



Andrew Zolli

Planet Labs

Beyond Aerial Robotics

@WeRobotics



Toward a Transparent Planet

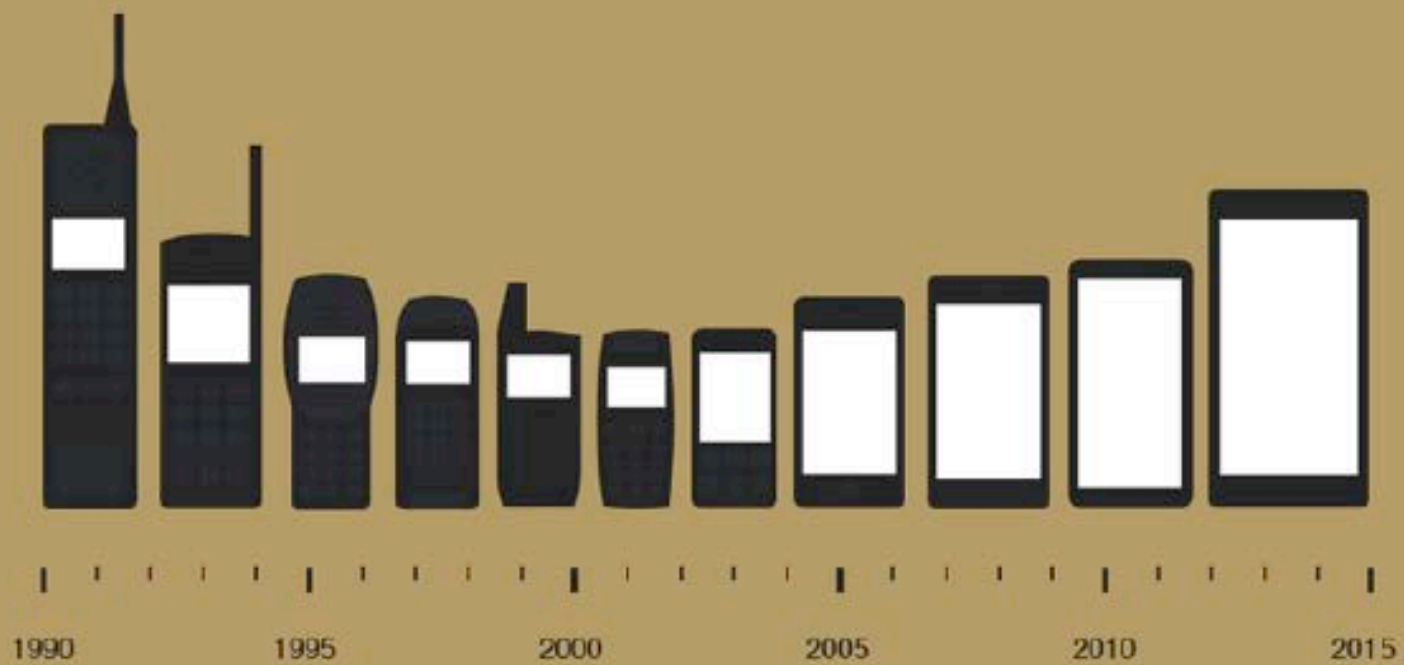
Andrew Zolli | Global Impact Initiatives




Pope Benedict in 2005



Pope Francis in 2013

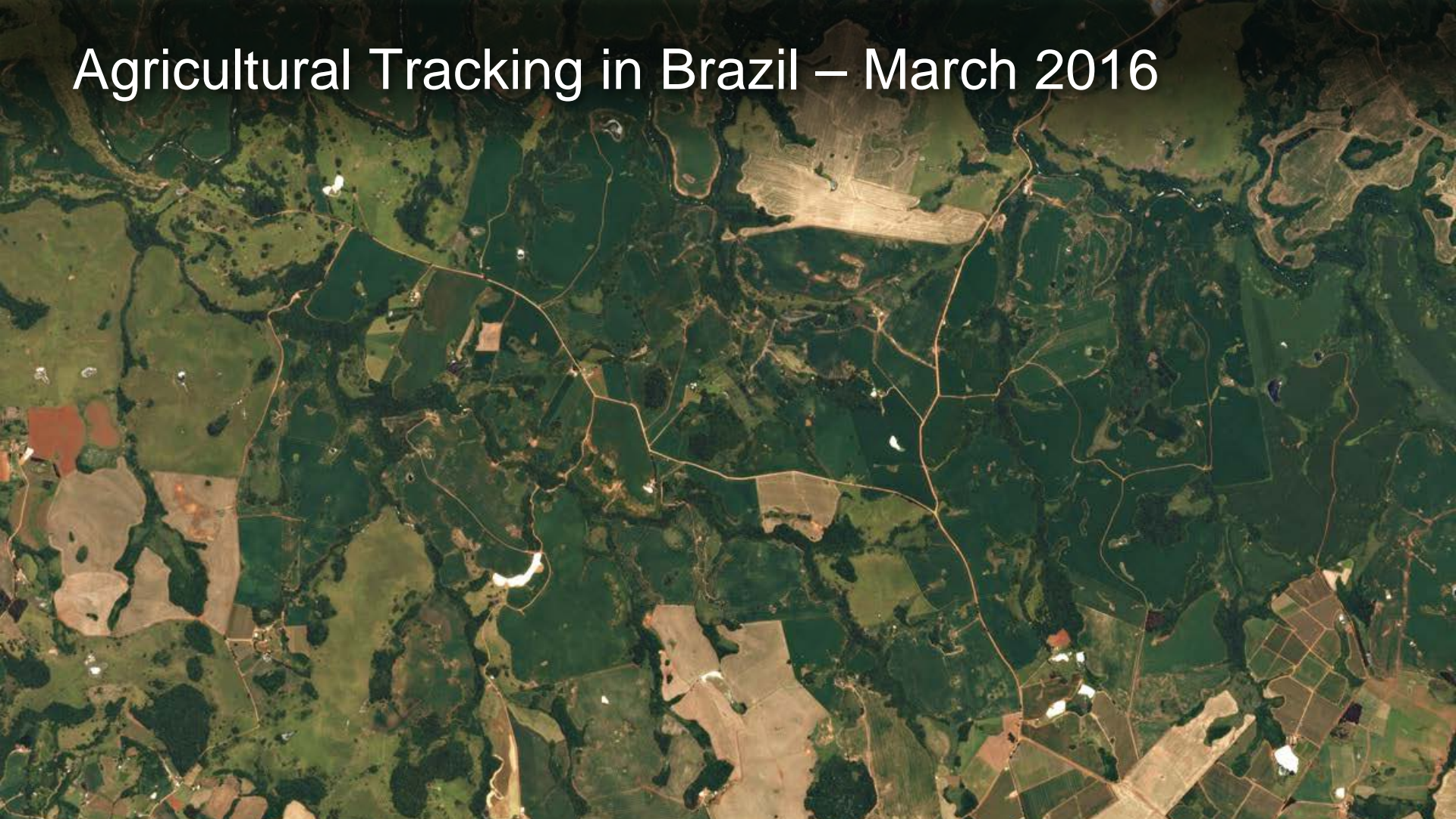


An aerial photograph of a tropical island. The island is lush green with dense vegetation. A prominent feature is a network of reddish-brown lines, likely a drainage system or a specific type of terrain. The island is surrounded by a shallow lagoon with clear, turquoise water, and a coral reef is visible just outside the lagoon. The background shows more of the island and some white clouds in the sky.

Mission 1: image the whole Earth, every day,
and make global change visible, accessible,
and actionable.



Agricultural Tracking in Brazil – March 2016



Agricultural Tracking in Brazil – May 2016



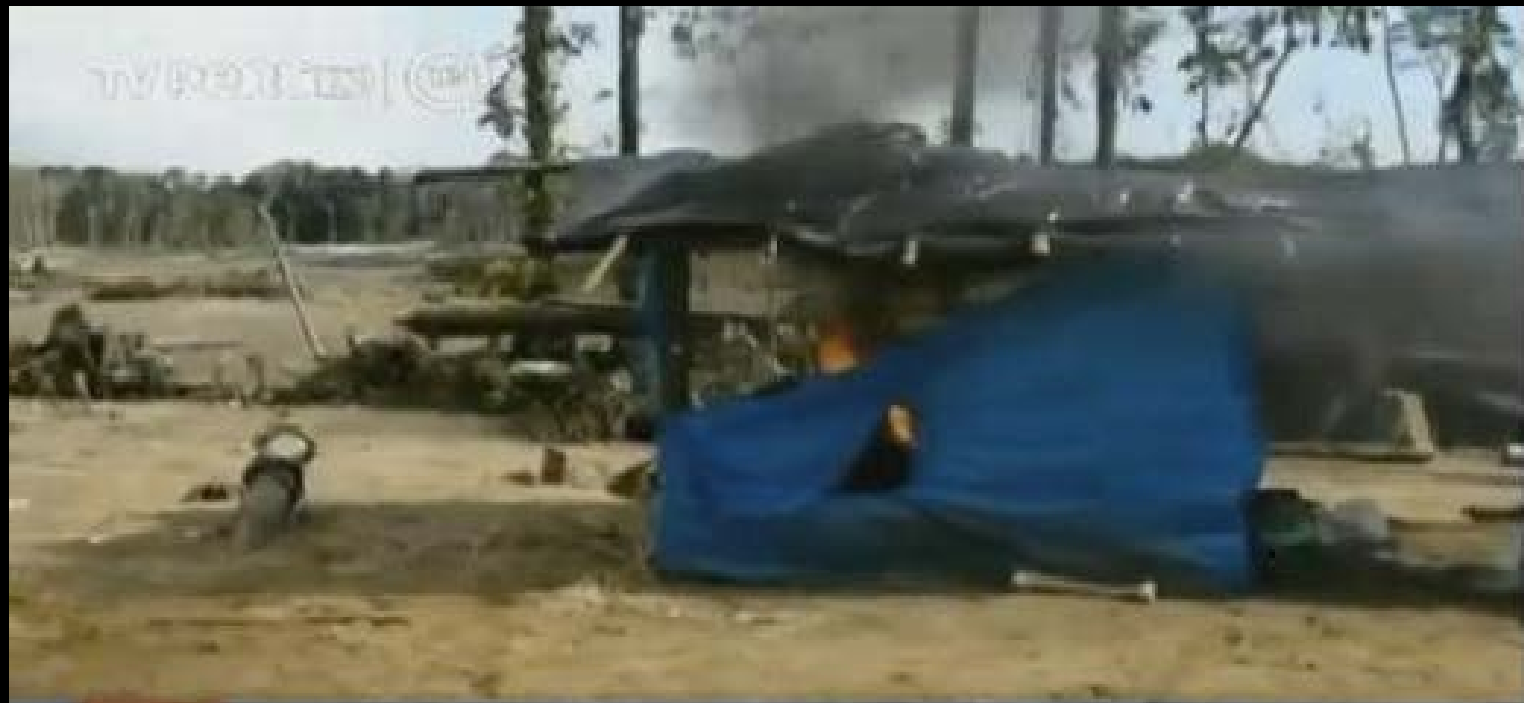
Illegal Gold Mining in Peru – Jan 2016



Illegal Gold Mining in Peru – May 2016



TV PUNTO 7.3

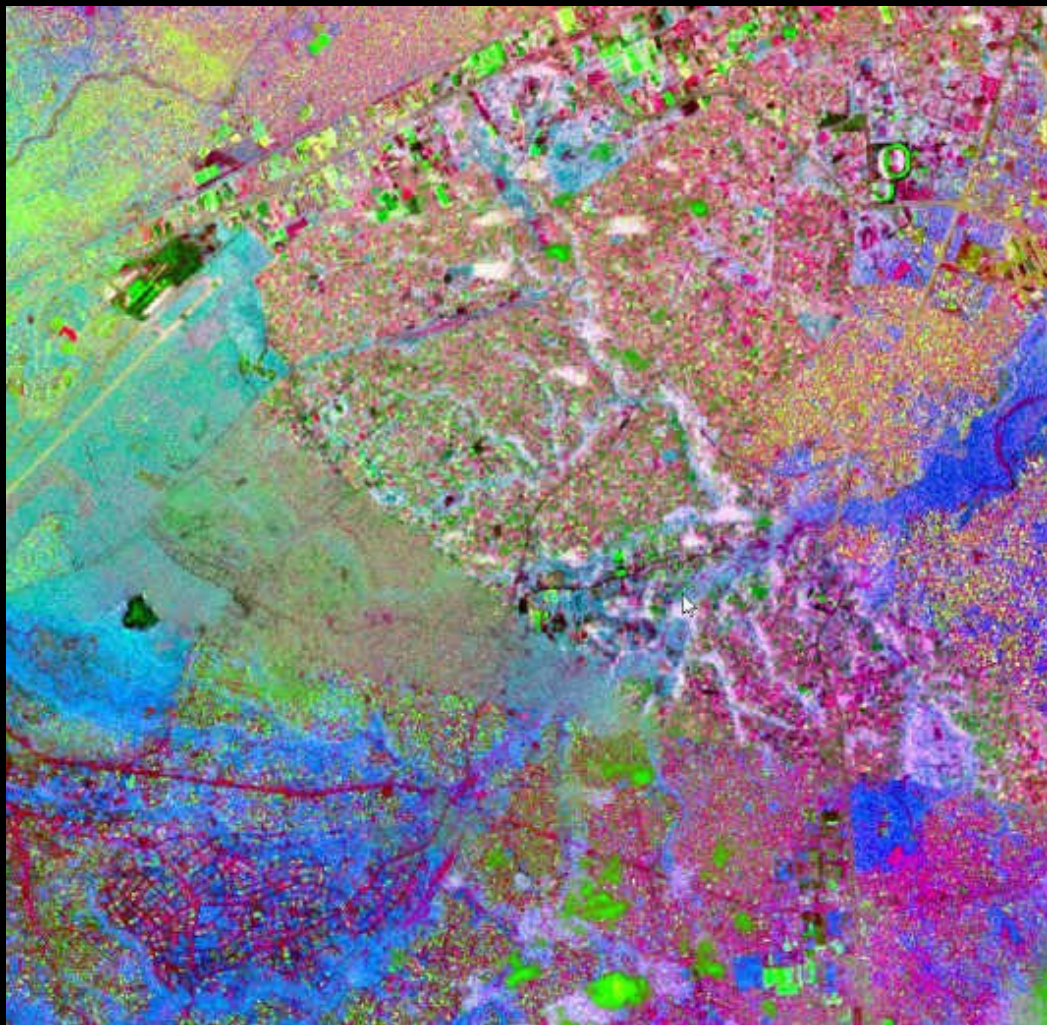


7.3
NOTICIAS
15:51

MADRE DE DIOS: MARINA DE GUERRA DESTRUYÓ CAMPAMENTOS
INTERVENCIÓN PRETENDE ACABAR CON MINERÍA ILEGAL

Characterizing Rapid Urban Change in Dar es Salaam





Astonishing time-lapse satellite imagery shows rapid growth of refugee camps

By **Max Bearak** September 19 

ADJUMANI, UGANDA

February — August 2016



RAPID DEFORESTATION



Bolivia

July 29, 2016

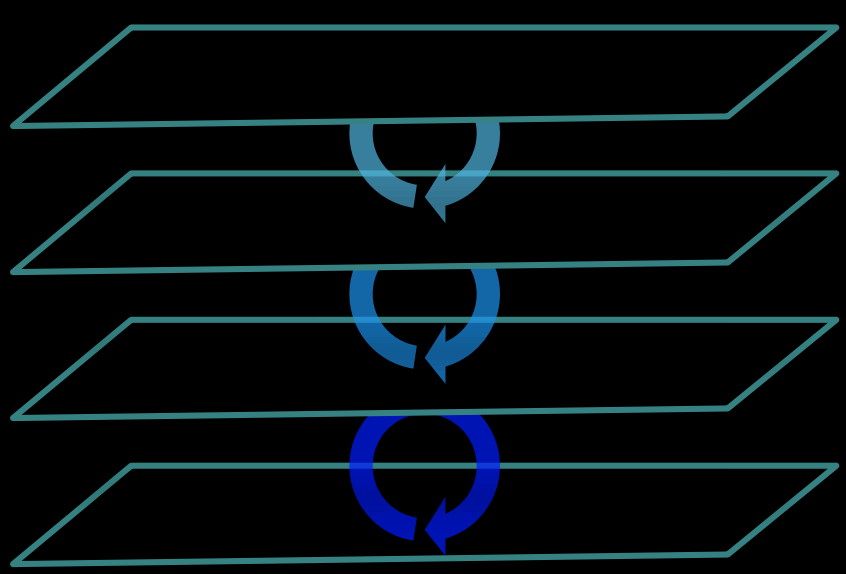
From “Big Data” to “Big Indicators” to “Big Instruments”

Instrument

Indicator

Insight

Information



More Value



More Info




Measuring Economic Participation in Nigeria

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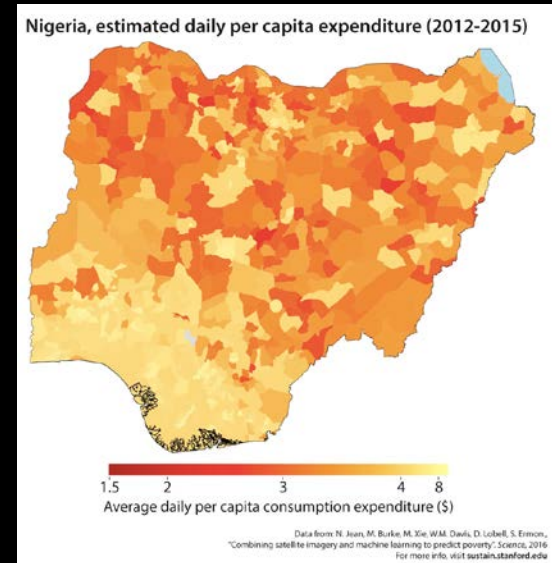
Combining satellite imagery and machine learning to predict poverty

Neal Jean^{1,2,*}, Marshall Burke^{3,4,5,*}, Michael Xie¹, W. Matthew Davis⁴, David B. Lobell^{3,4}, Stefano Ermon¹
+ See all authors and affiliations

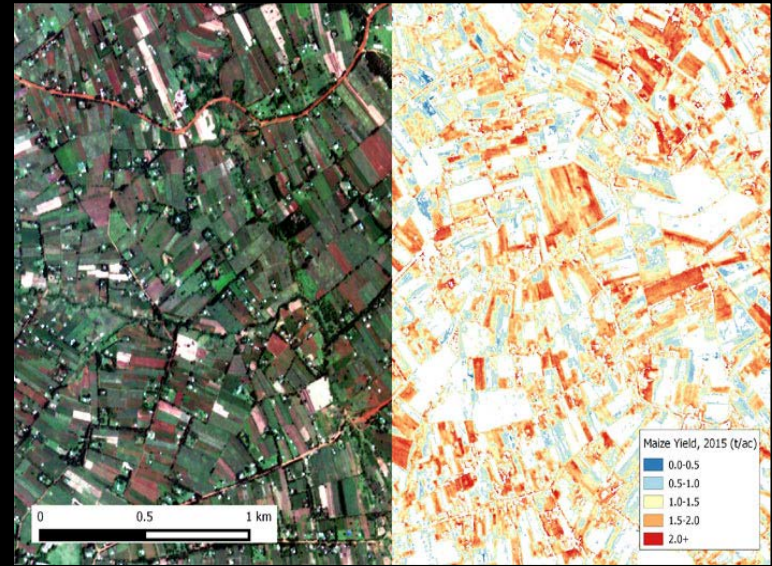
Science 19 Aug 2016;
Vol. 353, Issue 6301, pp. 790-794
DOI: 10.1126/science.aaf7894

 Peer Reviewed
← see details

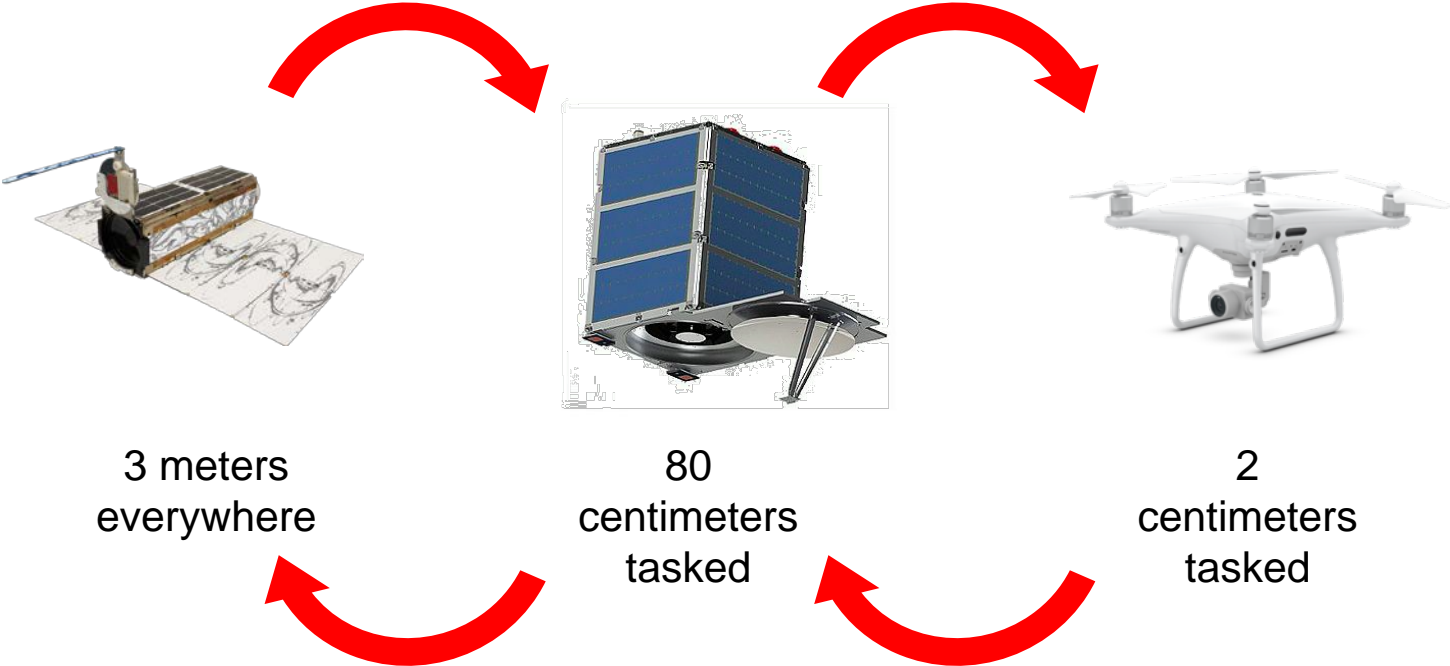
Article Figures & Data Info & Metrics eLetters PDF



Predicting Smallholder Productivity in Kenya and Nigeria

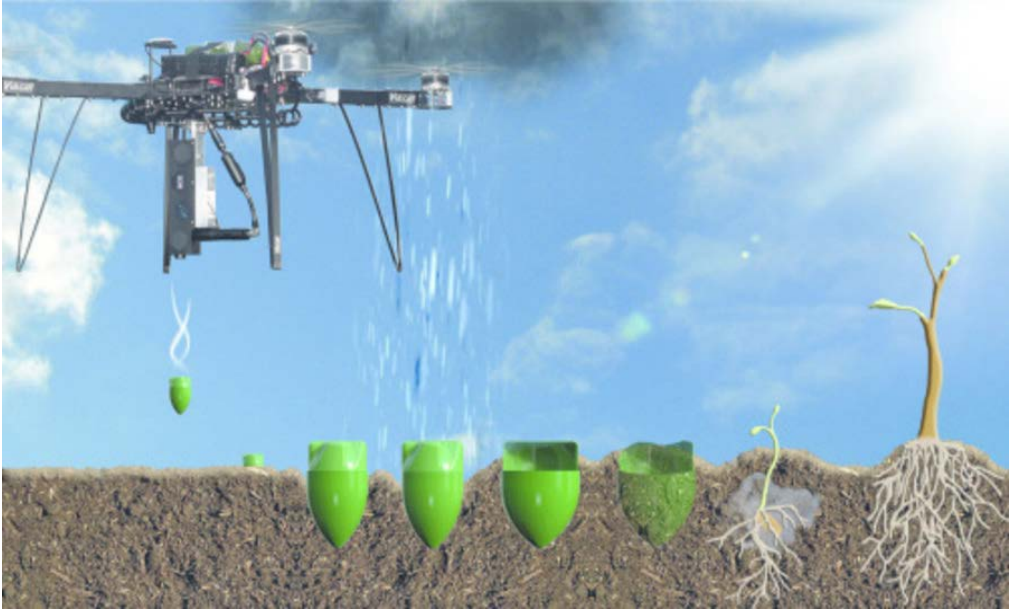


Tip and Cue





BioCarbon Engineering



Thank you!

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