

Space-based AIS, The Game Changer

- * Tells you where the Good Guys are*
- * Makes Space-based MDA Viable*

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The background of the slide features a grayscale image of a satellite in orbit, positioned over a world map. The map is overlaid with a pattern of binary code (0s and 1s).

Automatic Identification System (AIS)

originally created as
Collision Avoidance &
Traffic Control System

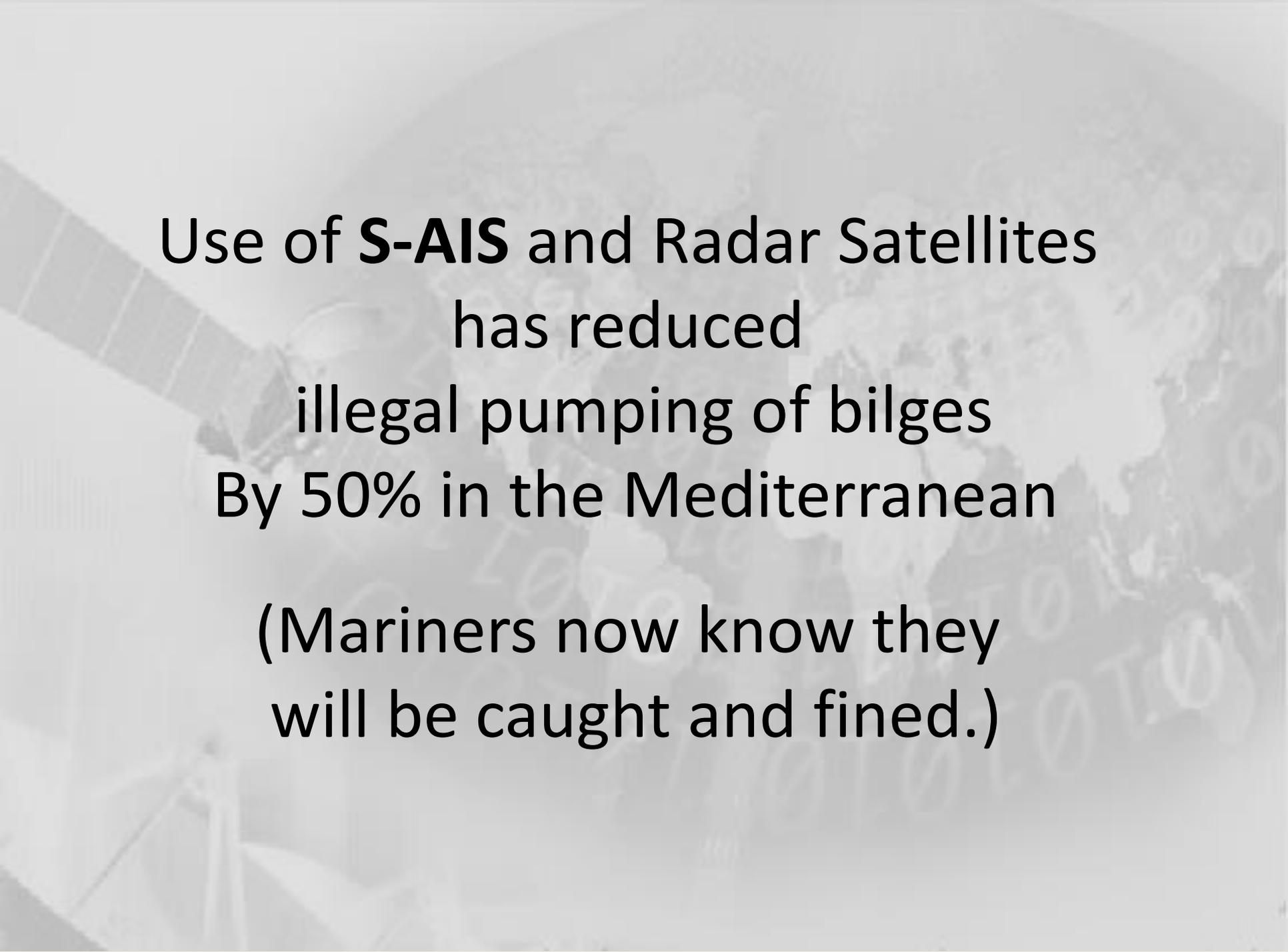
S-AIS

Created to provide Maritime Security
... its use has expanded far beyond.

- Environmental Protection
 - Maritime Resource Protection
 - Safety
 - Commodities Trading
 - Route Planning

S-AIS is now paired with space-based Imaging

- Radar
 - Day/Night,
 - Good/Bad Weather
- Optical
 - High Definition



Use of **S-AIS** and Radar Satellites
has reduced
illegal pumping of bilges
By 50% in the Mediterranean

(Mariners now know they
will be caught and fined.)

Press Release

June 10, 2014

HAMBURG, Germany---

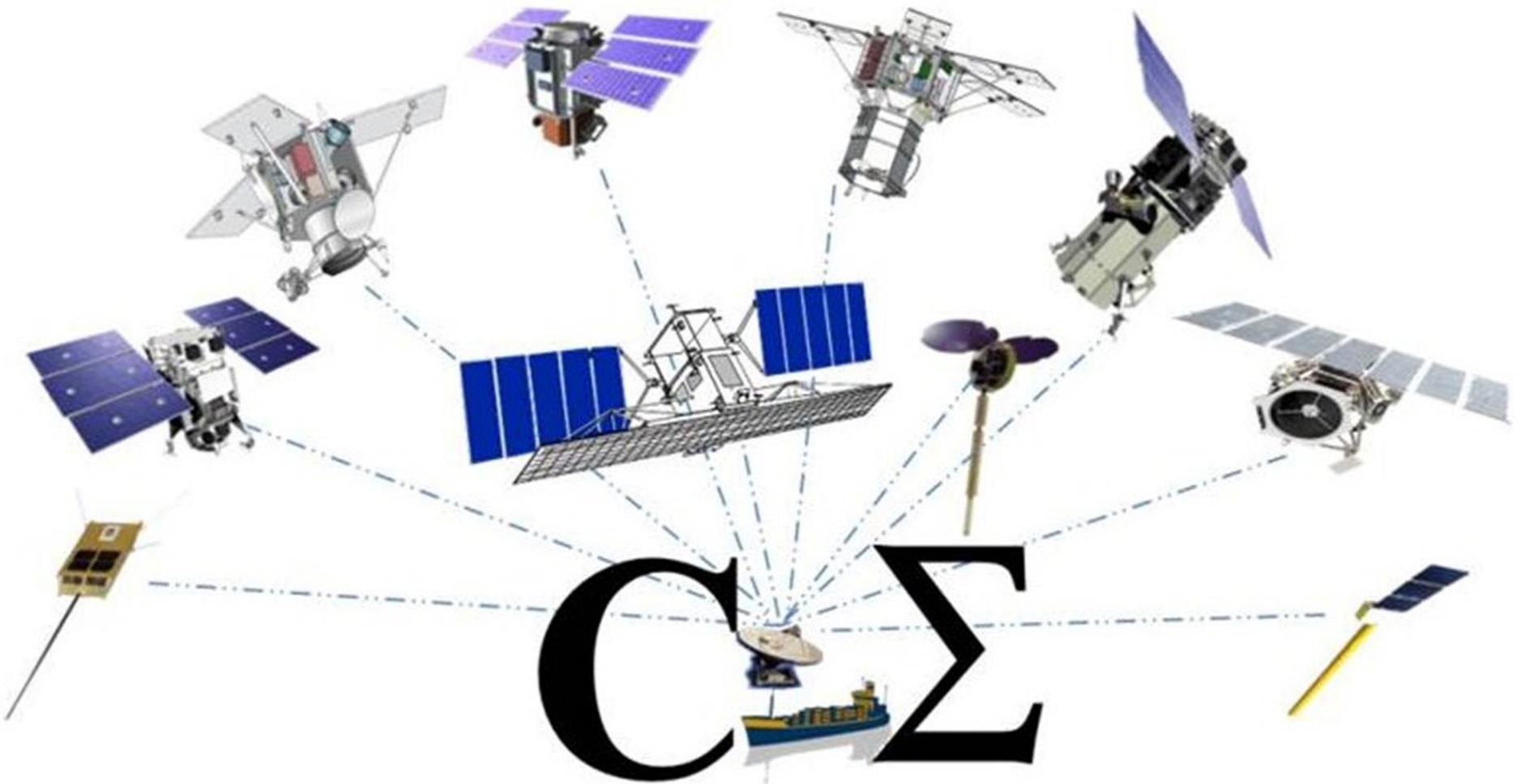
...., the leading global provider of energy information for commodity and energy markets, ... announced the addition of 436 new AIS antennas to (its) terrestrial network,

As a result, can tie-in fundamental energy and supply chain intelligence with AIS data, collecting real-time information on ship location, speed, and direction to provide unique supply-chain intelligence....

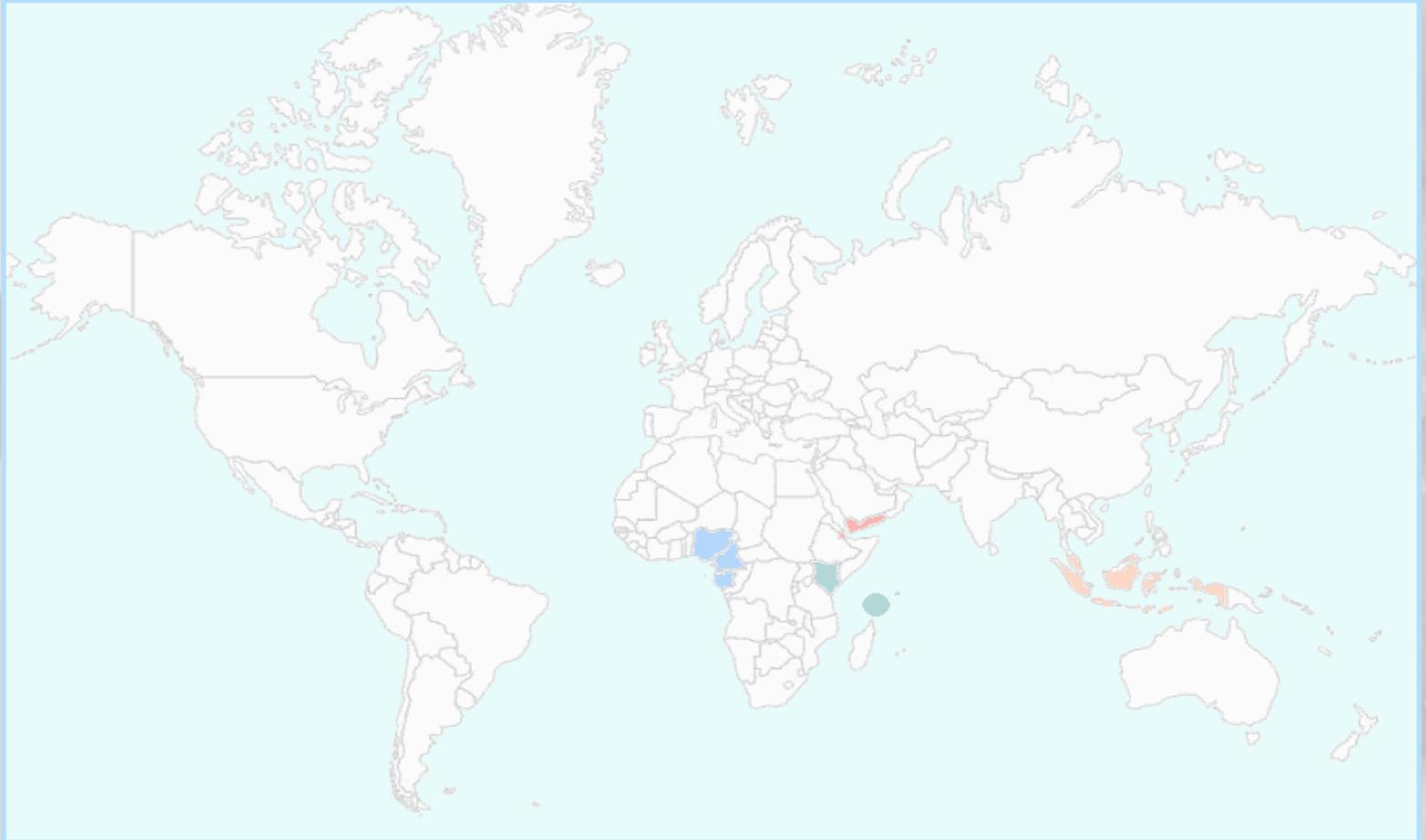


Huge Opportunity For Global Good

International Collaboration is Key



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