

Nature-building Helix Event
26th September

Crowdhelix
COLLABORATION INTELLIGENCE



NATURE BASED SOLUTIONS: FROM THE PAST TO THE FUTURE

Duccio Travaglini - Greencome



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101003757

JustDiggIt

JustDiggIt is an **NGO** that wants making **Africa greener** without using high-tech solutions.

- 300.000 hectares restored
- 9 million trees
- grassroots movement



Water Bunds



Water Bunds

- 2.5 meters long
- 5 meters wide
- The 'closed' side of the banks faces the slopes



Land degradation

GLOBAL
WARMING



DROUGHTS

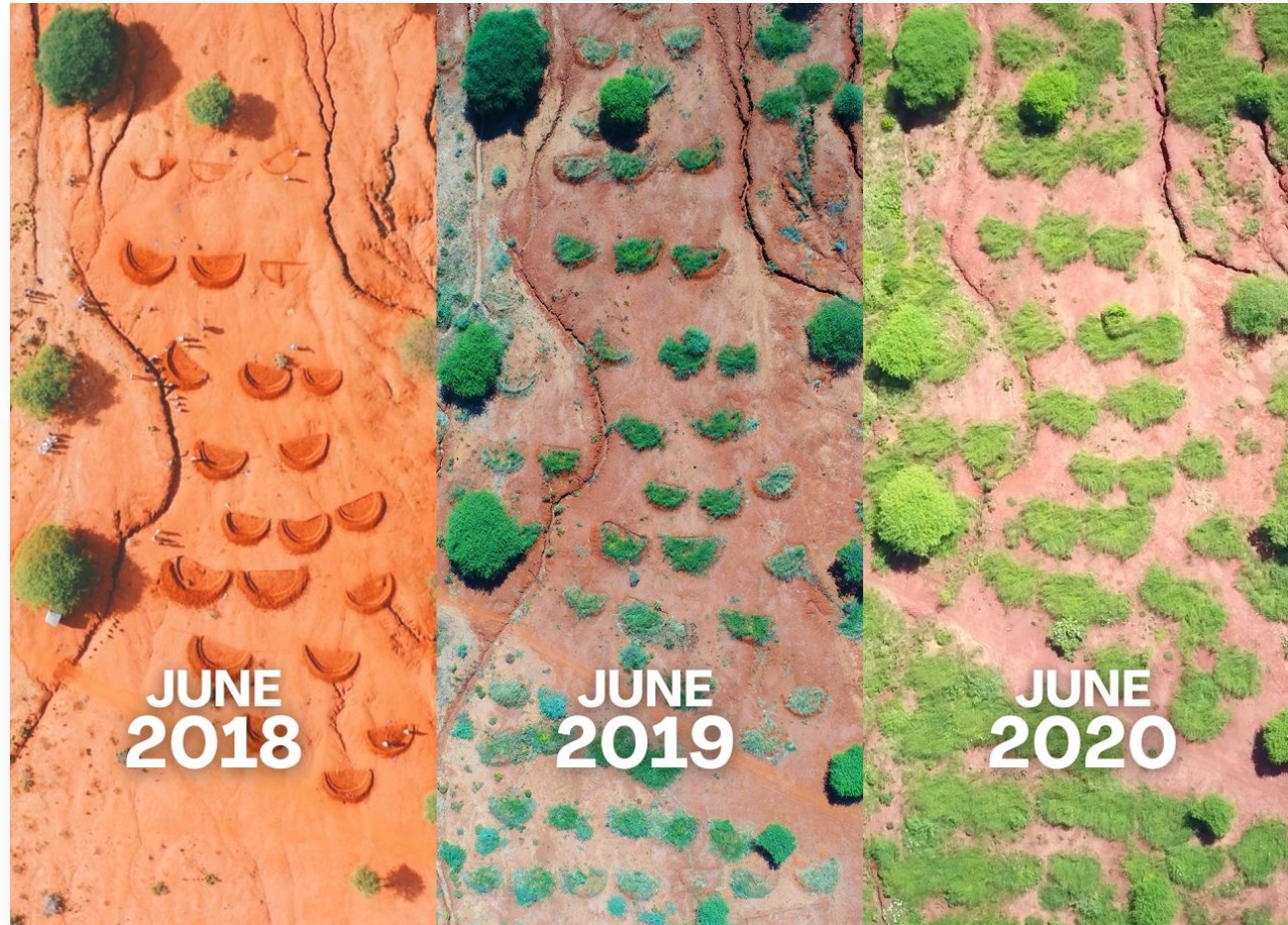


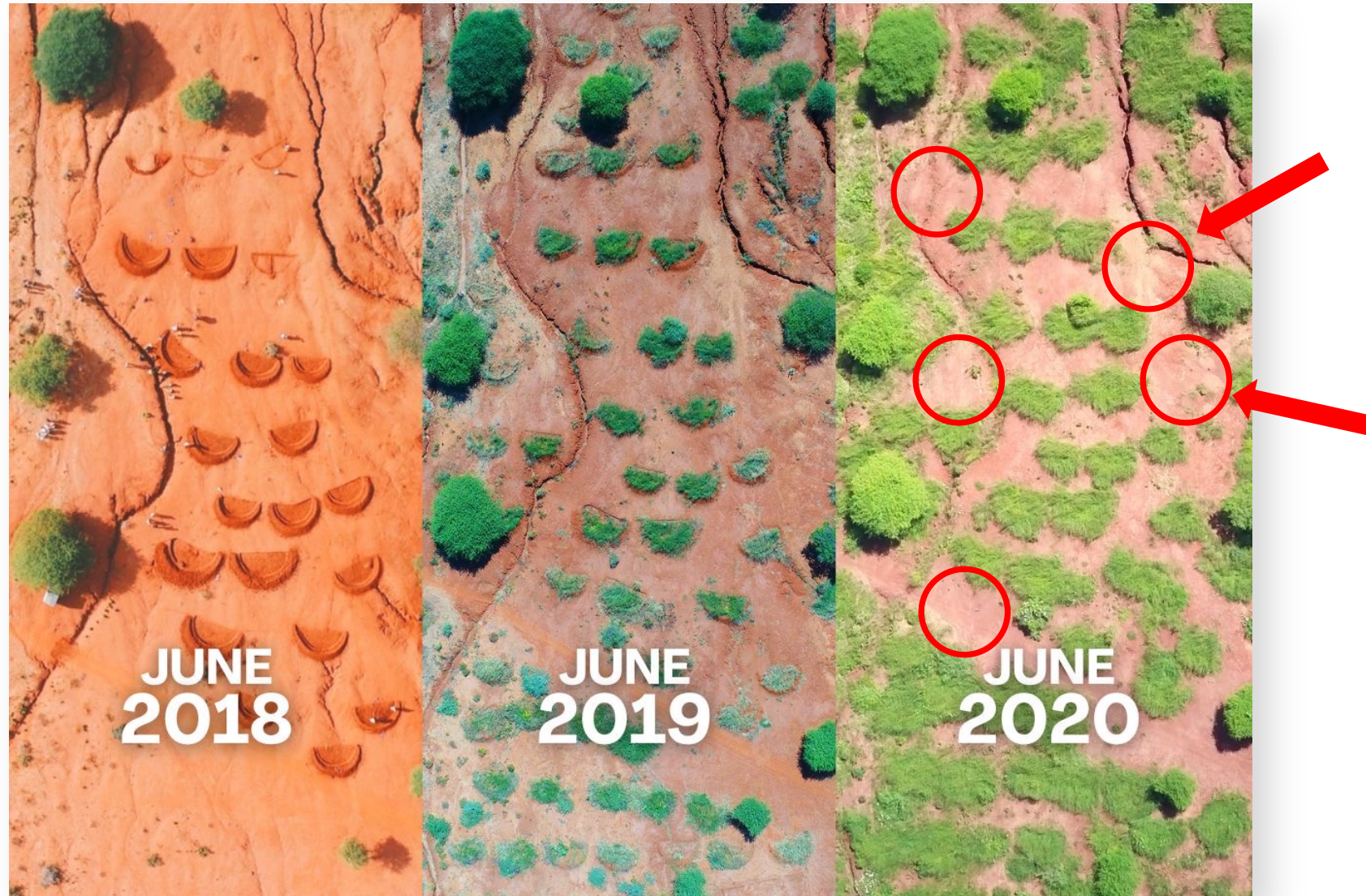
How do bunds work?



1. Capturing **rainwater**
2. Restoring **water balance**
3. Water becomes available for the **seeds**

Results





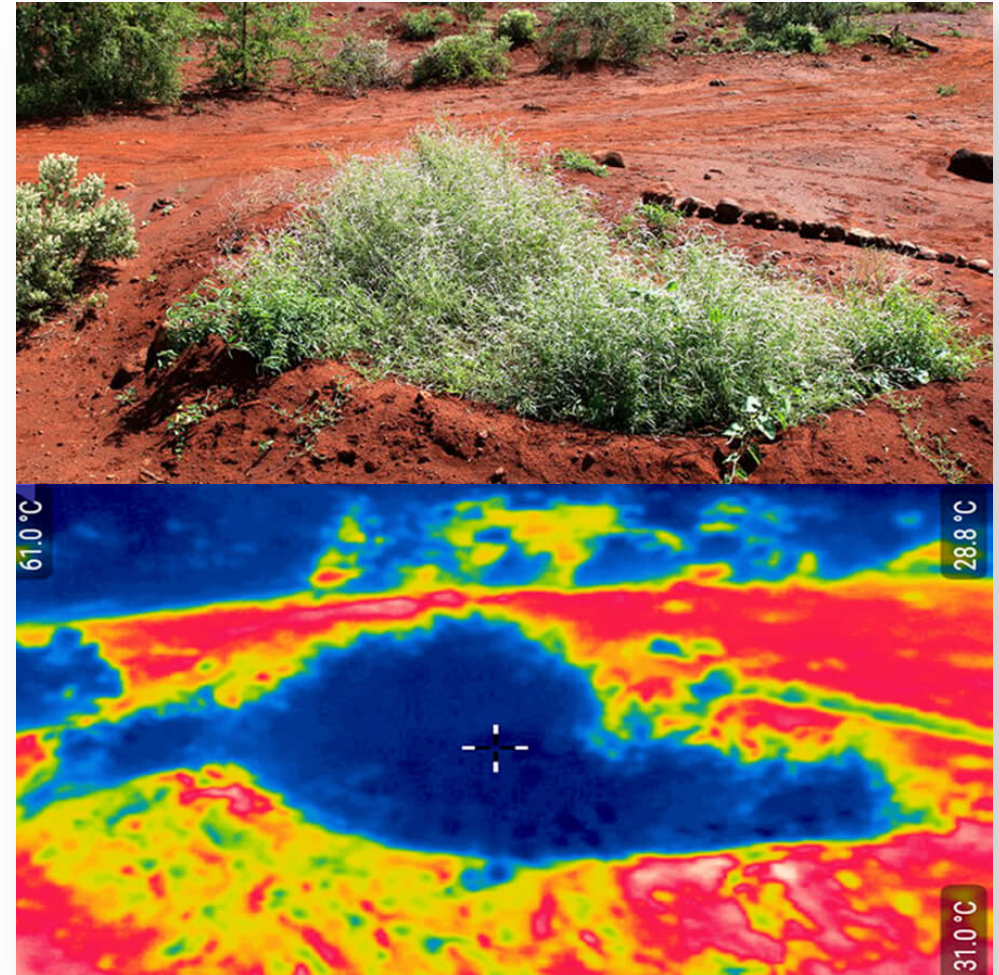
Regreening outside

- **Water** sink also into the **surrounding area**
- The **vegetation** inside the bunds starts to **grow outside**
- The **seeds** of the vegetation inside the bunds **spread out**



Benefits

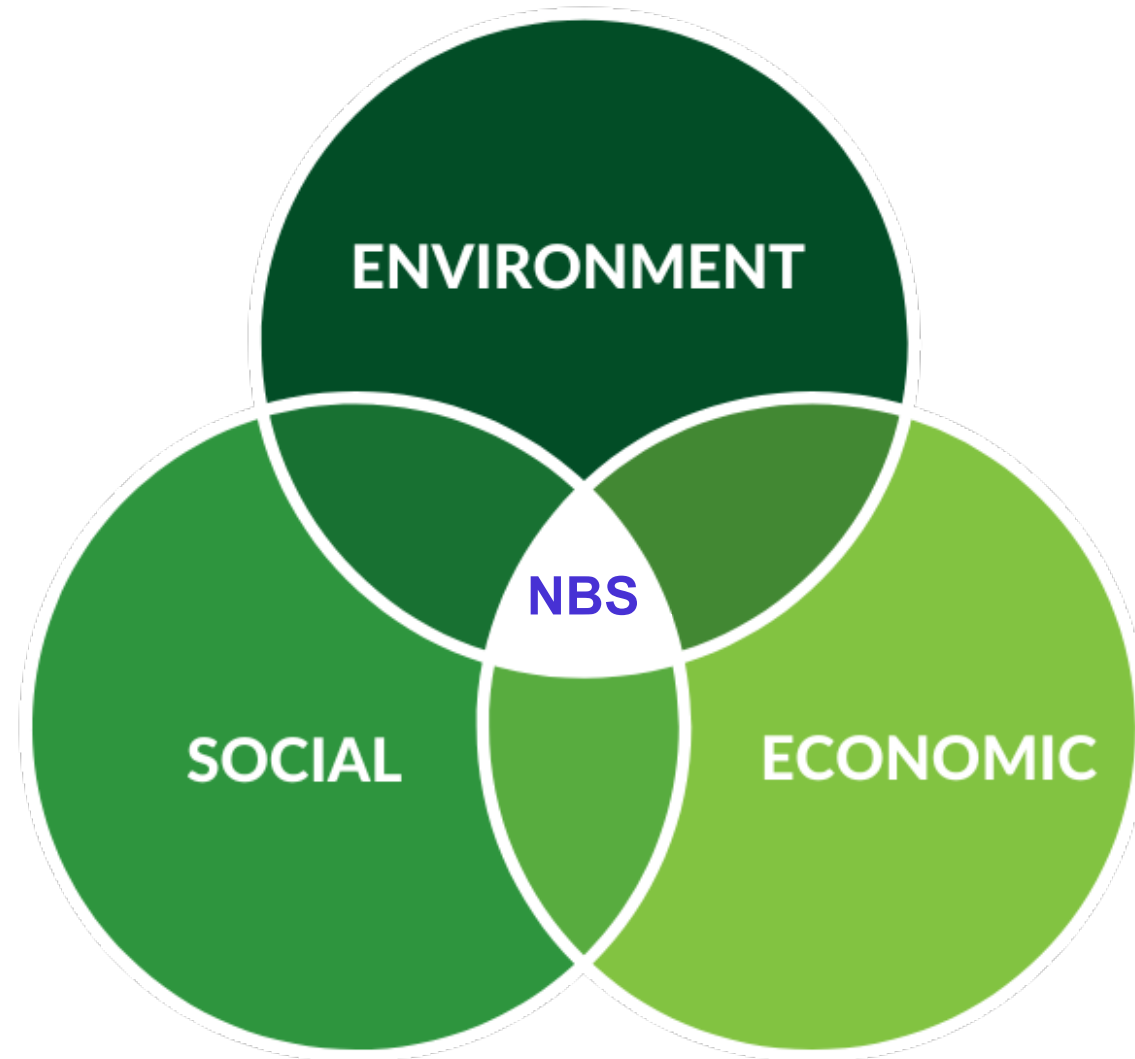
- Preventing **soil erosion**
- Improving the **quality** of the **soil**
- **Cooling down** the planet and the **environment** locally



Not just environmental benefits



- **Farmer** can brought their **lands back** to life
- **Women** can be **involved** in the Grass Seed Banks
- Many thousands of **people benefit directly** from this NBS



Thanks for your attention



ANY QUESTIONS?



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101003757