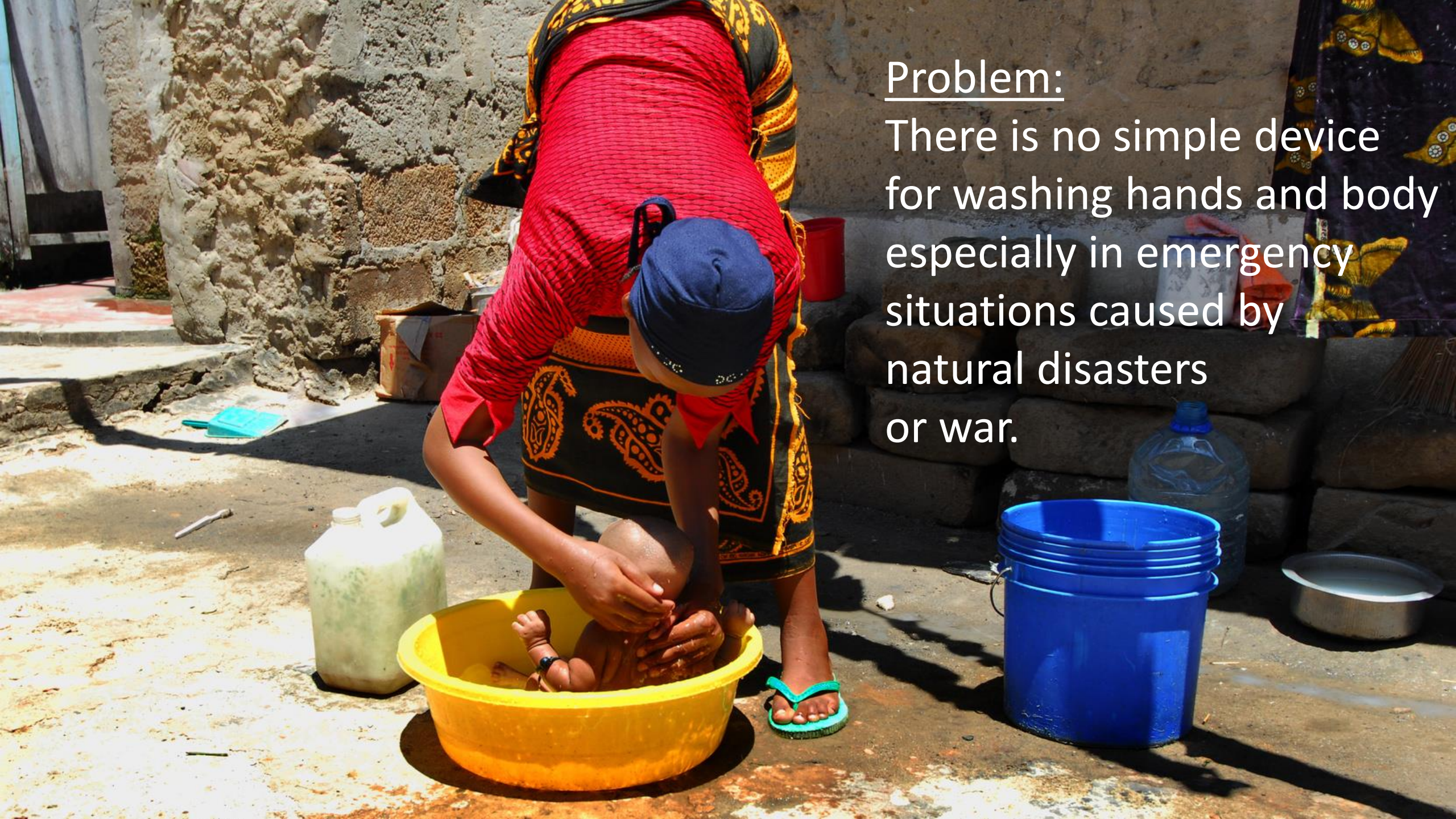


Handy Shower

revolutionary mobile bathroom



Problem:

There is no simple device for washing hands and body especially in emergency situations caused by natural disasters or war.

The needs are well defined:



Requirements

Household Handwashing Device

People need to wash their hands at home as well as after going to the toilet. Where there is no running water at the household level, as in most humanitarian emergencies, water will need to be stored in a container and refilled. Household level hand washing has the advantage that user can take ownership of the system and they have responsibility for ensuring the container is filled: something that is a problem with communal household systems.

Nature of solution	A handwashing solution for households that can fit on a variety of containers. It should require only one touch to cause the flow of water, which should stop when released. It should incorporate a clip/ clamp on device for house soap or ash.
Flow rate	Water conservation is important, so a flow rate of 1 - 1.5 litres/minute would be appropriate. When not in use it should not leak.
Disabilities	Should be useable by handicapped people.
Durability	Last a minimum of 2 years.
Security	Theft resistant design
Packaging	Easily packageable.
Local Materials	The solution should be a complete kit, not requiring any materials to be sourced in country.
Cost	No more than around £5/unit delivered to Europe.

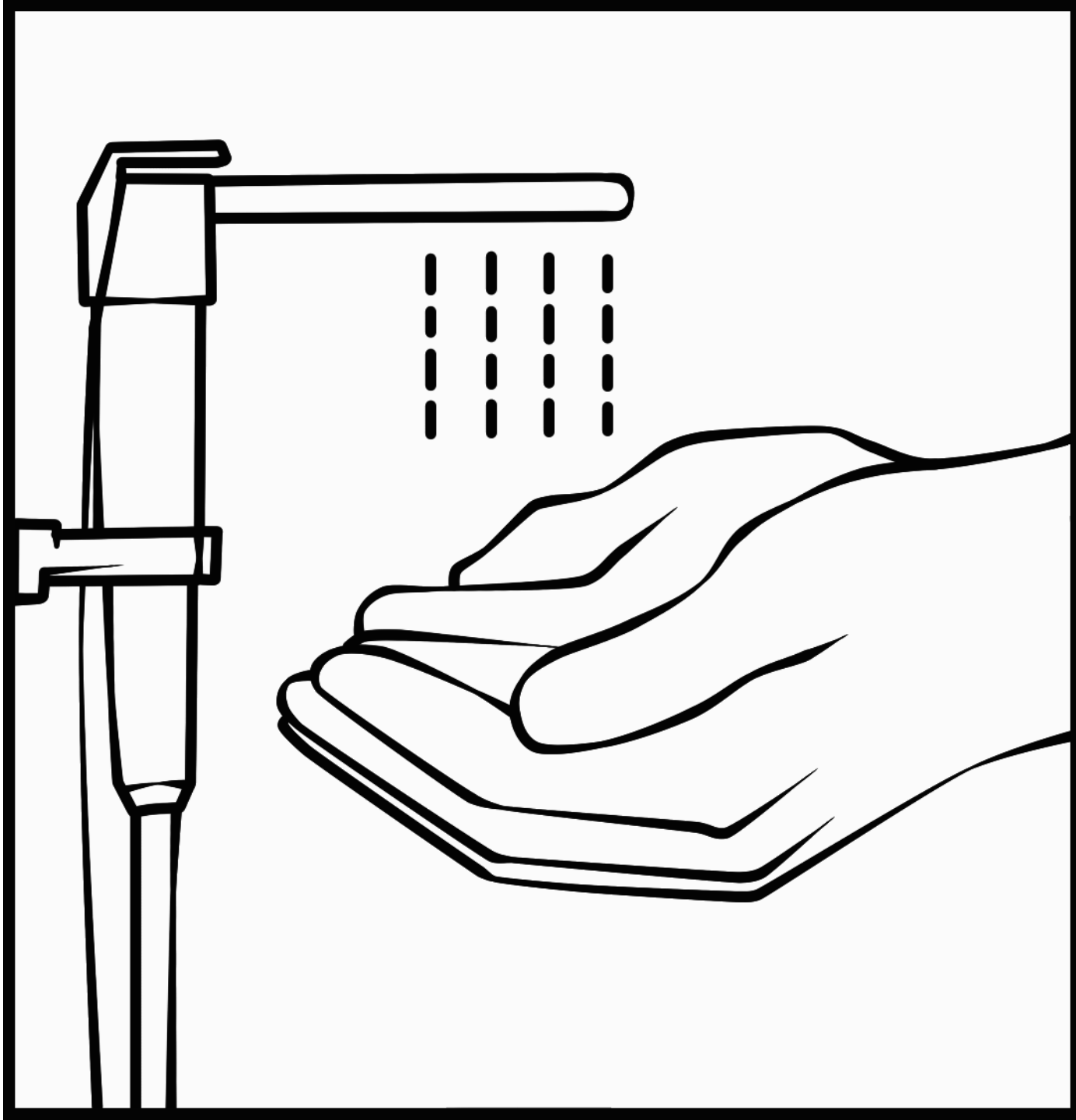
A faucet, a shower and a bidet
in ONE portable device.

The only existing 3-in-1 solution.

It is compact, durable, lightweight,
water-saving and convenient at
an affordable price.

we create a new product category
(like Spork, Swiss Army Knife, Smartphone)

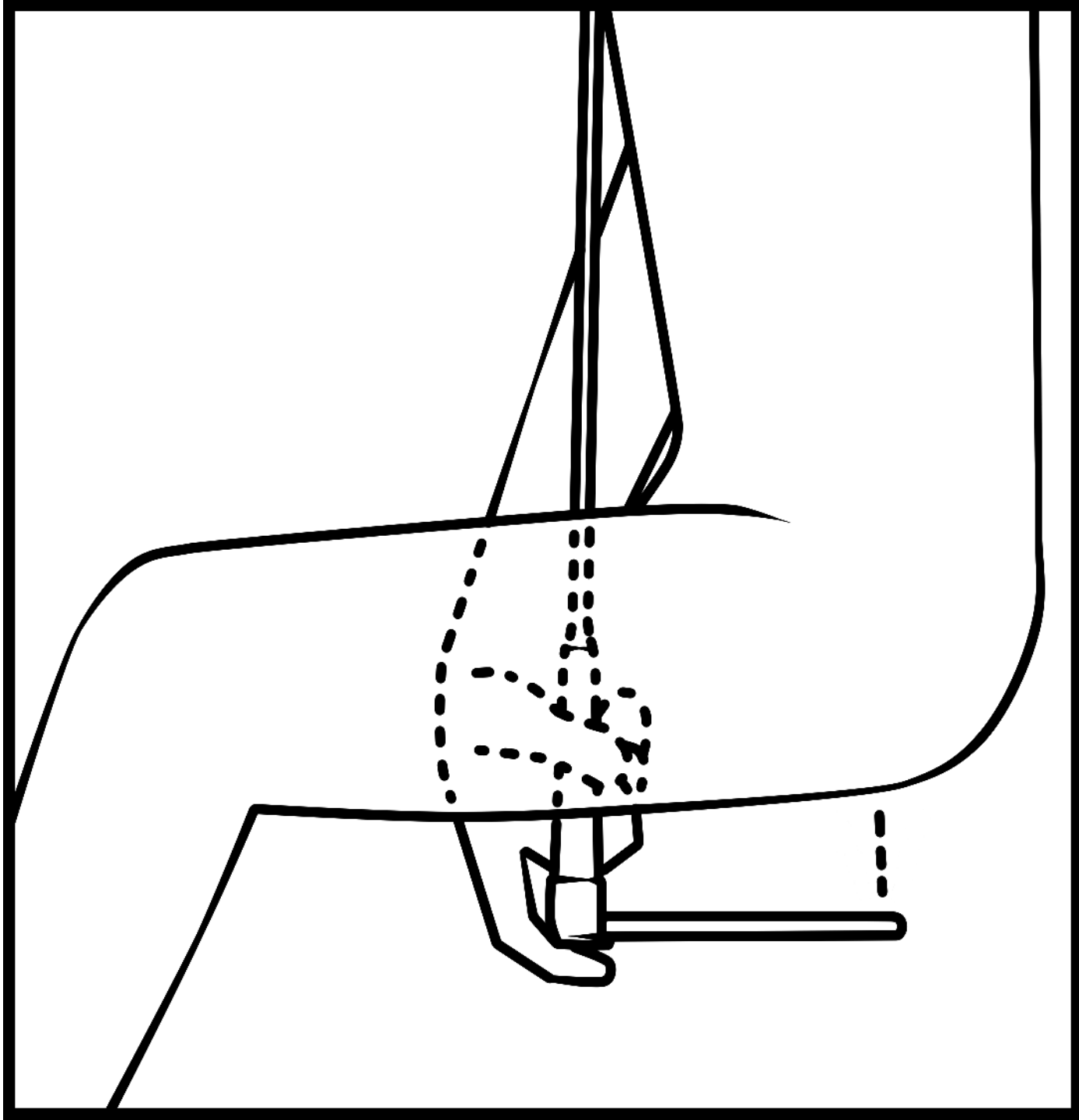
Patented













HandyShower

USE CASES

We presented our project in the Airbus aerospace accelerator



Pilot :
Jordan – Action Against Hunger
Peru: - Techo Peru



Market (pcs):

Acceptable price (EUR):



TAM: > 1 000 000 000 EUR

Business Plan / Cash Flow

/all bellow amounts are given in EUR/

Year	2018	2019	2020	2021	2022	2023
Production volume (pcs)	2 000	8 000	32 000	128 000	512 000	2 048 000
Revenues from the sale (TOTAL)	40 000	160 000	640 000	2 560 000	10 240 000	40 960 000
Costs						
Machines and devices	40 000	80 000	600 000	500 000	750 000	1 125 000
Production of parts	14 000	48 000	192 000	768 000	3 072 000	12 288 000
Assembly	2 000	8 000	32 000	128 000	512 000	2 048 000
Marketing and Distribution	8 000	32 000	128 000	512 000	2 048 000	8 192 000
The sum of costs associated with the sale	64 000	168 000	952 000	1 908 000	6 382 000	23 653 000
Rent	800	2 000	10 000	20 000	50 000	100 000
Personnel costs	8 000	12 000	30 000	50 000	150 000	300 000
Travels, fairs, exhibitions	35 000	35 000	50 000	100 000	120 000	150 000
Other	5 000	10 000	20 000	30 000	100 000	200 000
Fixed costs TOTAL	48 800	49 000	110 000	200 000	420 000	750 000
PROFIT	-72 800	-67 000	-422 000	452 000	3 438 000	16 557 000

We need implementation partners:

1.NGO

2.Distributors

Is anyone interested to become familiar
with our solution?

Handy Shower

Krancowa 49, 02-493 Warsaw, Poland

kontakt@handyshower.pl

+48 698 625 488

handyshower.pl