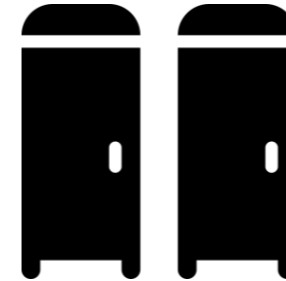
RANAS

We Understand Behaviour Change

SPIN-OFF
of Eawag

CESVI – field experience

Handwashing
2020
The Gaza Strip



Open-defecation
2019
Masafer Yatta – West Bank

Household water treatment systems
2020
The Gaza Strip



Solid Waste management
2020
Shu'fat Refugee Camp - EJ

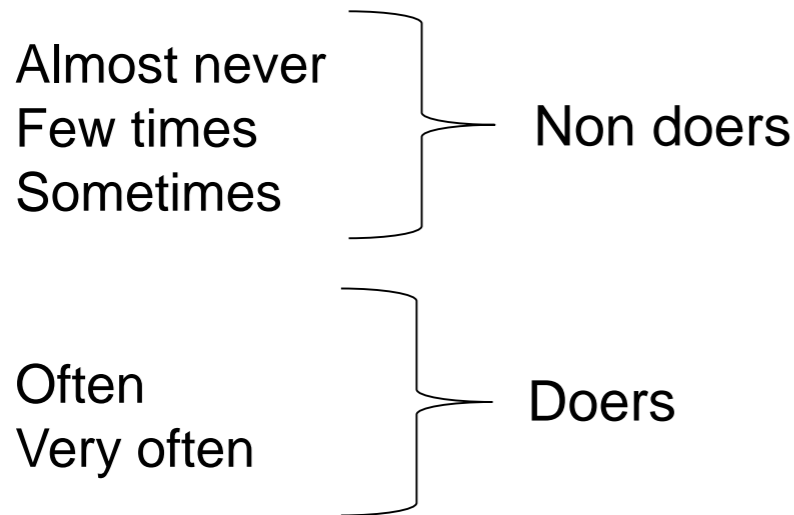
CESVI – handwashing campaign

The project included different components:

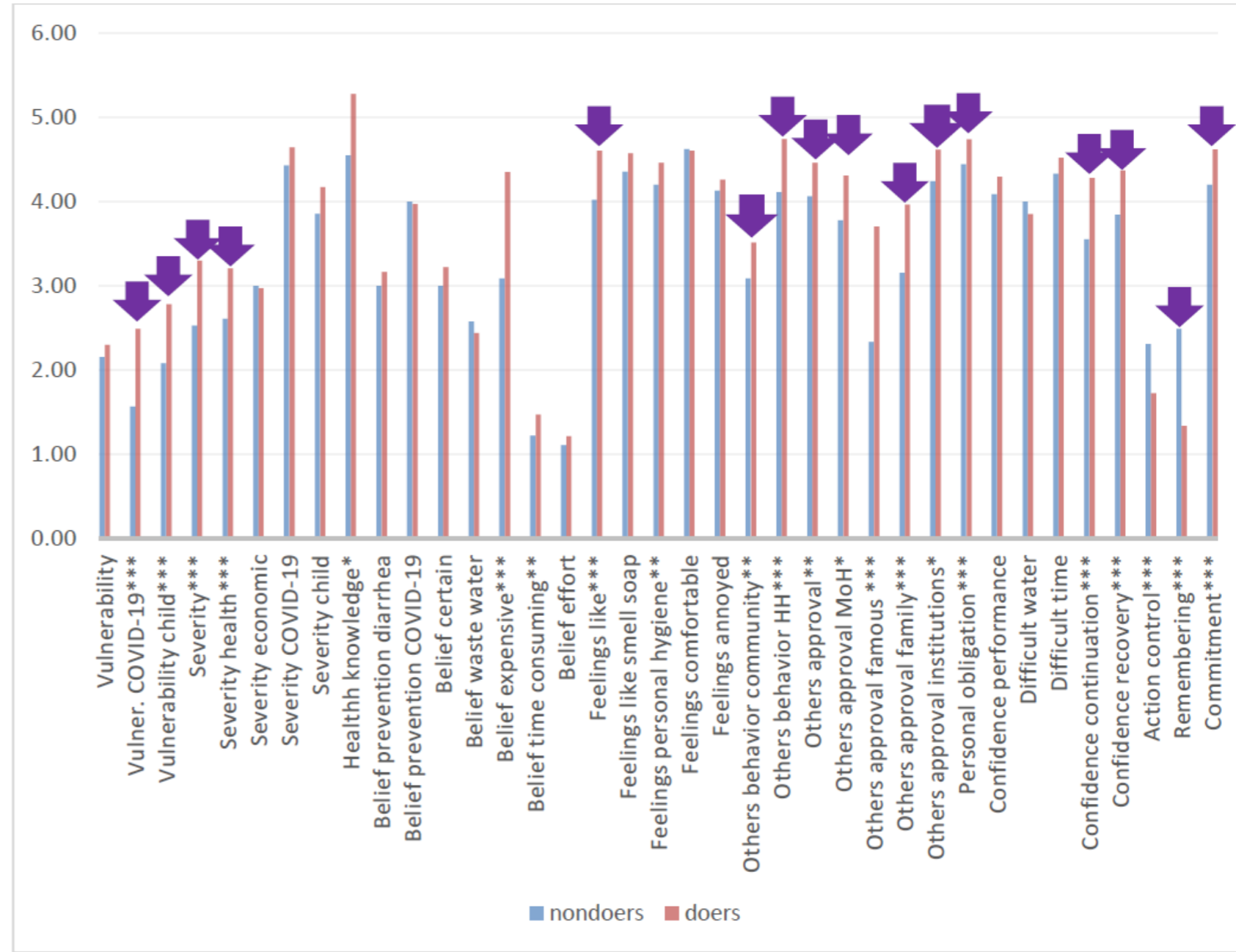
- Kitchen and toilet rehabilitation
- Distribution of hygiene kits
- Distribution of household water treatment systems and safe storage
- Systematic behavioural change approach

CESVI – baseline analysis

How often do you wash your hand with soap and clean water per day?

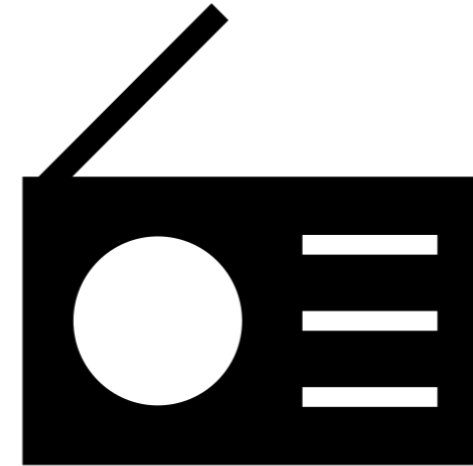


	Participants	Doers	Non doers
Female	109	97	12
Male	89	50	39



CESVI – behaviour change strategy

Activities adapted to the local situation: from home visits to phone calls / SMS / radio spots



CESVI – endline

Results: did handwashing with soap improved after the intervention?

Baseline vs follow-up mean comparison of of handwashing, intention and habit self-reports

[1=almost never/not at all, 2=few times/somewhat, 3=sometimes/rather, 4=often/quite a lot, 5=very often/verymuch]

■ Baseline ■ Follow-up

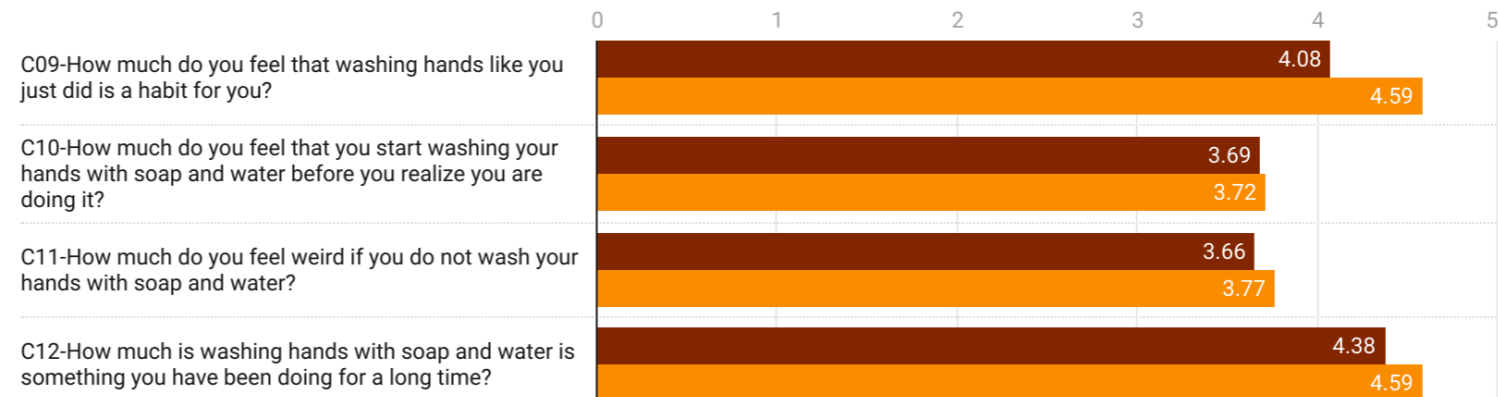
Self-reported handwashing behavior



Intention



Habit



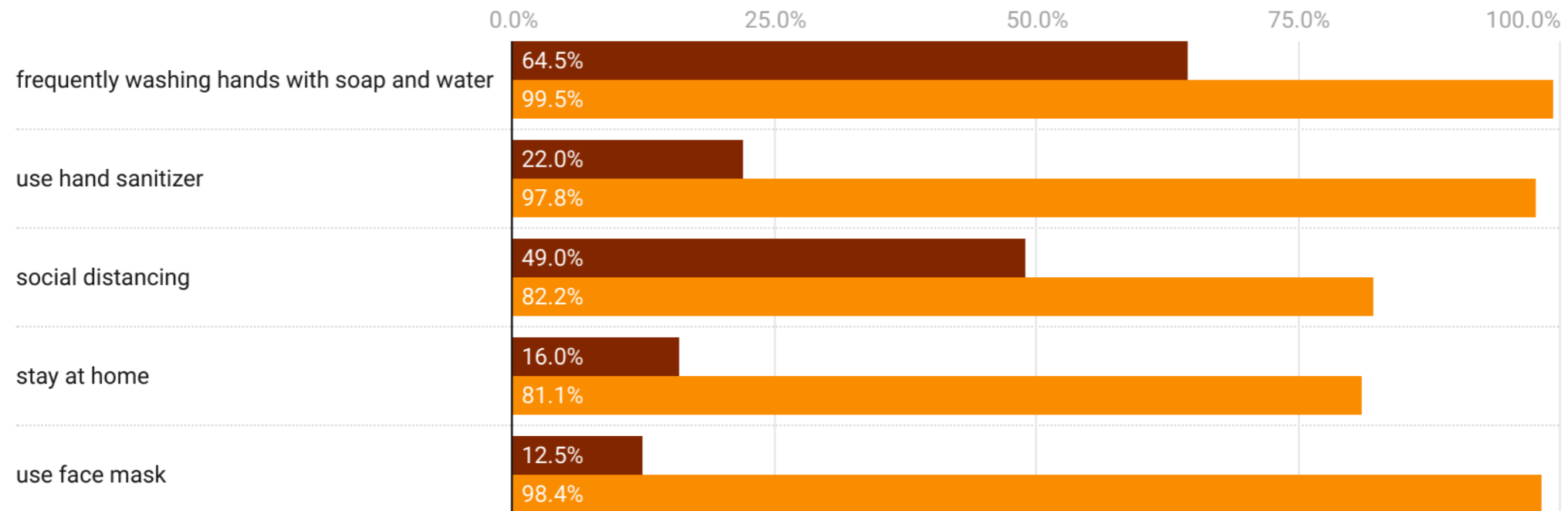
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CESVI – endline

Potential Covid-19 preventions

Percentages of mentioned answers for health knowledge questions

■ Baseline ■ Follow-up

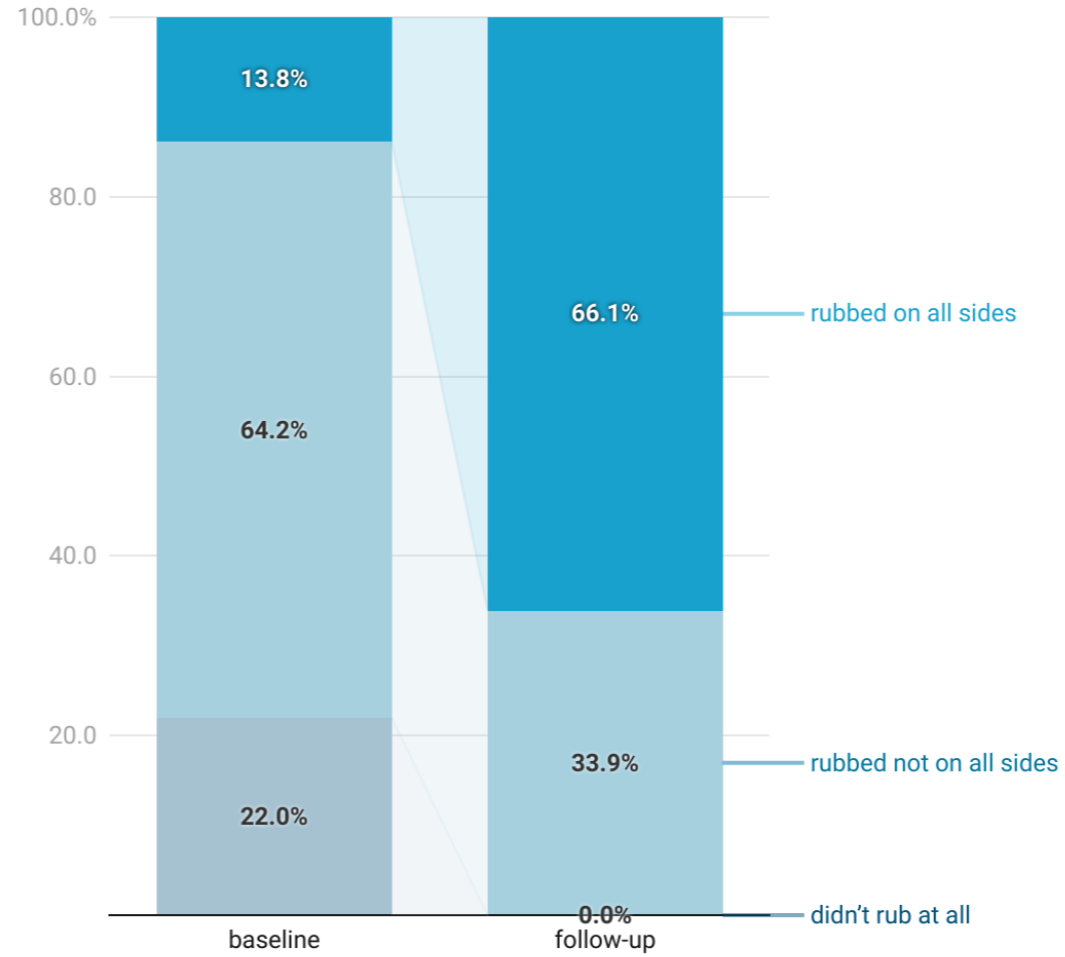


Created with Datawrapper

CESVI – endline after

Handwashing quality observation

How did the respondent wash their hands?
The chart shows the percentage of people who rubbed their hands in different ways, comparing the situation before and after the intervention.



Created with Datawrapper

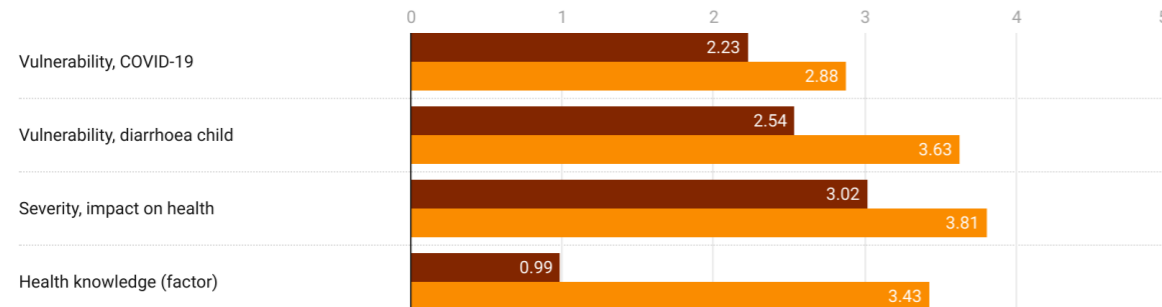
CESVI – endline

Results: did targeted behavioral determinants change after the intervention?

Baseline vs follow-up mean comparison of RANAS psychosocial factors explaining handwashing with soap. Only factors that were targeted with behaviour change intervention are included in the analysis.

■ Baseline ■ Follow-up

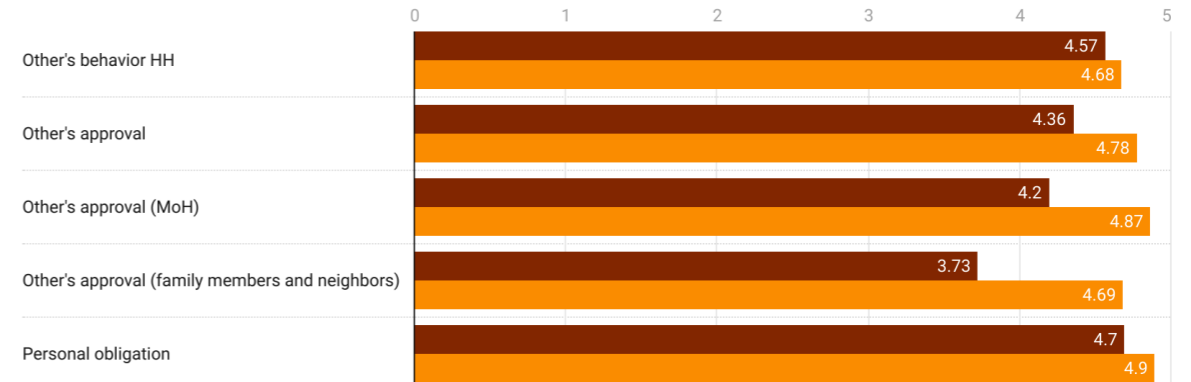
Risk factors



Attitude factors



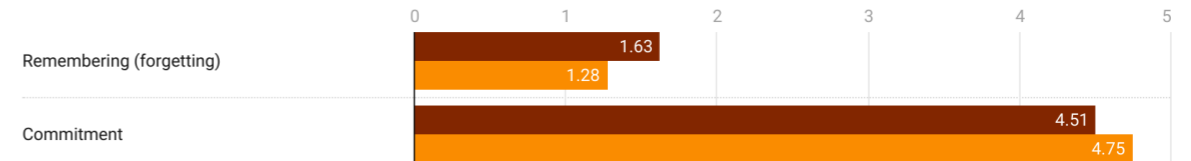
Norm factors



Ability factors



Self-regulation factors



Created with Datawrapper

project logical framework w/o RANAS

Focusing on Output only

Indicator(s):

- People attending workshops
- Pre and post-test (same day)

project logical framework – with RANAS

Focusing on Outcome

Indicator(s):

- % of people with an improved score of the target behaviour
- % of non-doers becoming doers

RANAS - challenges

- Resources (time and people)
- Identification of the target behaviour (very specific)
- Need for external support
- Risk of beneficiaries' dropout (number of visits; sensitive topic)
- Resources for a control group to prove the effectiveness

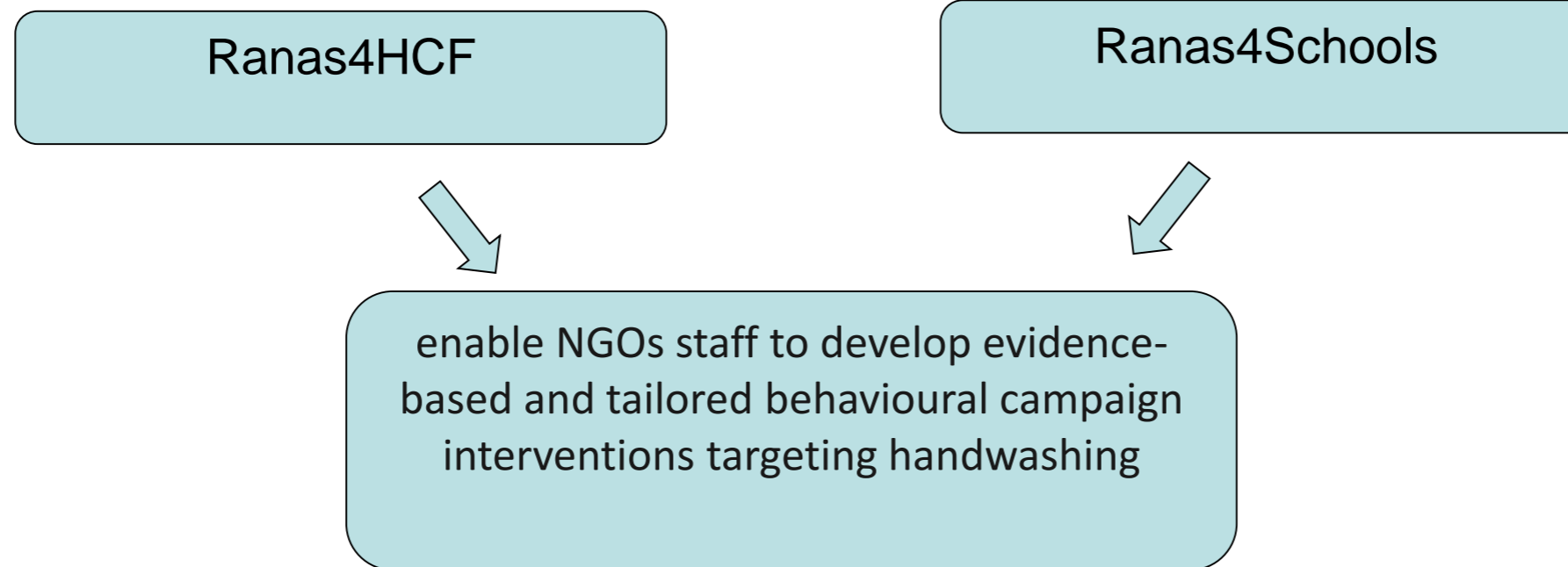
- Donor's flexibility

Improvement and ongoing interventions

Project:	Hands4health
Implementing partner:	FHNW – RANAS – CESVI + 7 organisations
Donor:	SDC – Transform programme
Countries:	Palestine – Mali – Burkina Faso – Nigeria
Main objective:	development of a comprehensive approach to hand hygiene, water quality and sanitation in primary health care facilities and schools not connected to a functional water supply system.
Examples:	<ul style="list-style-type: none">- Hardware interventions: Gravit'eau system for re-using water for handwashing- Management and maintenance support: Circuit Riders – STREAMS- Stakeholders engagement strategy

Why mention this project?

Hands4health – development of new RANAS toolkit



Will the new toolkits work? Impact evaluation -> Swiss TPH

Learn more: hands4health.dev

Thanks!

Let's stay in touch:

FHNW

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