



AFRICA BEES
MAPPING THE WORLD

Drones in Natural Resources Management

Landfolio for Natural Resources 2019 User Conference

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emapsite[™]
international

*emapsite international is a trading name of Africa Bees Limited. UK Company Number 11590066.



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DRONE TECHNOLOGY ADVANTAGES

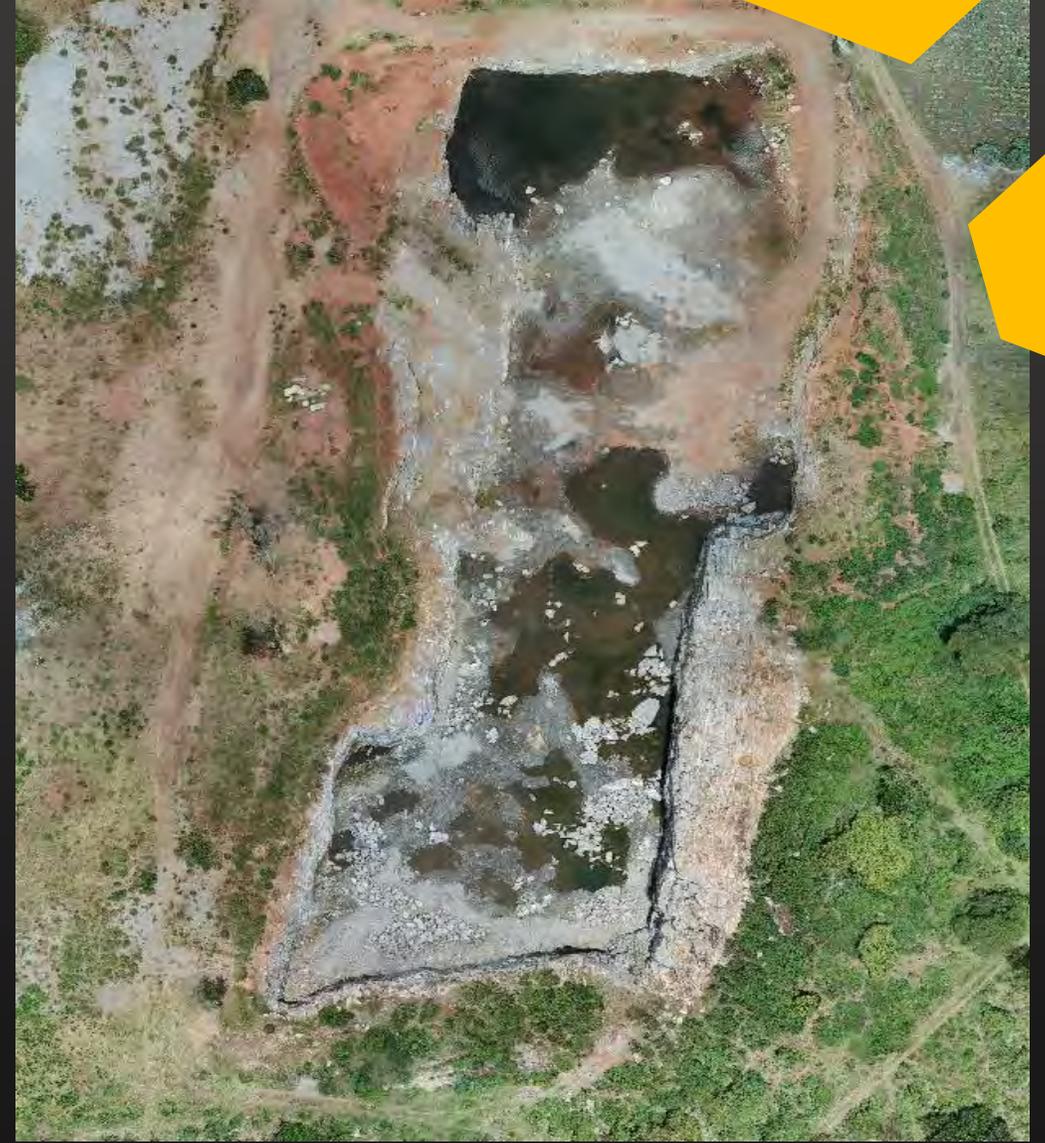
With the use of new drone technology it is now possible to **quickly capture** detailed and **accurate mapping** in both 2D and 3D efficiently. This creates an opportunity to **empower** local pilots to capture geospatial data and carry out **quick analysis** using available technology at **considerably lower costs**.



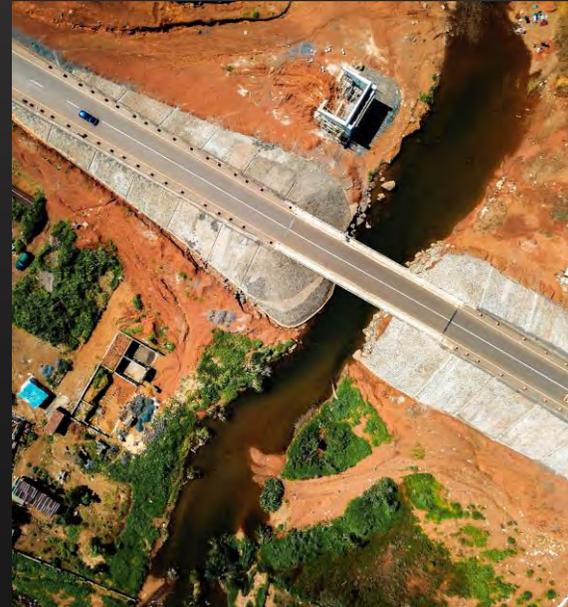
DRONE TECHNOLOGY SECTORS

Drone mapping use cases by Industry include: natural resources, exploration, mining, construction, land surveying/cadastre, inspection & monitoring, environmental impact, agriculture, forestry, emergency management, education, real estate, education, health and humanitarian.

MINING



CONSTRUCTION



URBAN



AGRICULTURE &

CADASTRE



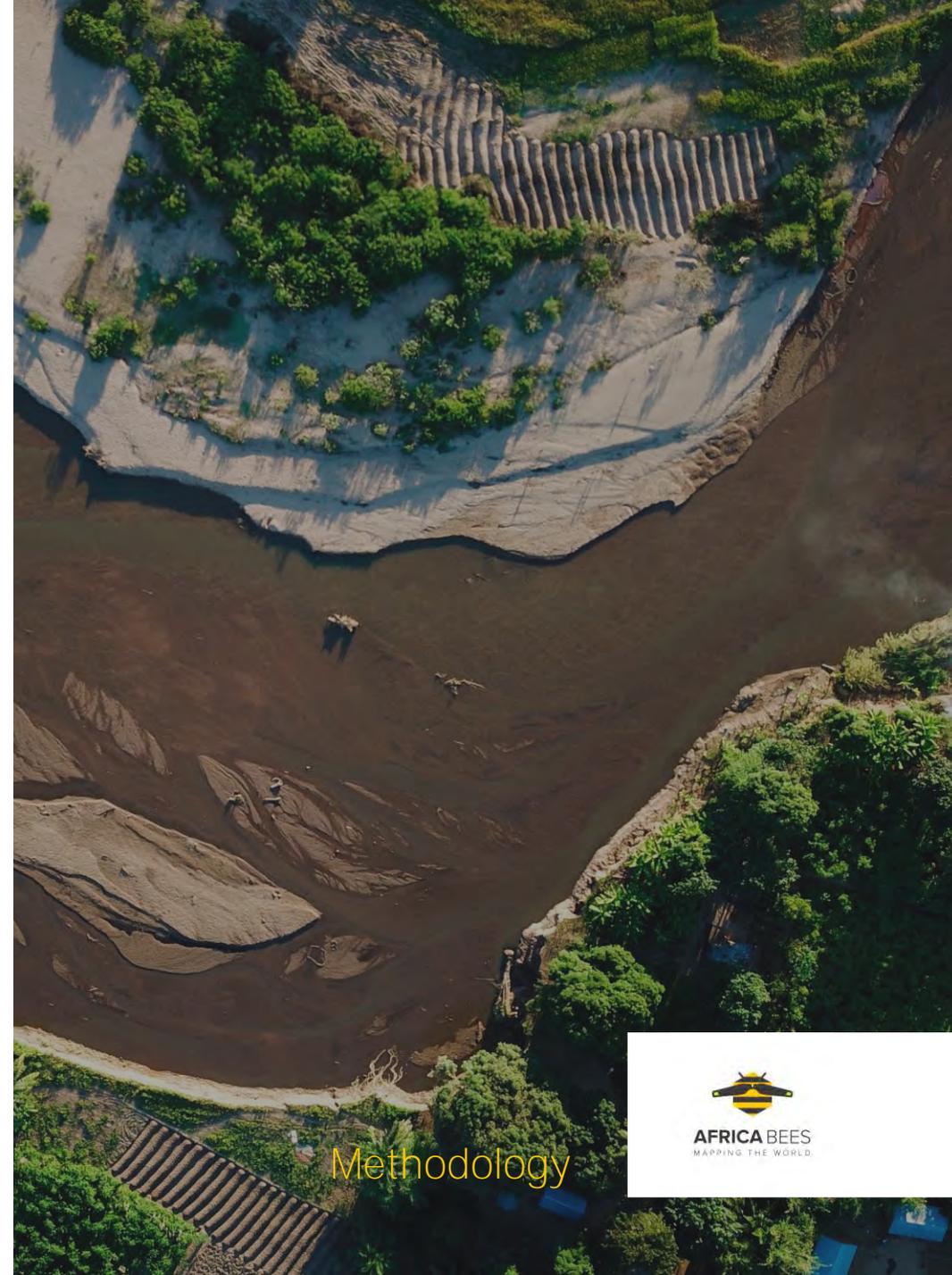
DAMS, Floods & Droughts



SOCIAL & HUMANITARIAN



1 What's involved in a DRONE SURVEY



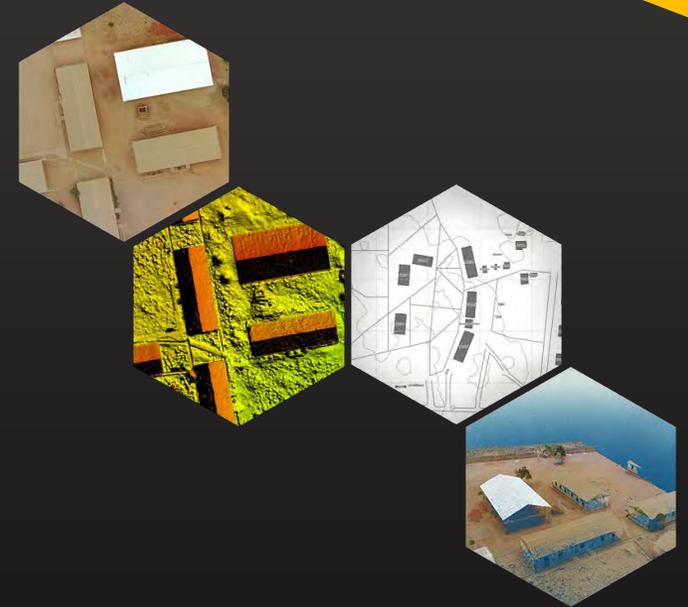
Methodology



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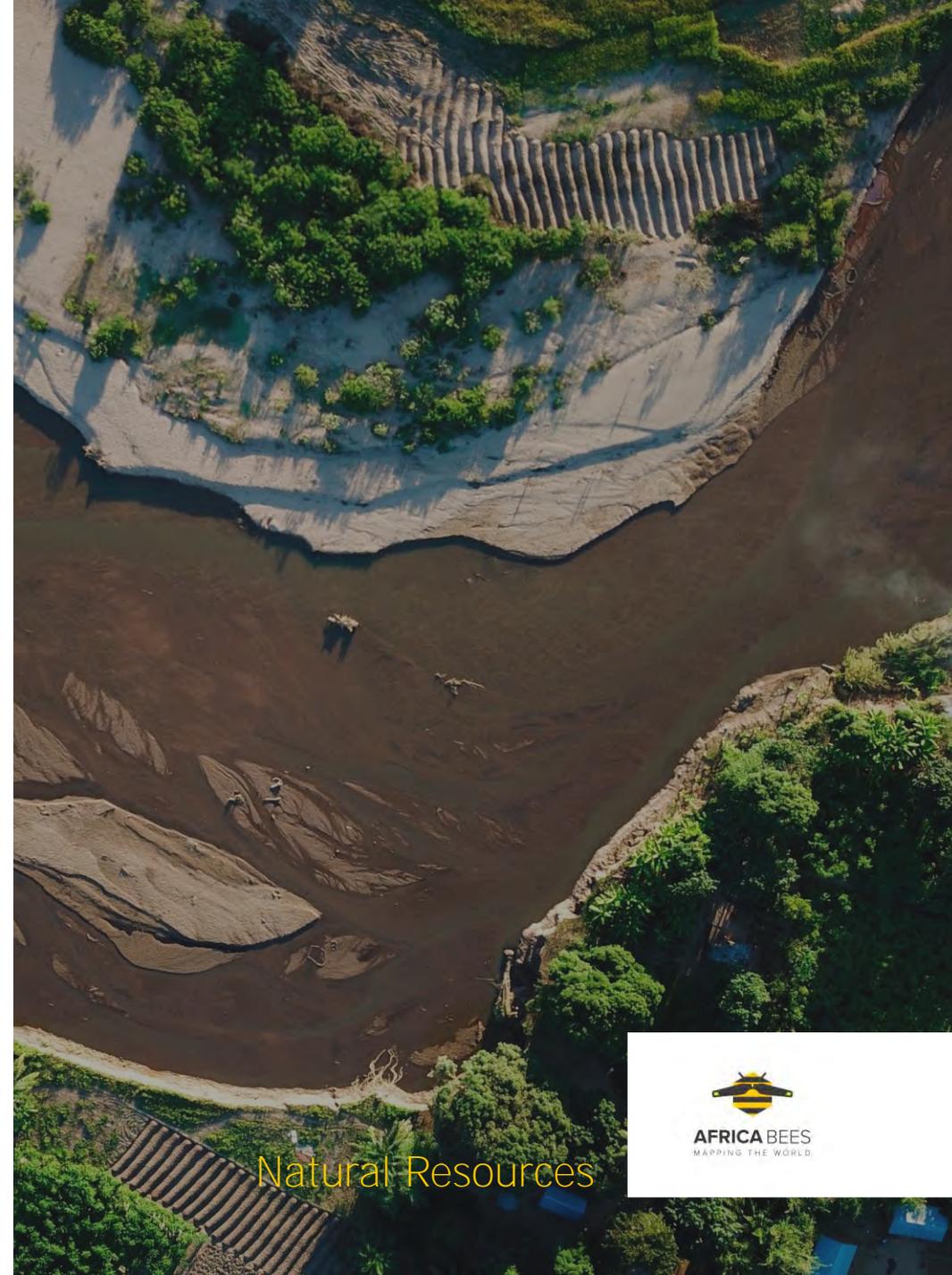
NOT JUST PRETTY PICTURES



PROCESS

PRODUCTS

2 MINING EXAMPLE



Natural Resources

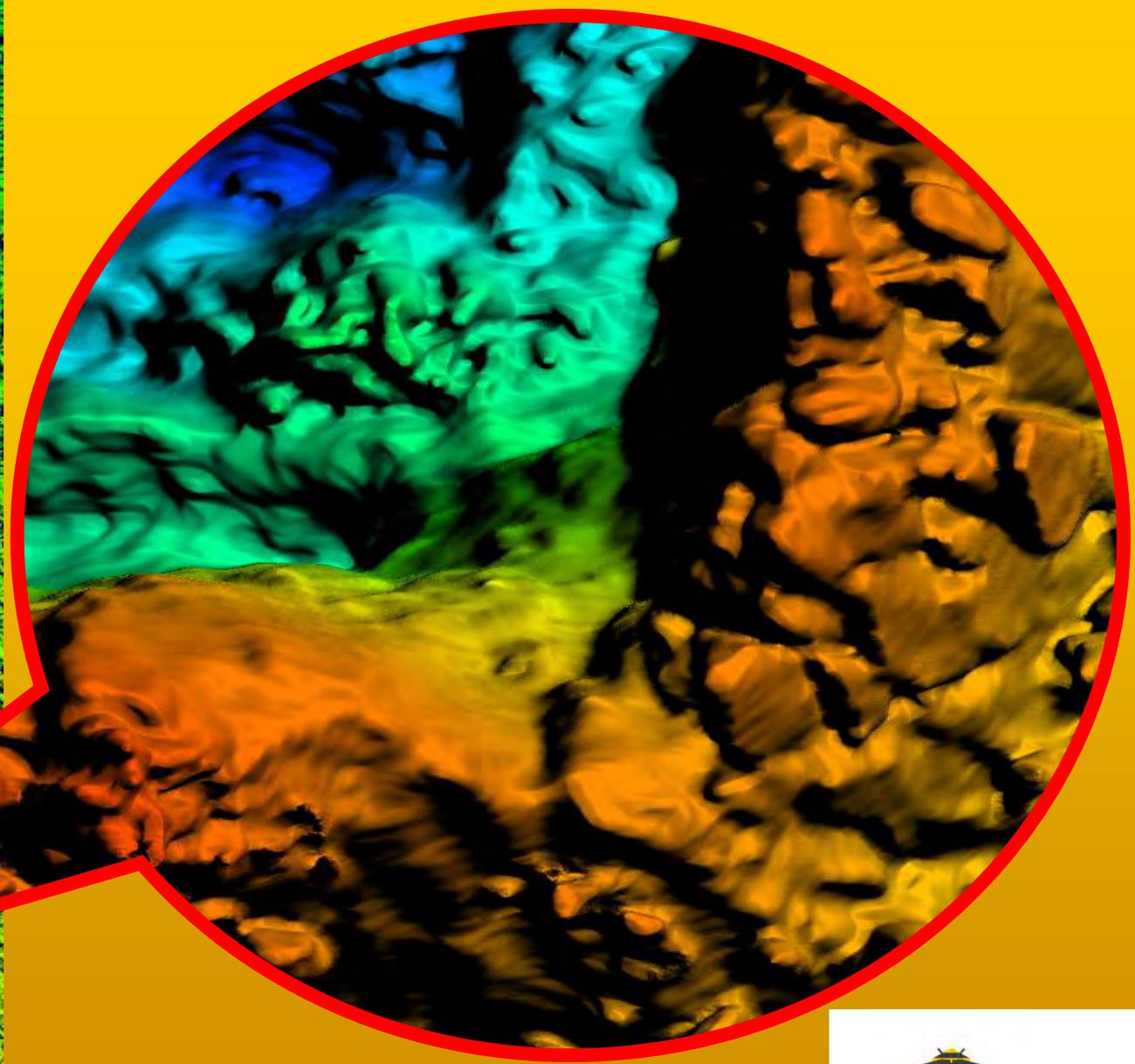
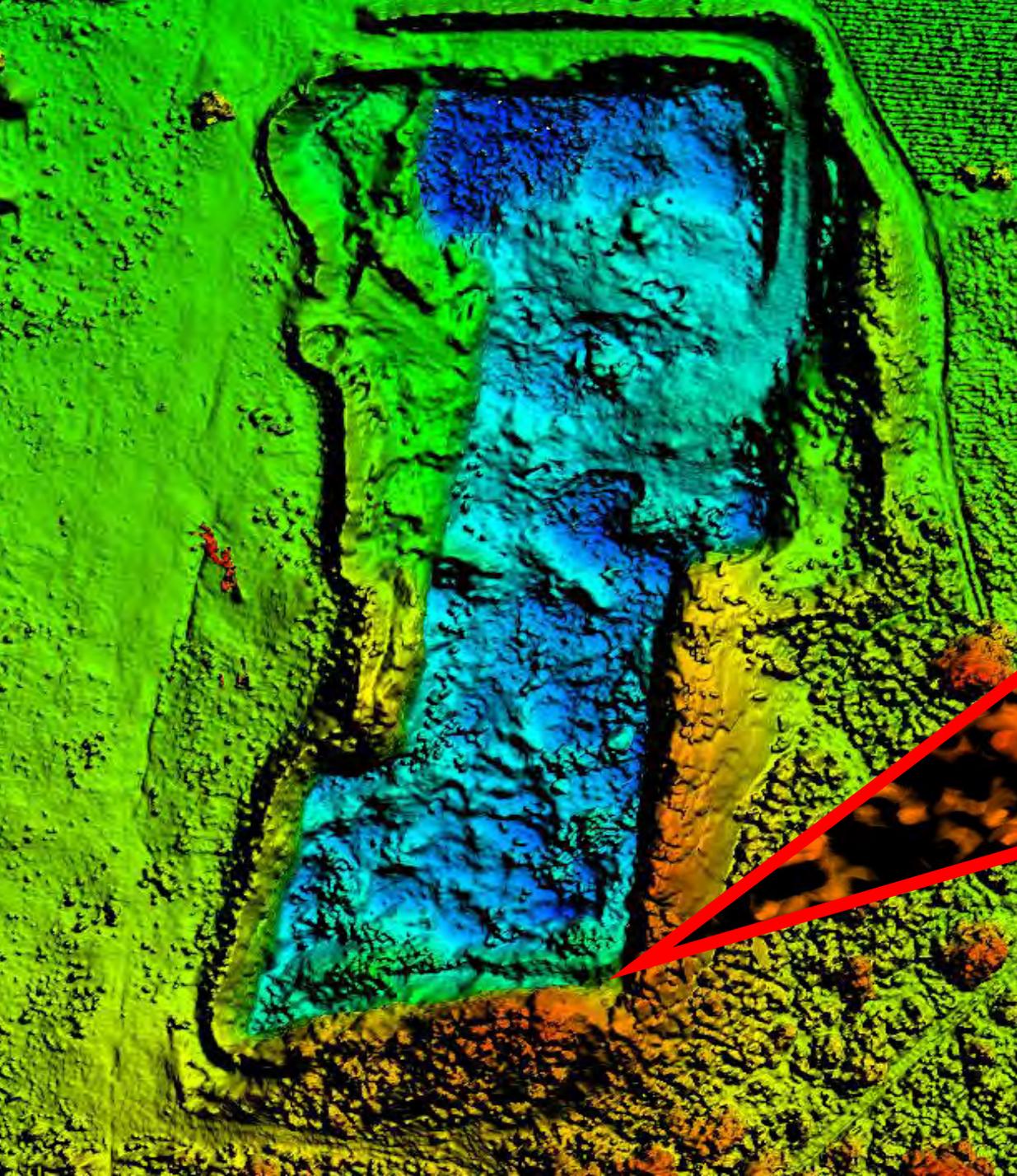


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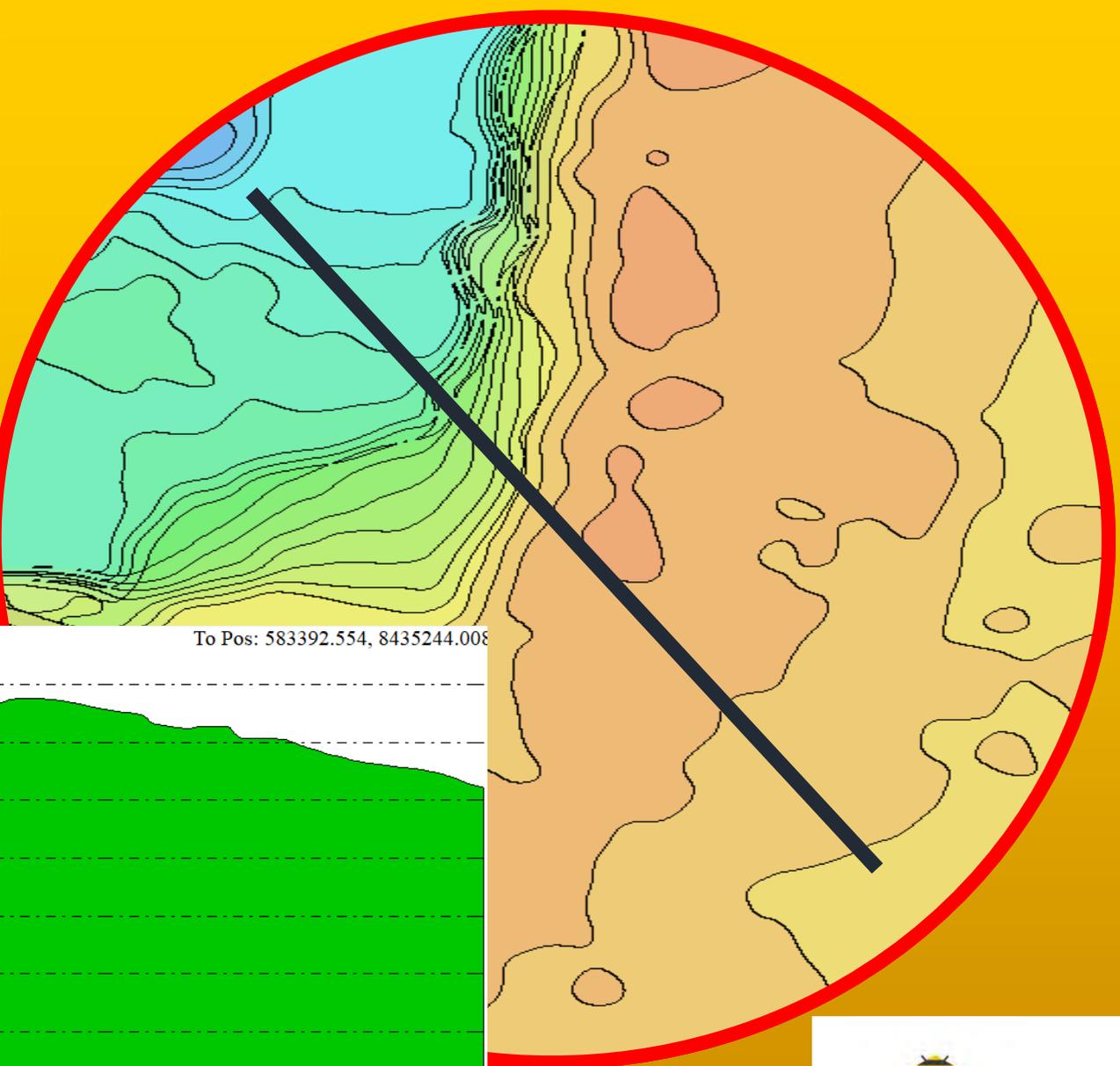
DRONE 3cm





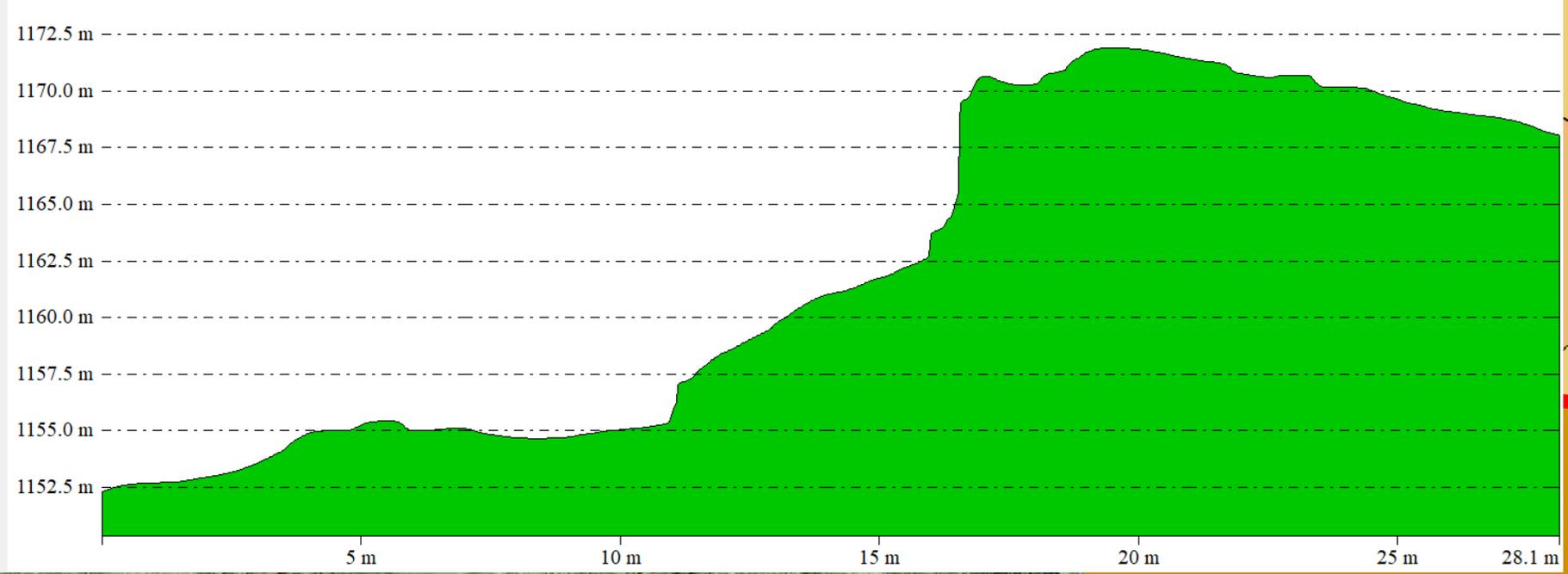
DRONE DSM 3cm



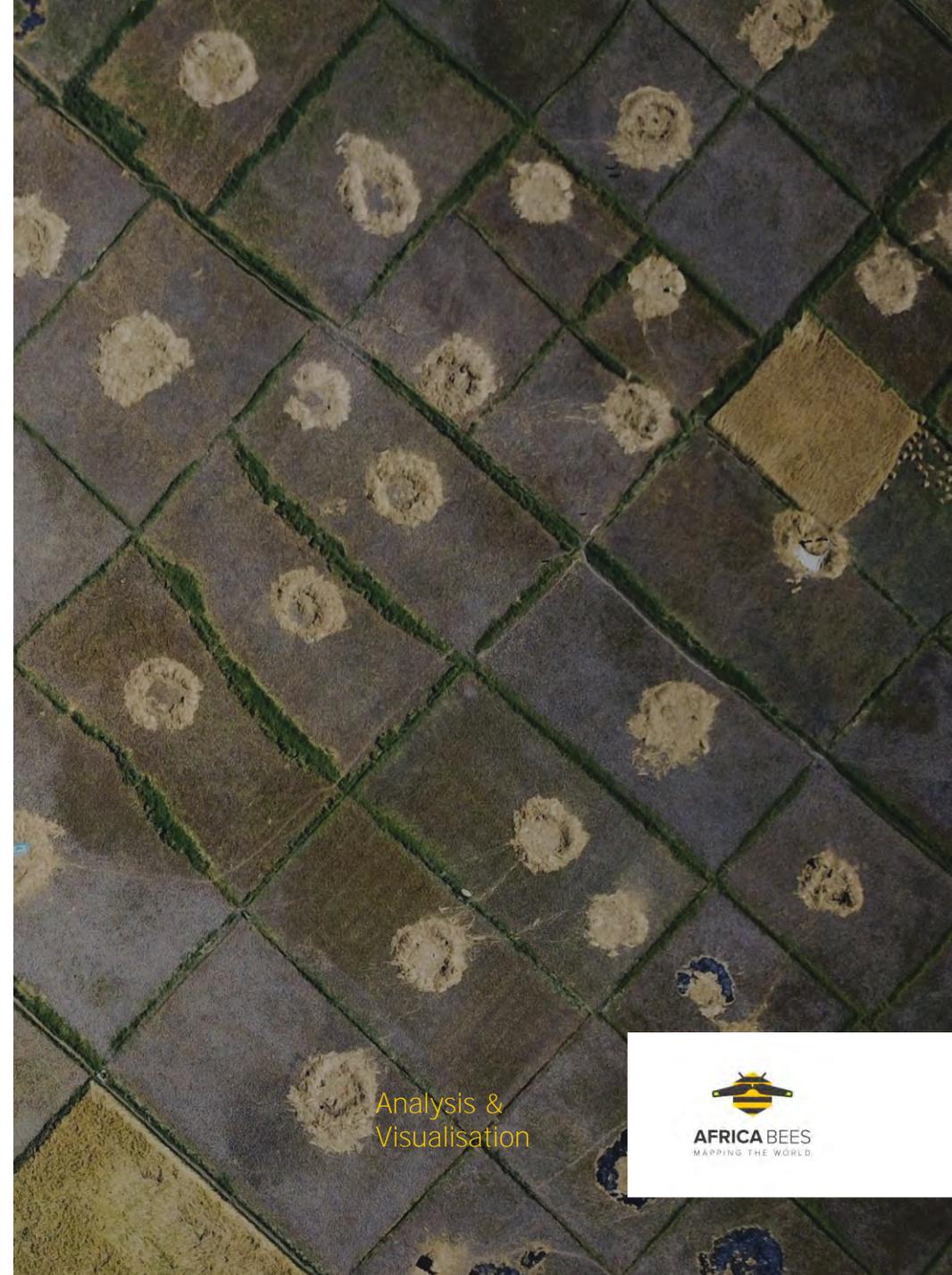


From Pos: 583372.991, 8435264.211

To Pos: 583392.554, 8435244.008



3 ANALYSIS



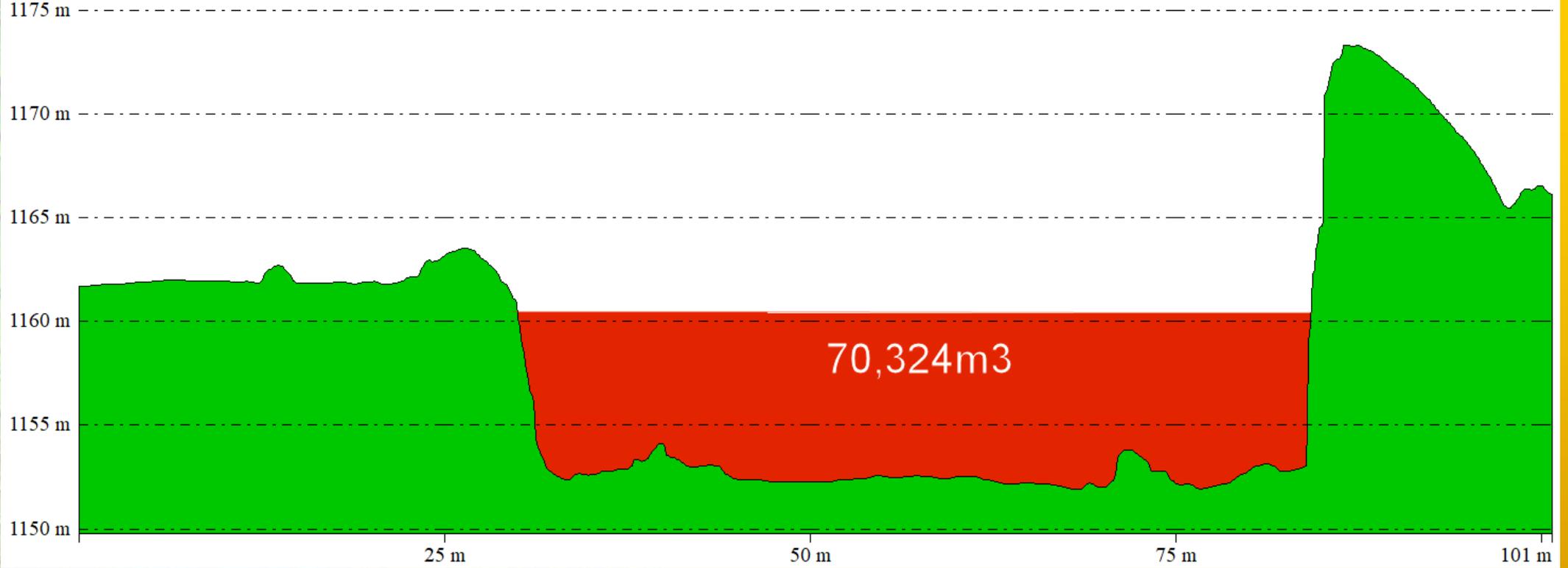
Analysis &
Visualisation



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From Pos: 583302.171, 8435268.753

To Pos: 583402.816, 8435272.435



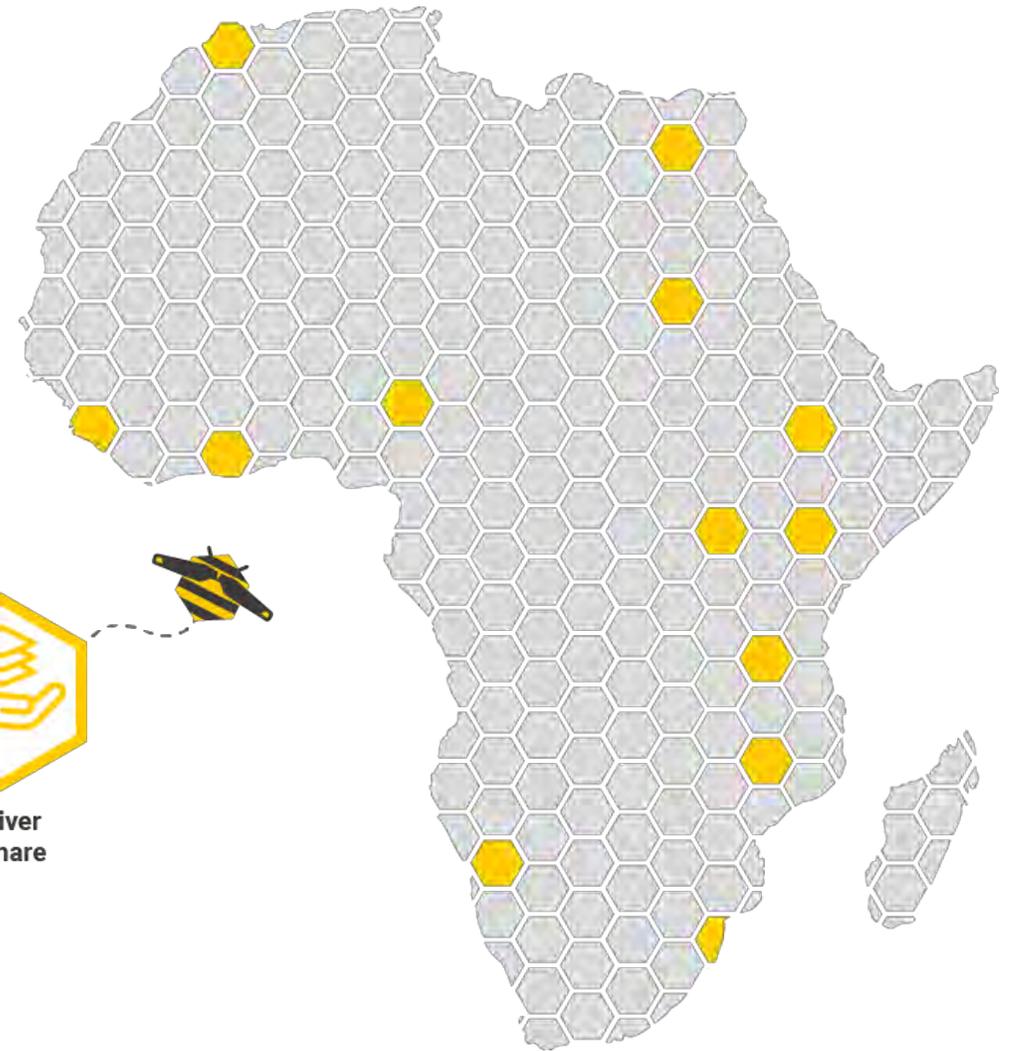
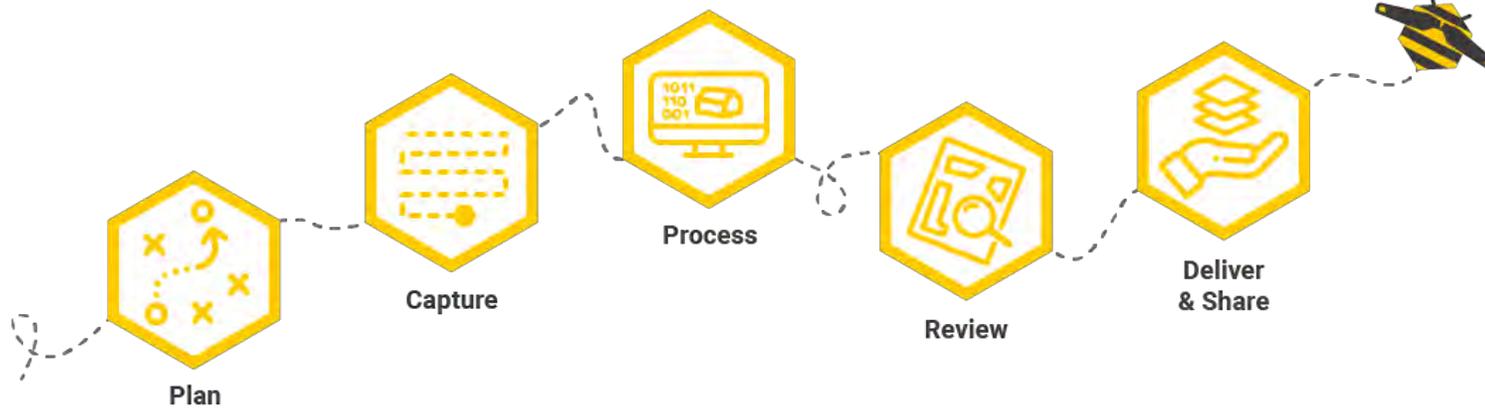
ENGINEERING PROFILE







THANK YOU



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