SATELLOGIC®

LIVE INSIGHTS ON A PLANETARY SCALE

SATELLOGIC®

We provide live analytics of what is happening anywhere on the planet

Giza

Barcelona

Pyongyang

Washington

Rome

Tokyo

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We are capturing every square meter of the Earth's surface and applying machine learning to derive insights and enable better decision making for industries, governments and individuals.

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ROADMAP

2013-2017

**TODAY: 3 prototypes +
5 Service Satellites in orbit**

- 1m resolution MS
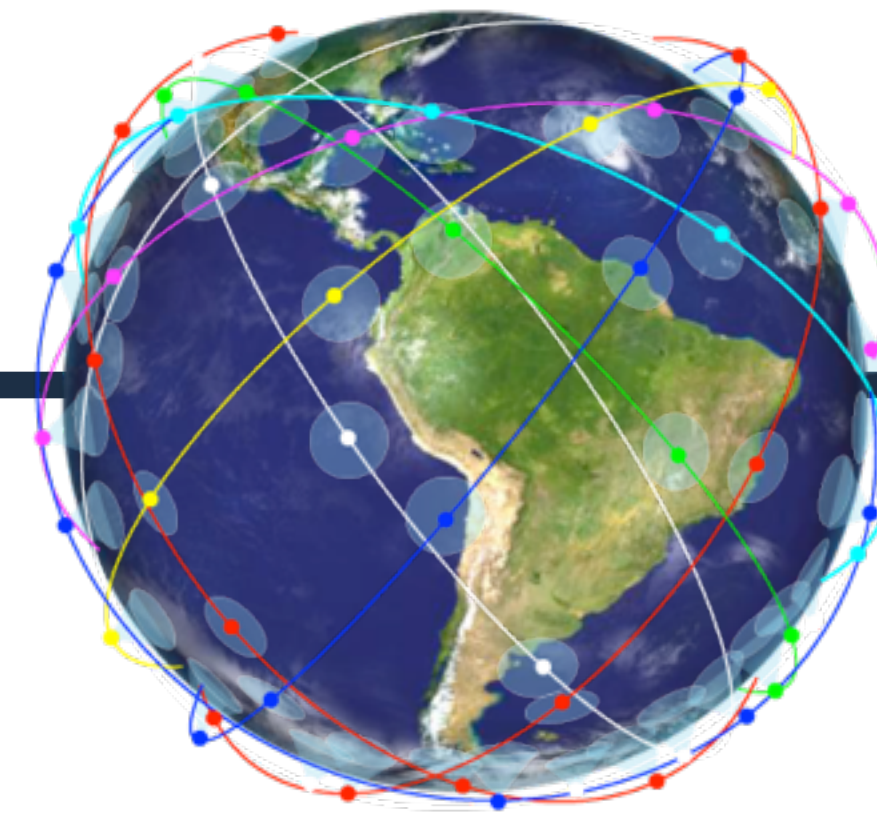- 30m resolution HySp
- 90m resolution TIR
- 1m resolution video

2017-2018

10+ Satellites in orbit

Quarterly remaps of the
planet at 1 meter.
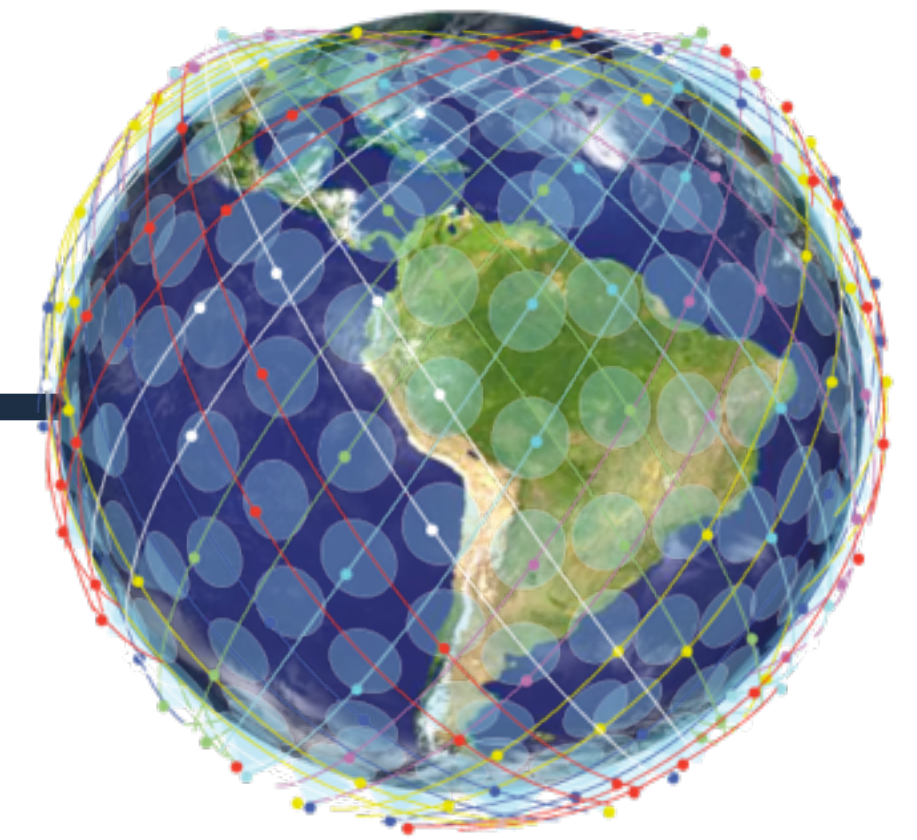Remaps at 30m HySp
every 2 days

2019-2020

**>100 Satellites in orbit
15m revisit times**

Weekly remaps of the
planet at 1m
Hourly remaps at 30m
HySp.

2020+

**>300 Satellites
<5m revisit times**

Daily remaps of the planet
at 1m
Real time remaps at 30m
HySp.

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RICH, DETAILED DATA EVERY FEW MINUTES
TO POWER A NEW PLANETARY AWARENESS

Our combination of payloads at a scalable cost allow us to model and learn about planetary activity at an unprecedented resolution and scale

Roseamead, California
Multispectral Image

Occidental Sahara

Louisiana

1 meter resolution multispectral data for understanding economical activity in the planet
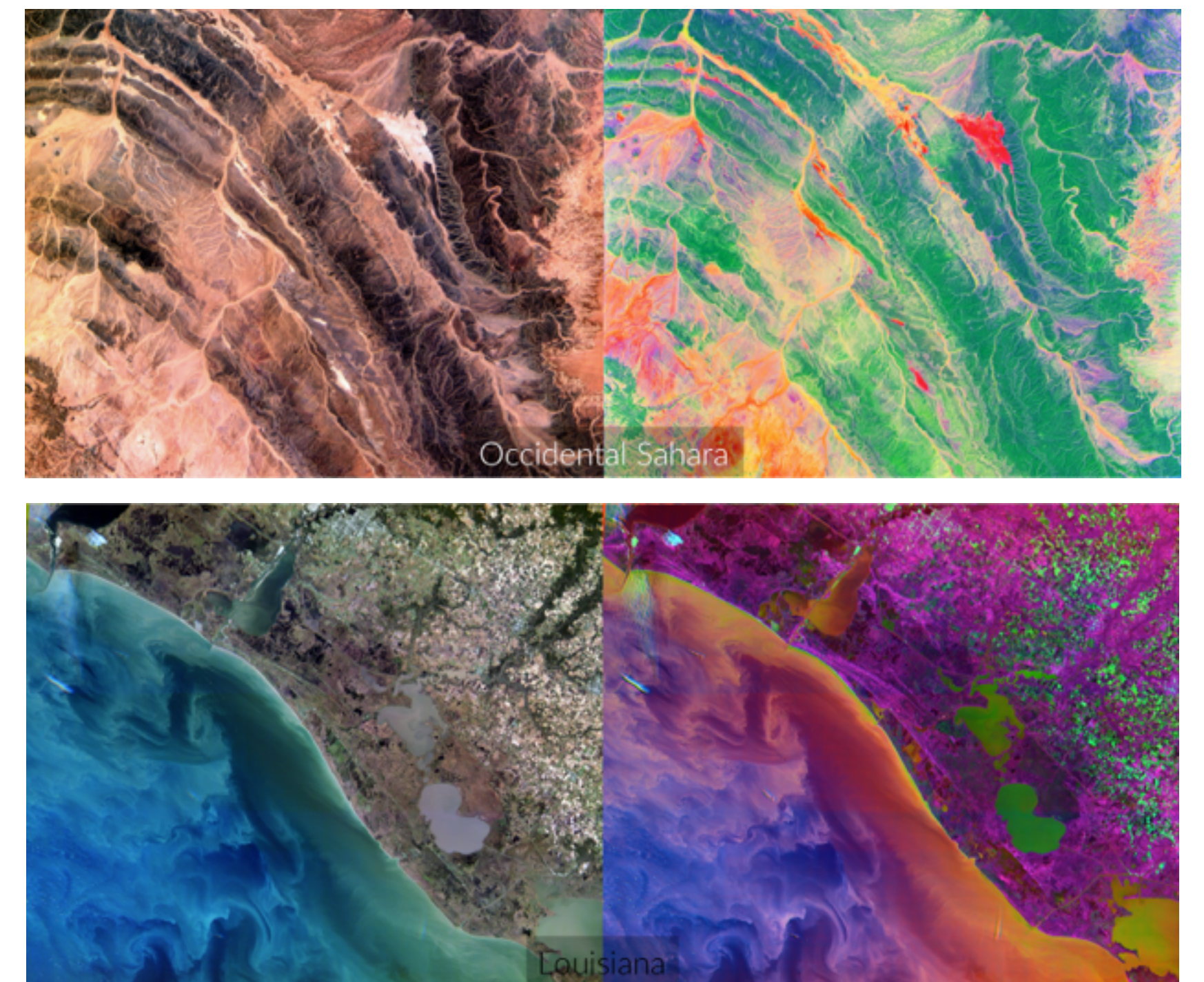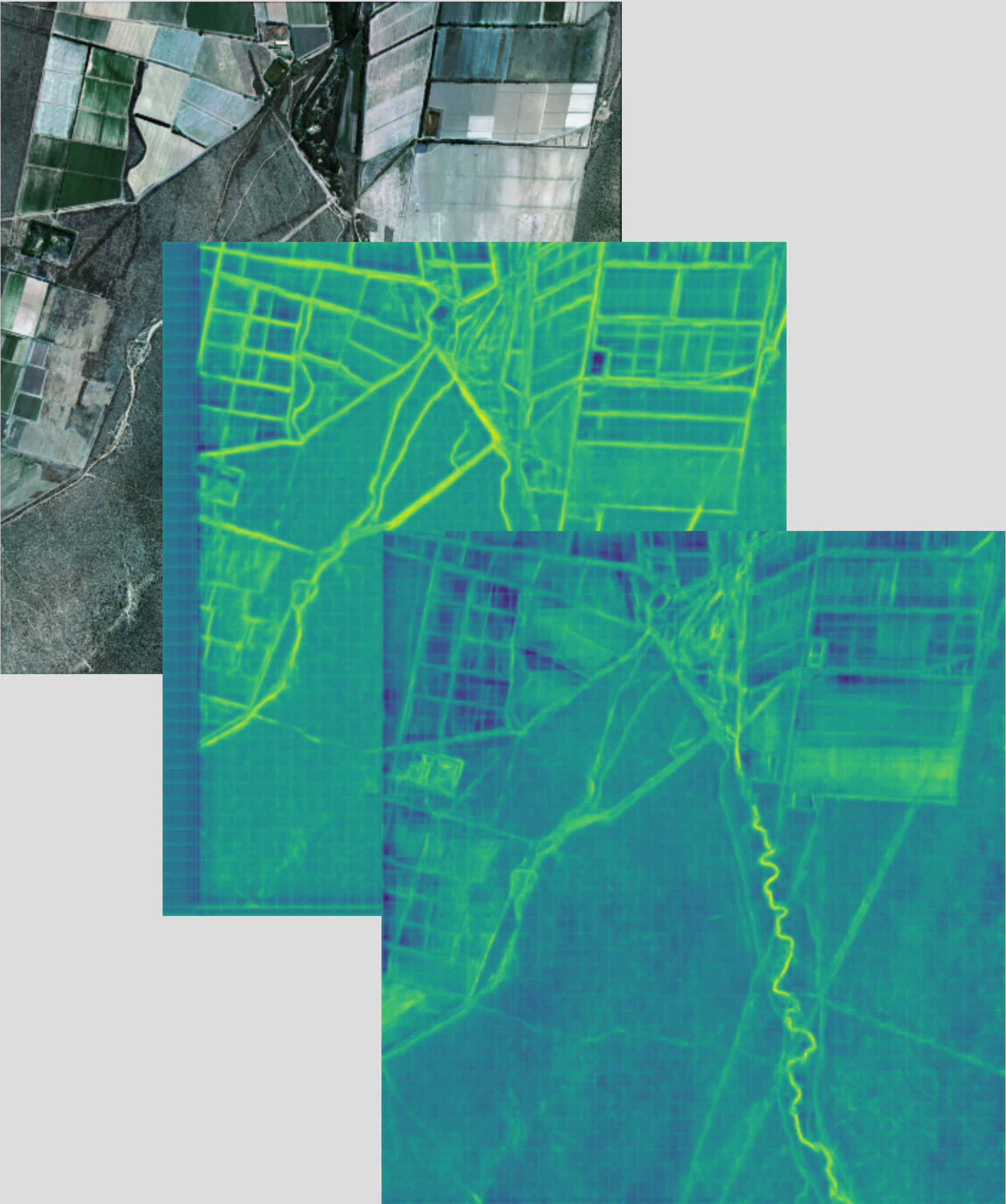
30 meter resolution hyperspectral to monitor land-use, climatic, environmental and human impact on the planet.

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PLANETARY SCALE DATA SCIENCE

	Solution Domain			
	Agro	**Infrastructure Monitoring**	**Economic Intelligence**	**Environmental Monitoring**
	Precision Ag, crop yield prediction, flood forecasting, soil similarity maps...	*Pipeline integrity management, infrastructure surveillance, construction detection, fiscal surveillance, illegal dumping, ...*	*Leading economic indicators, shipping activity, energy production, car exports, fresh water reserves, poverty estimation, insurance underwriting, event impact assessment, ...*	*Land use evolution, carbon and water cycles, natural and man-made changes, ecosystem dynamics*
Land Cover Classification	●		●	●
Object Detection			●	
Change Detection	●	●	●	●
Anomaly Detection		●		●
Spatio-Temporal Modeling	●	●	●	●
Knowledge Transfer	●		●	●

Data Science

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APPLICATIONS

Infrastructure
Roads and Bridges
Trains
Ports and Airports
Dams
Power Plants

Energy
O&G
Utility networks
Alternatives
Security, Planning
and Monitoring

Food security & sustainability
Agriculture
Aquaculture
Livestock
Food Security

Natural Resources
Deforestation
Pollution
Water quality
Climate change

Cartography Urban patterns
Autonomous
Vehicles
Cadastral and
Contextual
Information
Zero-day
Maps

Policy & Government
Border and
Maritime Security
Planning
Taxation
Disaster Response
National, Local,
City

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SUSTAINABLE DEVELOPMENT GOALS = GLOBAL VALUES FRAMEWORK
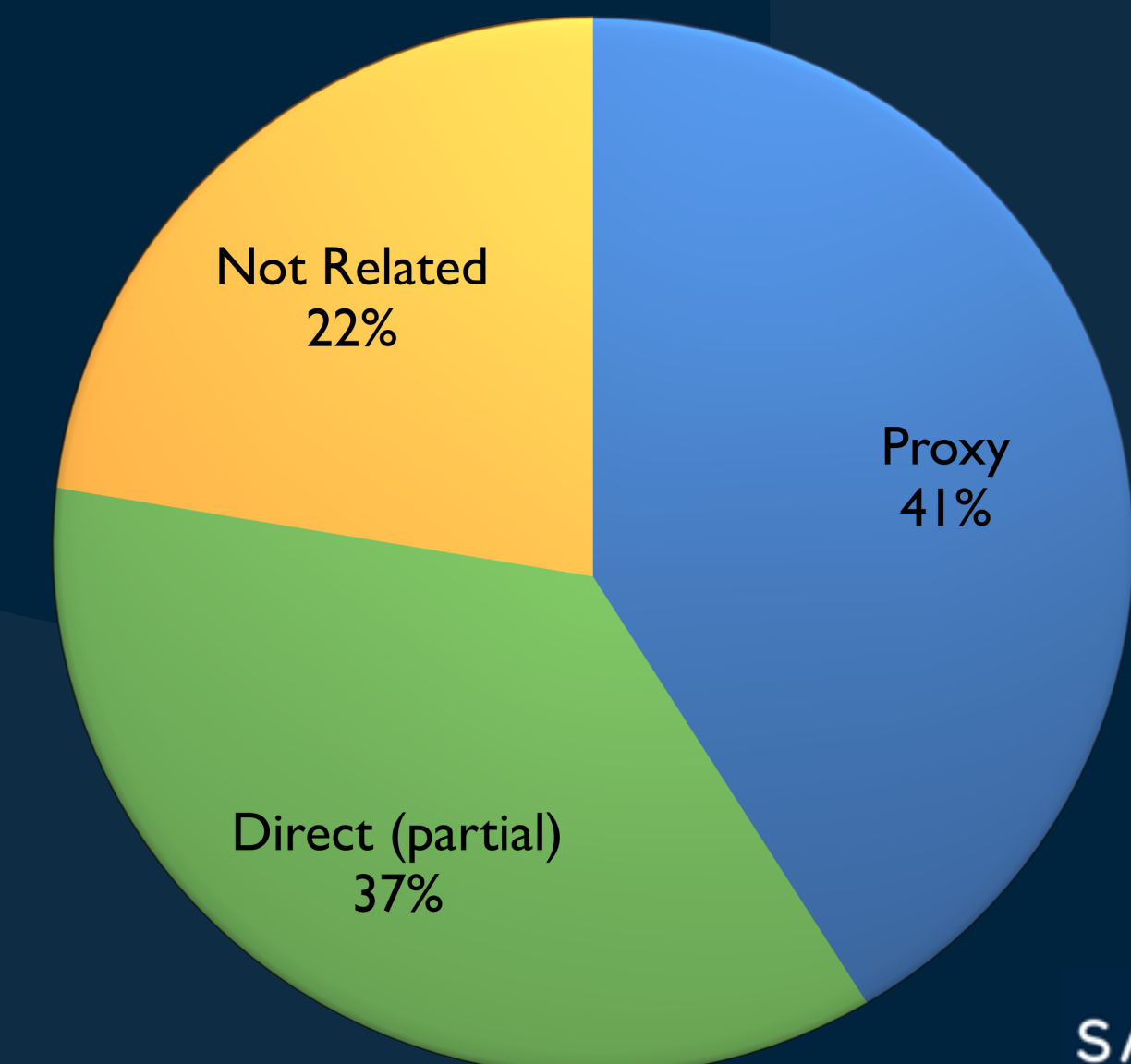
17 Goals (broad)
"1. No poverty"

169 Targets (concrete)
"2.3 By 2030, double the agricultural productivity and incomes of small-scale food producers ..."

232 Indicators (actionable, mid 2017)
"11.3.1 Ratio of land consumption rate to population growth rate"

SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS

Satellogic for SDGs

Not Related 22%

Proxy 41%

Direct (partial) 37%

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COVERAGE OF SDG TARGETS AND INDICATORS

Legend: Direct measure · Partial measure or proxy · Partial proxy · Unrelated

Categories (x-axis): No Poverty, Zero Hunger, Good Health and Wellbeing, Quality Education, Gender Equality, Clean Water and Sanitation, Affordable and Clean Energy, Decent Work and Economic Growth, Industry, Innovation and Infrastructure, Reduced Inequalities, Sustainable Cities and Communities, Responsible consumption and production, Climate Action, Life below water, Life on land, Peace, Justice and Strong institutions, Partnerships for the goals

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SPACE IS CLOSER THAN EVER

Live insights on a planetary-scale