

Oka Taxi

A social enterprise to ensure free, on time emergency transport for pregnant women in rural Mozambique

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Zusammenarbeit, die wirkt.

Cabo Delgado Province

1.8M inhabitants

Literacy rate: <50% (especially in women)

MMR: >289 / 100k lb

NMR: >28 / 1000 lb

HIV prevalence: 11%



Crisis-hit Cabo Delgado Province

2016: financial
debt crisis



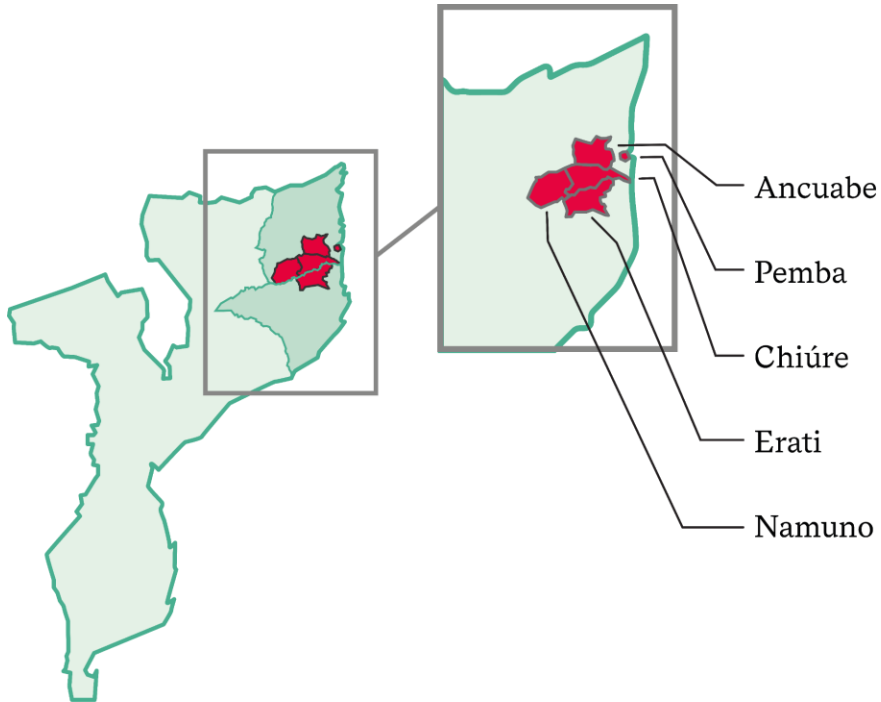
2017: start of the
insurrection: conflict



2019: cyclone
Idai and Kenneth

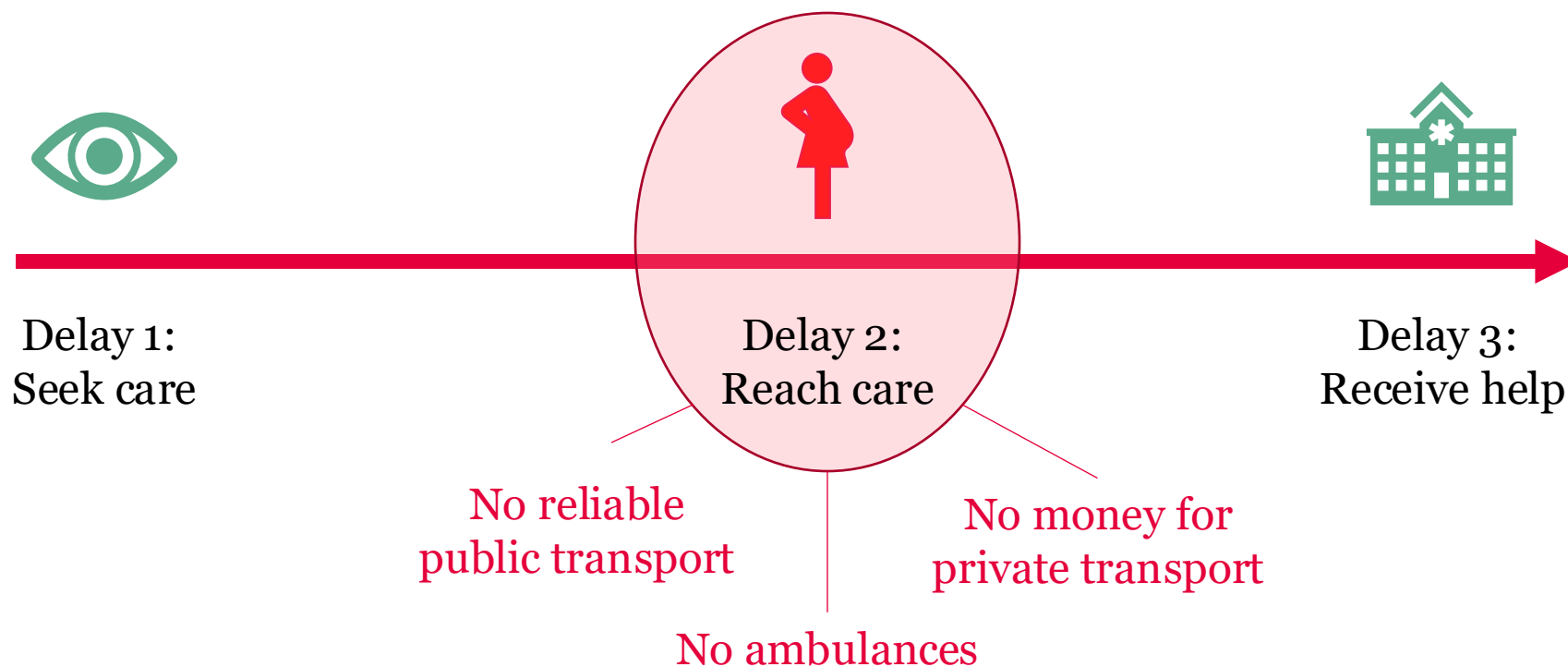


2020: COVID
pandemic



The Problem

- Only every 2nd pregnant woman in rural Northern Mozambique reaches the health facility in time to give birth under safe conditions



The Problem 2

- United Nations Ambulance
- Last Mile



Oka Taxi – a win-win solution

- **In time and for free** emergency transport services to pregnant women to next Health Facility
- **Taxi transport** for clients and goods leads to improved access to markets and services
- **Income generation** benefit the micro-entrepreneur & fosters sustainability

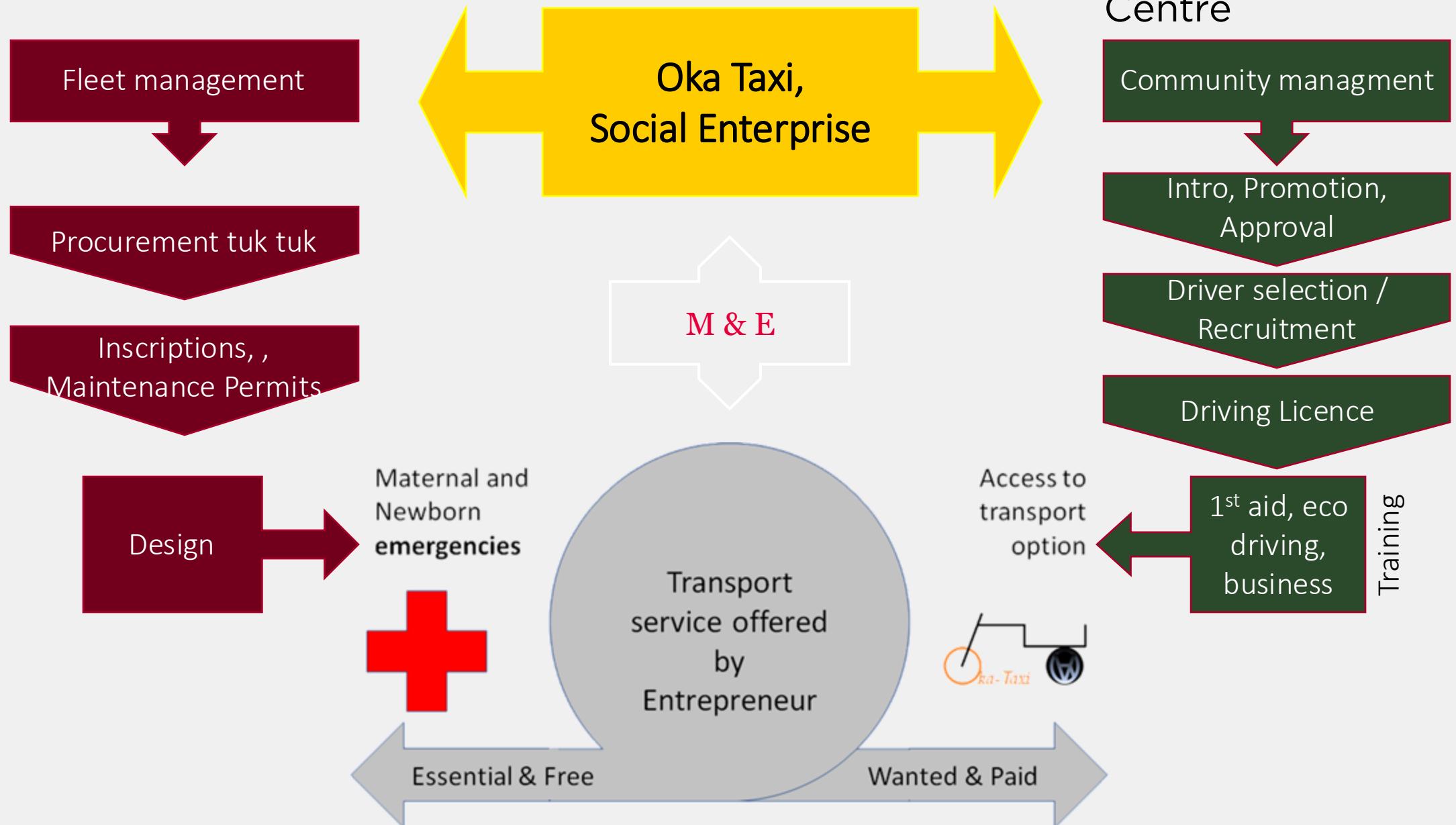




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Partnerships
for Health

EPFL
EssentialTech
Centre



Oka Taxi Performance

	Jan-June 2022	Since launch (2018)
Total Fleet / on the road	16*/11	3 – 12
# Emergency Transports	135	1'111
% response rate for emergencies	98	99
Tot Number of KM of fleet	16'924	339'995
Tot Number of Services of fleet	7'585	44'195

*1 broken, used for spare parts

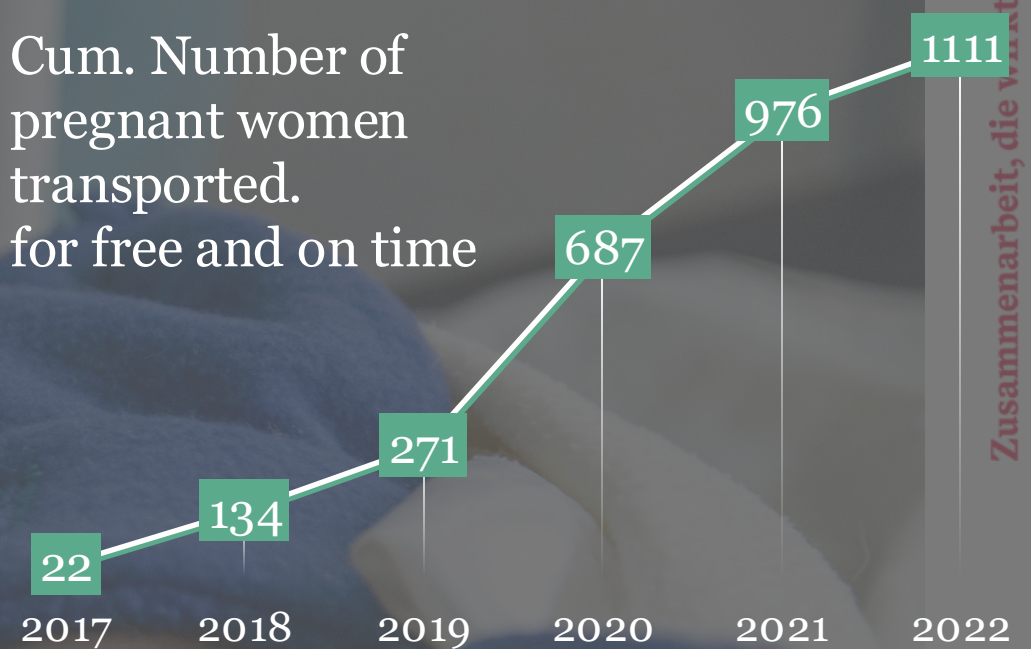


Social Impact

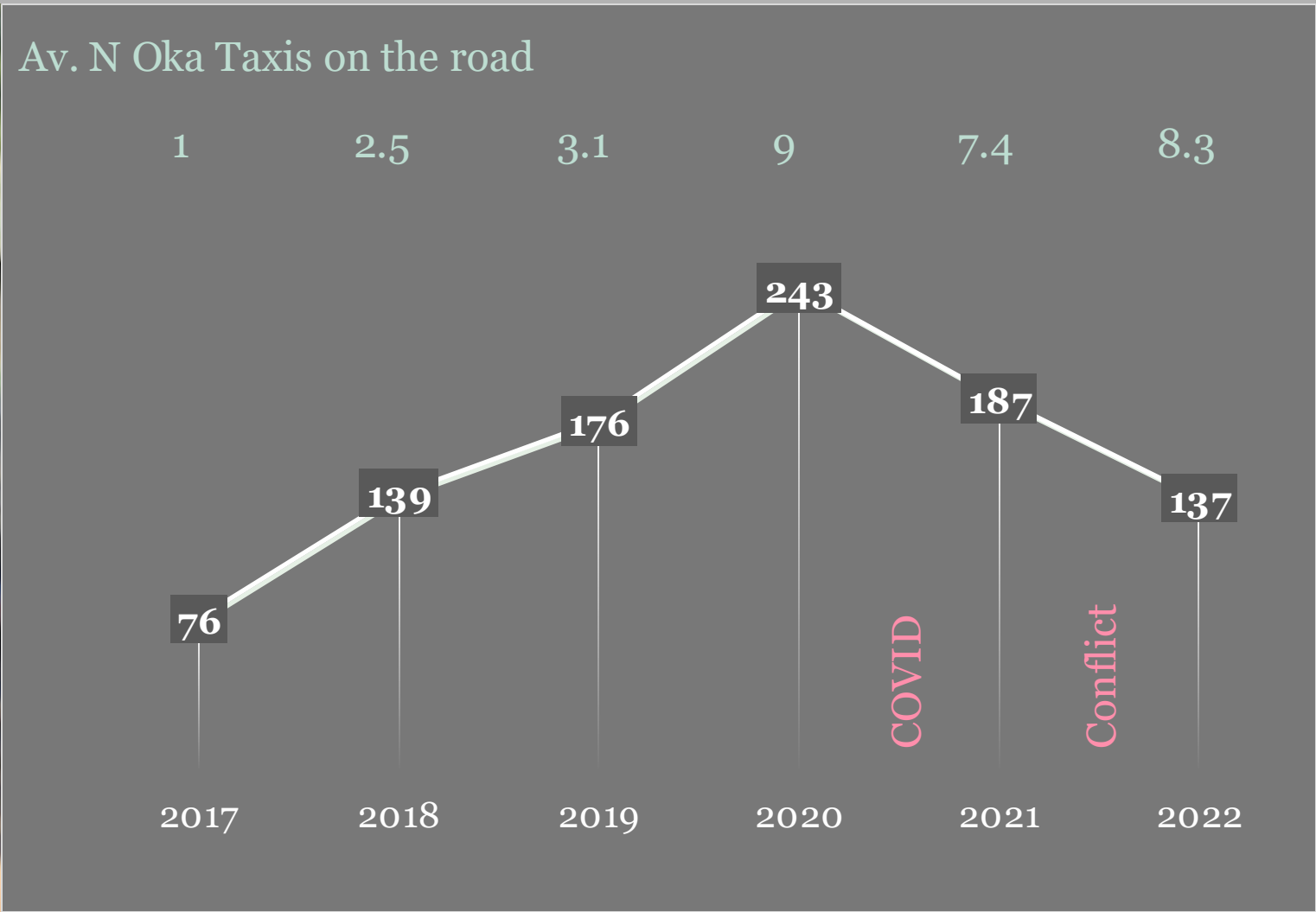
Quantitative: M&E based on individual taxi logbooks where every single trip is recorded (digitalisation planned)

Qualitative: 1/2-yearly meetings with micro-entrepreneurs and communities and spot visits to beneficiary women

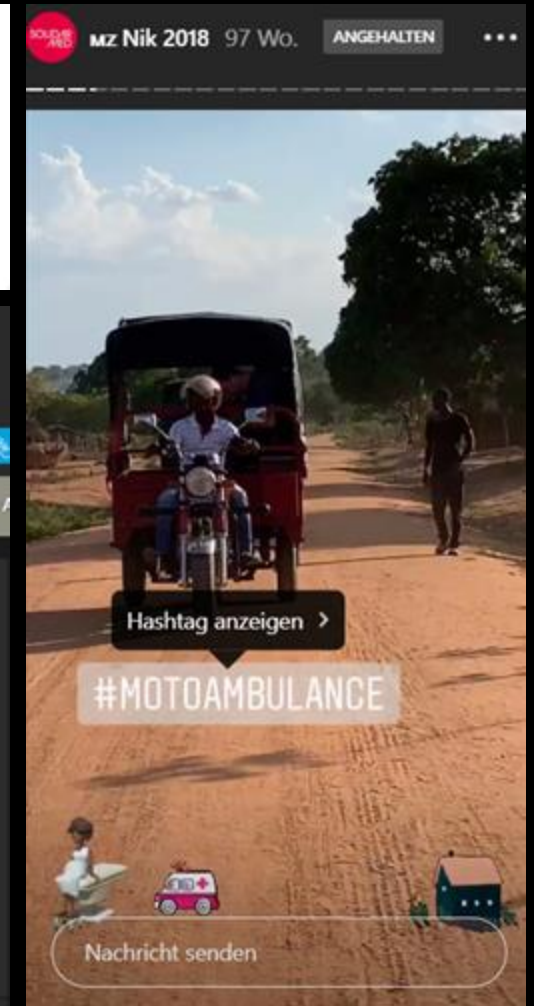
Cum. Number of pregnant women transported.
for free and on time



Average Revenue per Oka Taxi and month over time (USD)



Oka-Ventures in the Swiss TV, radio, and intl. conferences



Electric tuk-tuks for the future

- At least 30% of revenue is spent on fuel
- Feasibility study (2019) shows promising options at high initial costs

Case Study

- SolidarMed with Essentialtech have developed a new electric TukTuk, and is about to launch their startup: Oka Taxis

Features of the Electric Vehicle

- Electric
- Range: 100-120 kms
- Battery: Swappable - Li-ion
- Number of people that can fit: Officially 5, up to 20
- Reinforced structure for difficult road conditions

Objective

- Think of a deployment strategy of this company, starting in Mozambique

Thank You

