



SARsatX

Reliable insights from SPACE
for better decisions on EARTH

Detecting oil spills help Gov. to issue fines on vessels worth ~\$2M/ fine

250km-long
oil spill

100,000 litres
of oil in the Red Sea

Jeddah

2023-05-19 19:45:07

2023-05-19 18:23:45

2023-05-19 16:55:21

2023-05-19 16:16:15

2023-05-19 15:46:23

Satellite imagery analytics is utilized to optimize irrigation that can save 80% of water wasted in irrigation that worth \$300m each year

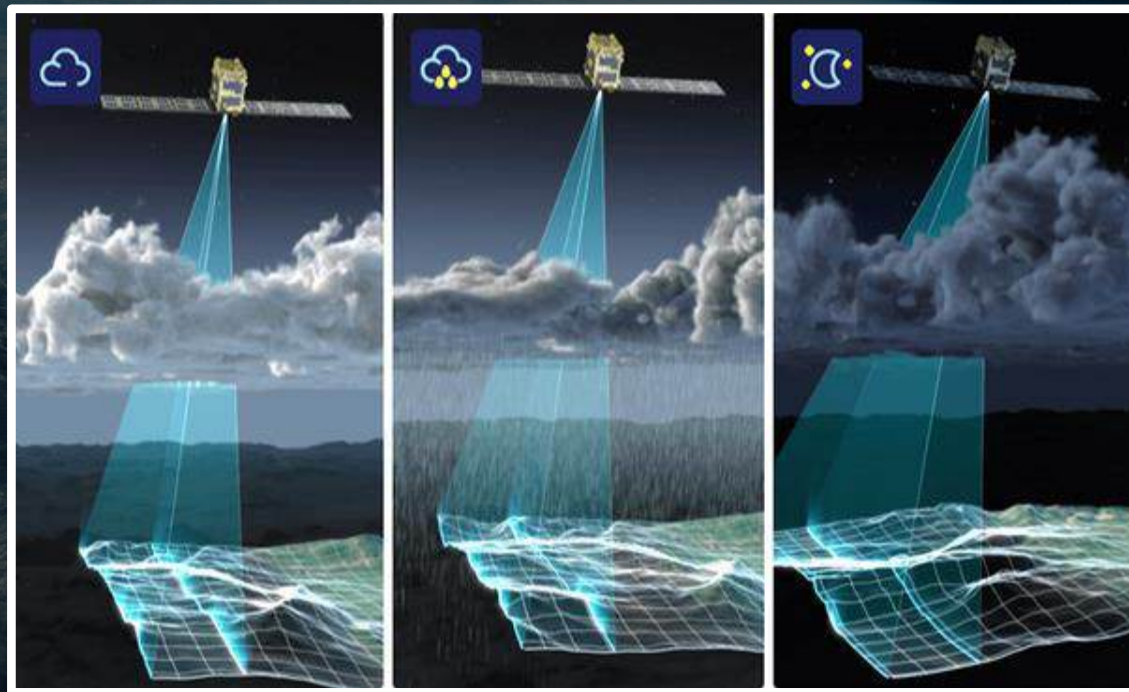
But Clouds & Night fall
make satellite imagery
unreliable ...



66% of data is lost

SYNTHETIC APERTURE RADAR (SAR) —

SAR provides
the ability for 24/7
monitoring



AGRICULTURE

The screenshot displays the EarthLife web application interface. The browser address bar shows the URL `earthlife.sarsatv.com.sa`. The user is logged in as `amru.alamoudi@sarsatarabia.com`. The interface includes a sidebar on the left with the following sections:

- Data:** Includes a "Load Water Use Data" button and a search bar for addresses.
- Task List:** A list of tasks with checkboxes:
 - task: ROI 5 analysis || clipped fields
 - ROI 5
 - task: Farm Fields ROI 2022 || clipped fields
 - Farm Fields ROI
- MEWA Base Layers:** A section for selecting base layers, including a "Year" selector currently set to 2022.
- ROI Aggregated Data:** A section with a "Draw a polygon to get its aggregated data" instruction.
- Field Boundary:** A checkbox to toggle field boundary visibility.
- Field Use:** A section with a color-coded legend for field use, ranging from 0.00 (yellow) to 1.00 (dark green).
- ET and NDVI:** Checkboxes for "Yearly ET", "Daily ET", and "NDVI".
- Optical:** A checked checkbox for "Optical" data.

The main map area shows a satellite view of the Middle East region, with a large orange-colored area indicating a specific data layer or ROI. A mouse cursor is visible over the map.

RED SEA
OIL SPILL

EarthLife
Powered by SARsatX

Input address or coordinates

Dashboard ^

Alerts v

Red Sea Alert
20.385824, 38.122559

Time of spill: 1:41 am
Time to shore: 23.5 hrs
Amount of oil: 1.2 million gal.
Temperature: 37.7 C
Wind Direction: SW
Wind Speed: 59.76 km/h

Report

Layers v

- Time to shore
- Affected area
- Flora
- Marine life
- Water flow
- Voyage timeline

Welcome Mohamed ^

BW LARISSA
Code: 7376472
Crude Oil Tanker

SA YBI 09/08/23
TZ DAR 09/17/23

ATD: 04:32 ETA: 12:00

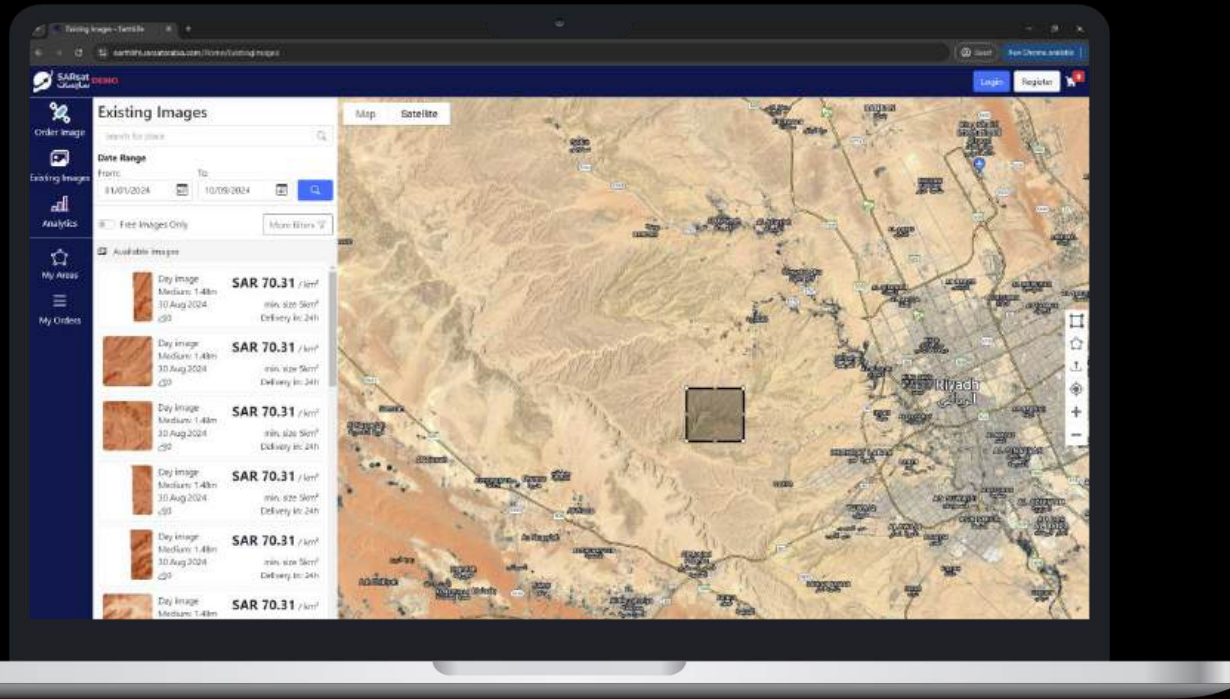
Speed/Course: 11.9kn / 161
Draught: 12.7m

-24 hrs 0 hrs 24 hrs

RED SEA
OIL SPILL



Business Model

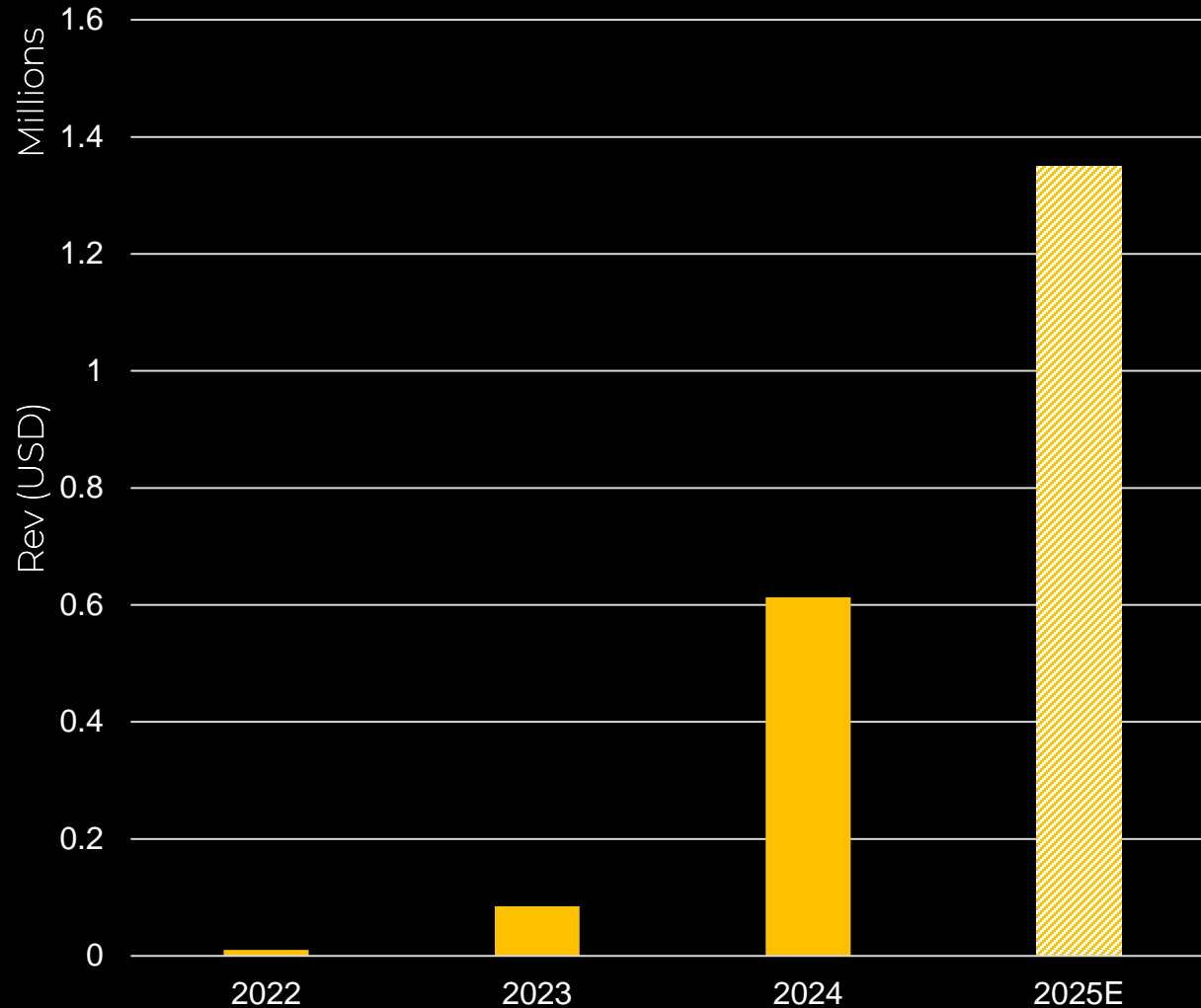


\$35/ km sq.

EarthLife

The global platform for decision making based on the natural and man-made environments of Earth

Traction



TONOMUS.
NEOM

DIGANTARA

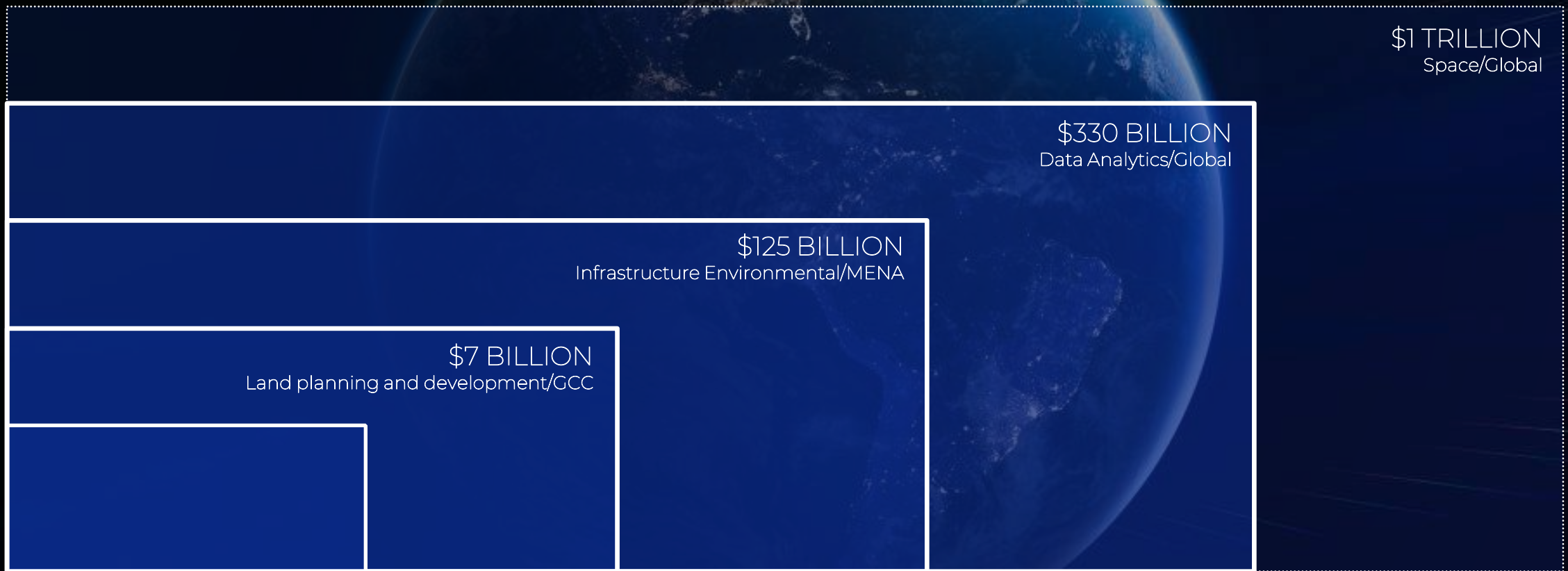
SAMI
ADVANCED
ELECTRONICS
شركة الإلكترونيات المتقدمة

ZAIN
DRONE

المركز الوطني
للمراقبة على الالتزام البيئي
National Center for Environmental Compliance
المملكة العربية السعودية



Our market expands as we serve additional use cases



0-6 MONTHS
Topography Map

6-12 MONTHS
Static Insights

12-24 MONTHS
Continuous Monitoring

24+ MONTHS
Predictive Monitoring

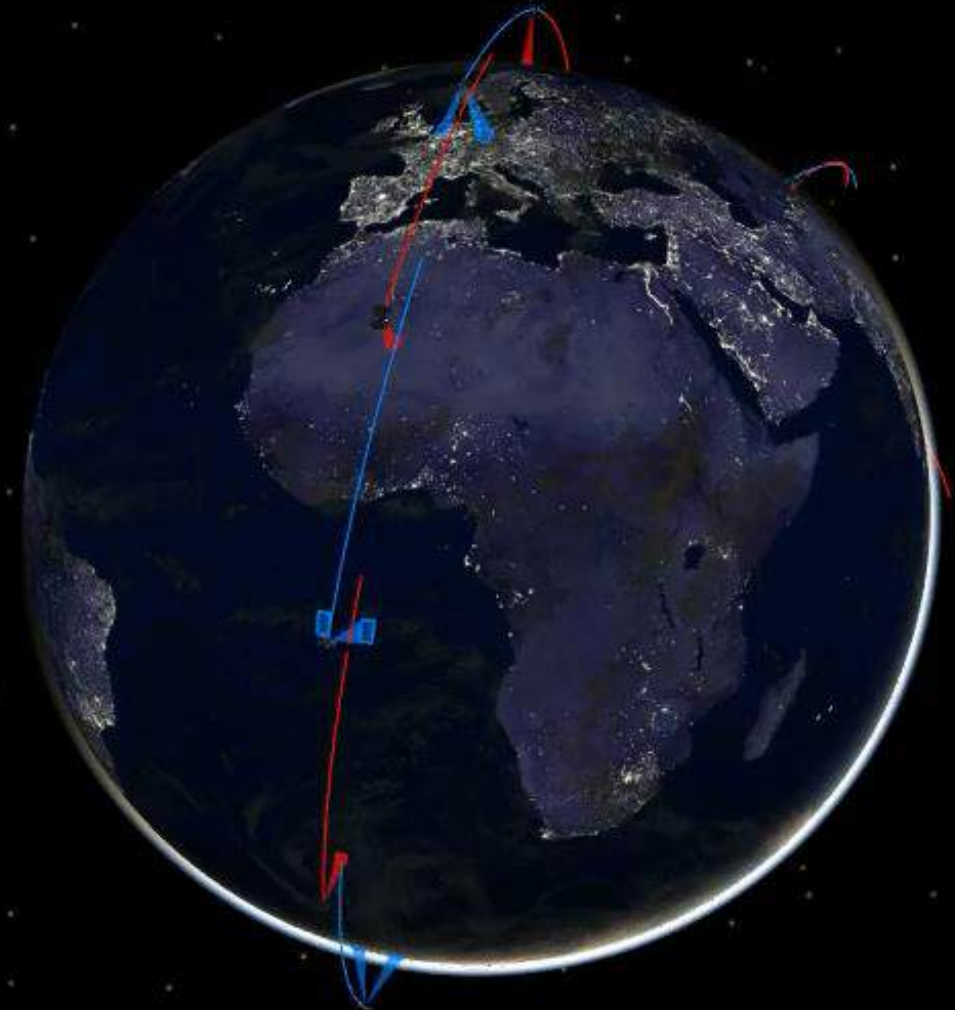
2030 BEYOND EARTH
OBSERVATION

Going Beyond

ArabiaEye

A formation of small satellites that will fuse SAR and optical data to provide reliable insights from space.

- 1st commercial EO satellites launched in MENA
- 1-hour revisits to MENA, 4-hour revisits for anywhere in the world
- Optical + SAR
- Owned and operated from KSA



The EO market is now recognizing the unique capabilities of SAR



No SAR currently
optimized
for the MENA
region

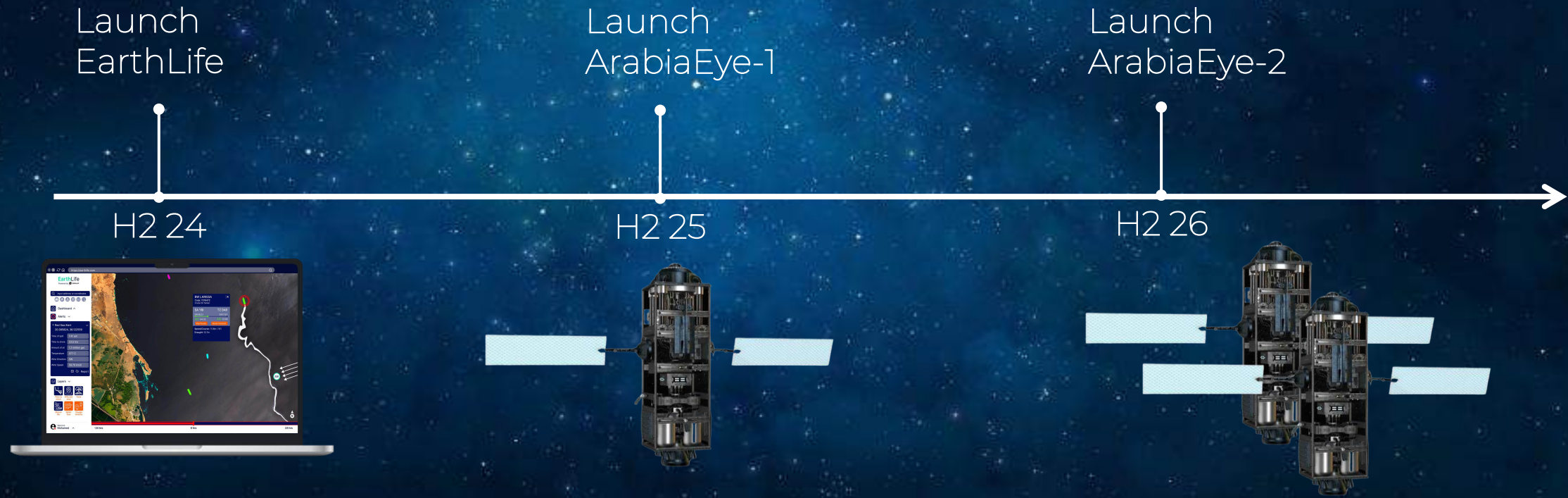


SARsatX Differentiators



Imagery Type	SAR	Optical	Optical	SAR + Optical
Resolution	3 m	3 m	3m	3m
Revisits over MENA	8 Hrs.	48 Hrs.	24 Hrs.	1 Hrs.
Analytics	✗	✗	✗	✓

Road Map



Grant & Investments

\$1.9M

Pre-Seed

البرنامج الوطني
لتنمية تقنية المعلومات
National Technology
Development Program



FLAT6LABS

TONOMUS.
NEOM

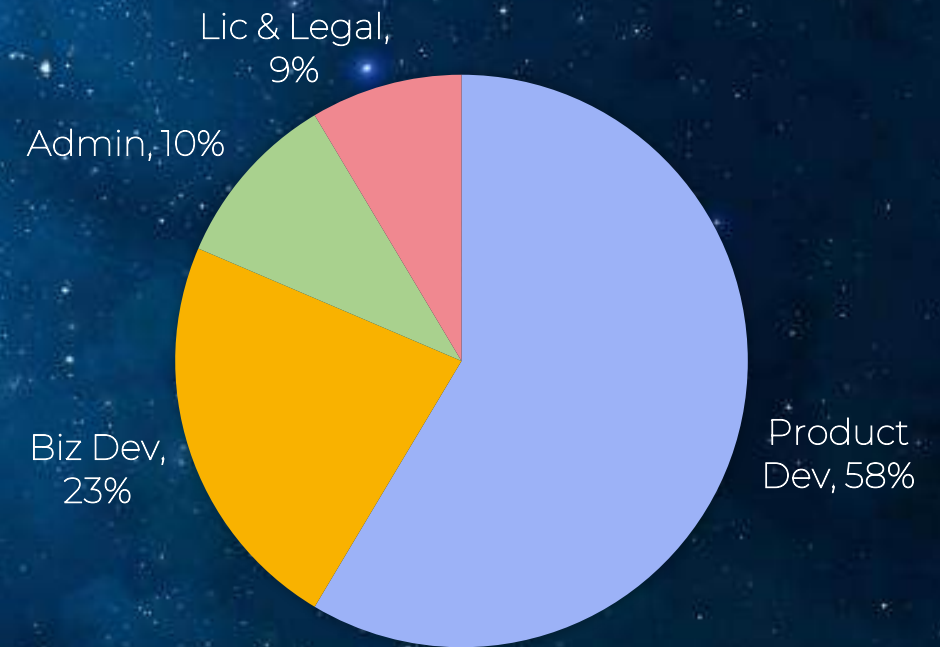
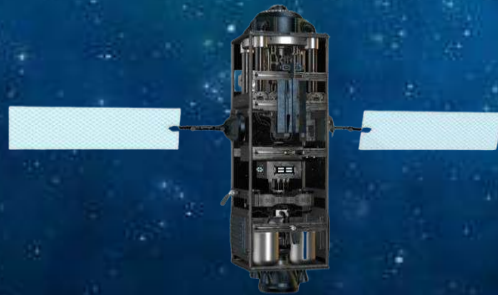
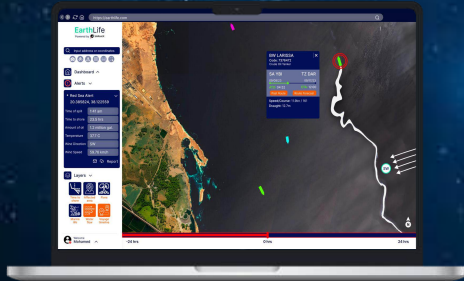


SERAPHIM

We're raising \$2.6M

Launch
EarthLife

Launch
ArabiaEye-1



100+ years

of experience in the Space and Satellite Imagery Business



Ahmed Alzubairi
Chief Executive
Founder



Amru Alamoudi
Chief of Strategy
Founder



Muhannad Almutiry
Chief of Business
Founder



Michael Inggs
Chief of Technology
Founder



Matthew McCabe
Chief of Solutions
Founder



BOEING



DRAGONFLY
aerospace



جامعة الملك عبدالله
للعلوم والتقنية
King Abdullah University of
Science and Technology



**NORTHROP
GRUMMAN**

DRAPER

TM



SARsatX

Reliable insights from SPACE
for better decisions on EARTH



وزارة الاتصالات
وتقنية المعلومات
MINISTRY OF COMMUNICATIONS
AND INFORMATION TECHNOLOGY



هيئة الاتصالات والفضاء والتقنية
Communications, Space &
Technology Commission

البرنامج الوطني
لتنمية تقنية المعلومات
National Technology
Development Program



KAUST

TAQADAM
Startup Accelerator

