



Why?



Mothers and governmental frontline workers often fail to detect severe malnutrition of children.

=> They do not help the child in the right way.

The magnitude of a nutrition crises – both in emergencies and chronic hunger situations – is often blurred.

=> This hinders a determined response by emergency workers and policy makers.

3 million

children under the age of five die every year due to malnutrition. We can help reduce this number

How?





We provide a game-changer in measuring and data processing of malnourished children through 3D scanning.

- => For aid agencies, nutrition assessments will become much cheaper, quicker and more accurate. Immediate data and response may transform the way we deal with nutrition crisis.
- => For state services, accuracy and accountability in managing nutrition data and responses is dramatically improved.

435,000 children

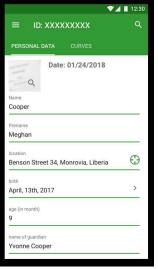
could be saved through better Management of Acute Malnutrition

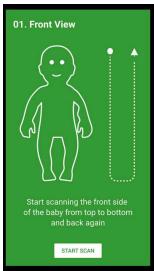
(Lancet Series on Maternal Health and Child Nutrition 2013)

What?

- Mobile solution
- Quick and easy to use
- Provides immediate data
- High accuracy
- Non-profit
- Open Source

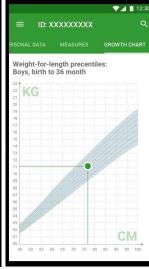


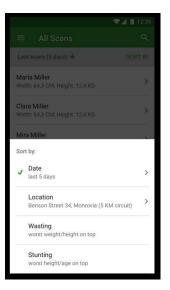












Our goal is to set a new standard.

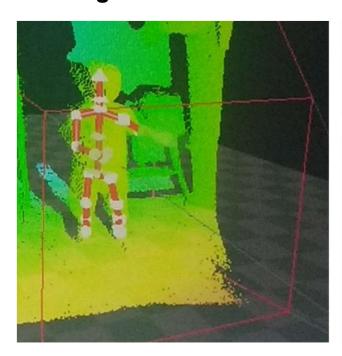
Technology?



3D Augmented Reality scan plus machine learning

Measuring data: Google Project Tango **Processing data**: Google Tensorflow

Training data: standardized nutrition surveys (SMART Methodology)





Roadmap



Idea was born at Welthungerhilfe Innovation camp in Delhi

02/2018: Beta Version ready

Scientific Board set up

03/2018 Pre-testing and optimization of the Beta version

04/2018 Field test in India with 10,000 children in

cooperation with ACF India, machine learning of the Beta version scan +

anthropometric measures

08/2018 App is ready to be promoted at scale

09/2018 We will start scaling the innovation to global level.

| ≡ ID: XXXXXXXXX | | Q |
|---------------------------|----------|------------|
| PERSONAL DATA | MEASURES | GROWTH CHA |
| Please select | date 01 | /24/2018 |
| A Manual mea | asure | |
| 01. Height 64,7 cm | | |
| 02. Weight | | |
| 33,8 kg | | |
| MUAC | | |
| 12,4 cm | | |
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| 02. Weight 32,4 kg | | |
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| 03. MUAC | | |

Team

IT, AI, development aid and mobile experts



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Technical lead, IT solution and coordination

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