KENYA EQUATORIAL SPACEPORT DEVELOPMENT

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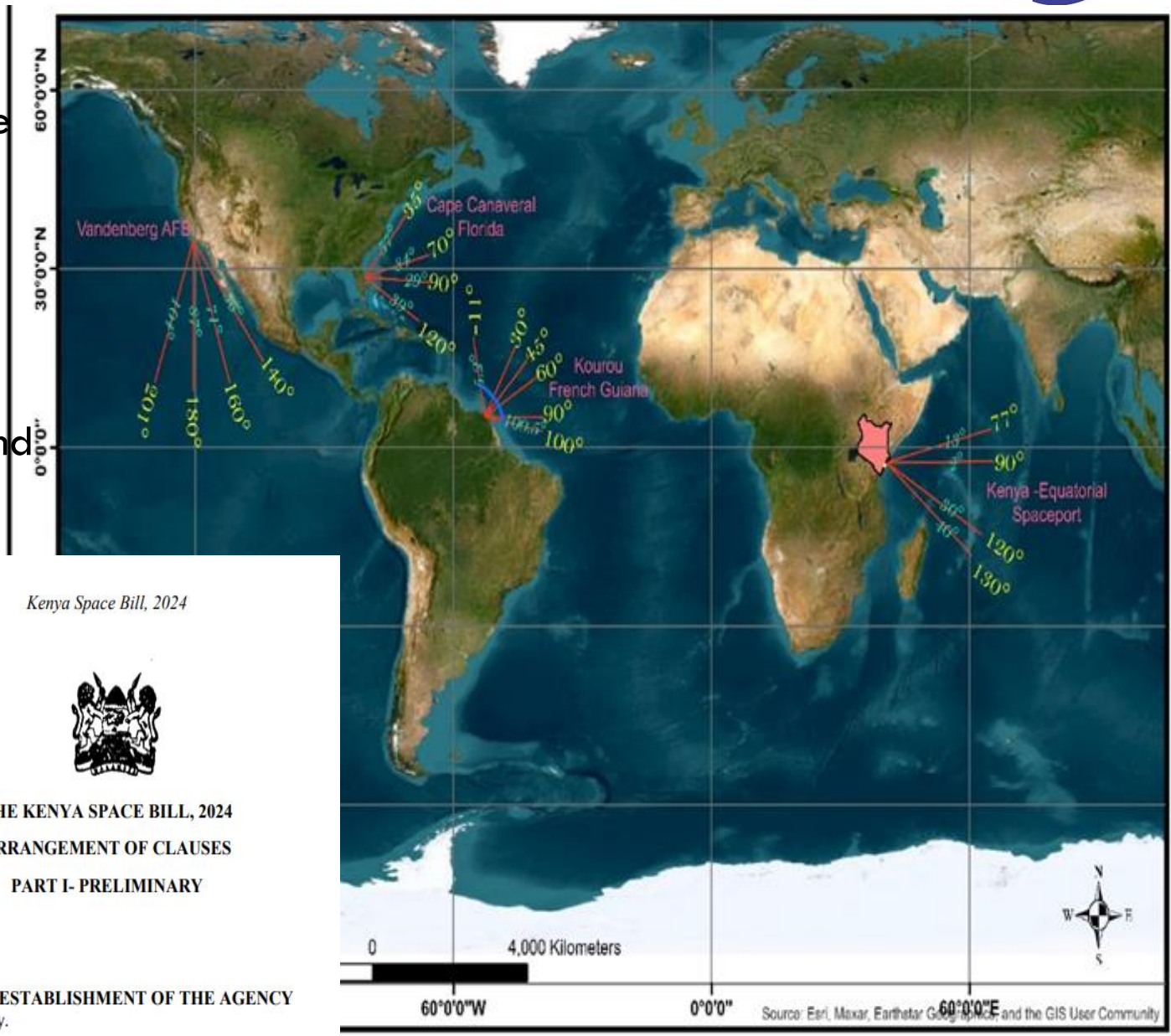
GLOBAL SPACEPORT ORBITAL MARKETS

Why Kenya?

- ❑ Less Costly-Fuel Plane Change Maneuvers
- ❑ Proximity to the Equator/Geographical Advantage
- ❑ Historical Launch Experience _San Marco Project
- ❑ 10-15% Payload Capacity Advantage over Cape Canaveral and high-latitude launch sites
- ❑ Versatility in orbital markets from LEO-GEO for commercial, Scientific and Military missions.
- ❑ Stable region with robust transport infrastructure and progressive space policies, Kenya Space Bill 2024



Kenya Space Bill, 2024

THE KENYA SPACE BILL, 2024

ARRANGEMENT OF CLAUSES

PART I- PRELIMINARY

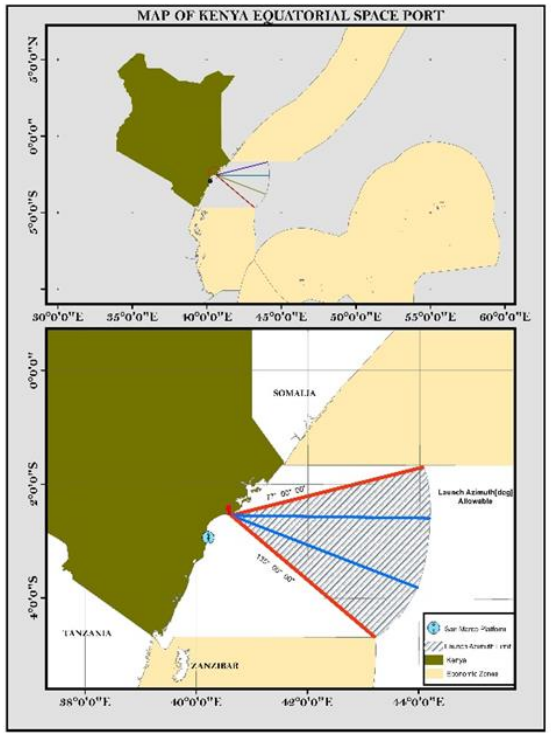
1 – Short title.
2 – Interpretation.
3 – Objects of the Act.
4 – Application of the Act

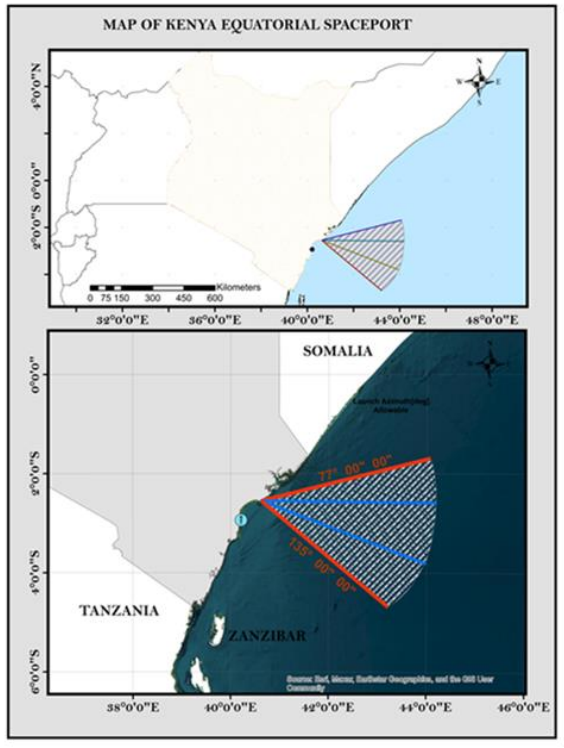
PART II - ESTABLISHMENT OF THE AGENCY

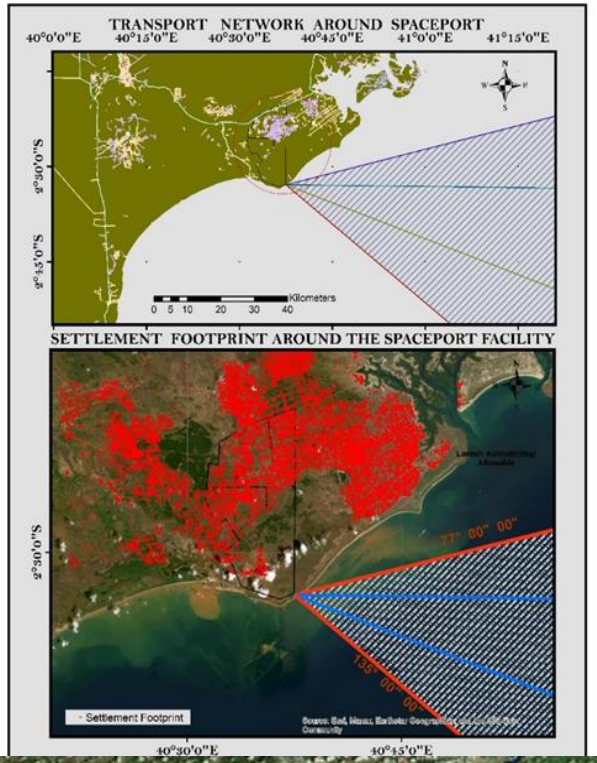
5 – Establishment of the Agency.
6 – Functions of the Agency

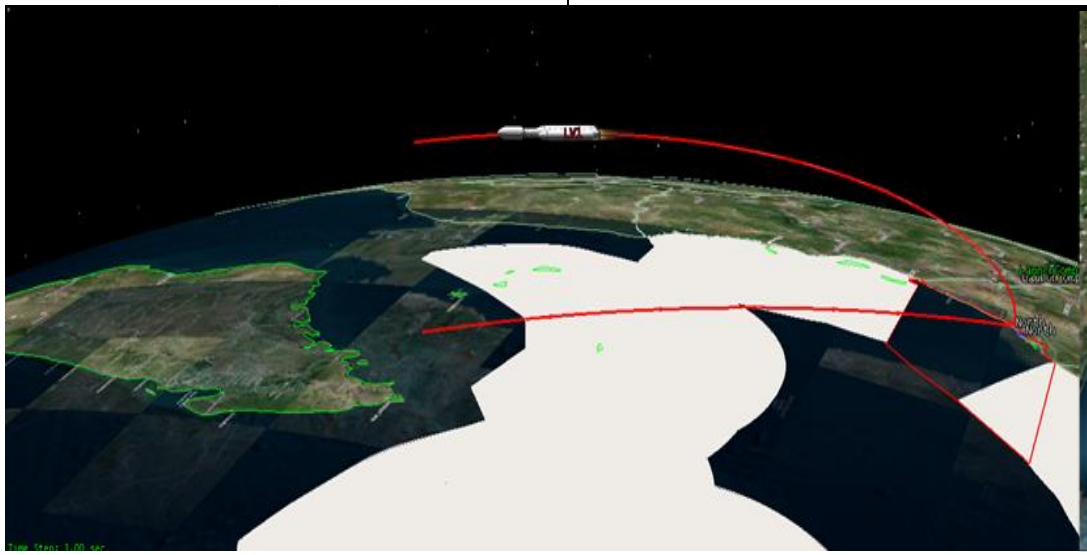
LAUNCH TRAJECTORY & SAFETY MODEL

- **The downrange safety model** for this Spaceport ensures that the Launcher Overflies within a narrow flight corridor in Kenya's **Exclusive Economic Zone (EEZ)**, which extends 200 nautical miles (370 km) as stated in the **1982 UN Law of the Sea**.
- The Model ensures that Kenya is held accountable for any damage caused by launch failures as stated in **1972 UN Liability Convention.**
- The model accounts for **primary and secondary ocean impact zones** for different phases of the rocket's ascent, ensuring that even in the event of a catastrophic failure, the debris will not endanger lives or infrastructure.
- **Chicago Convention (1944) -** Rocket launches coordination with civil aviation authorities for airspace overflight.

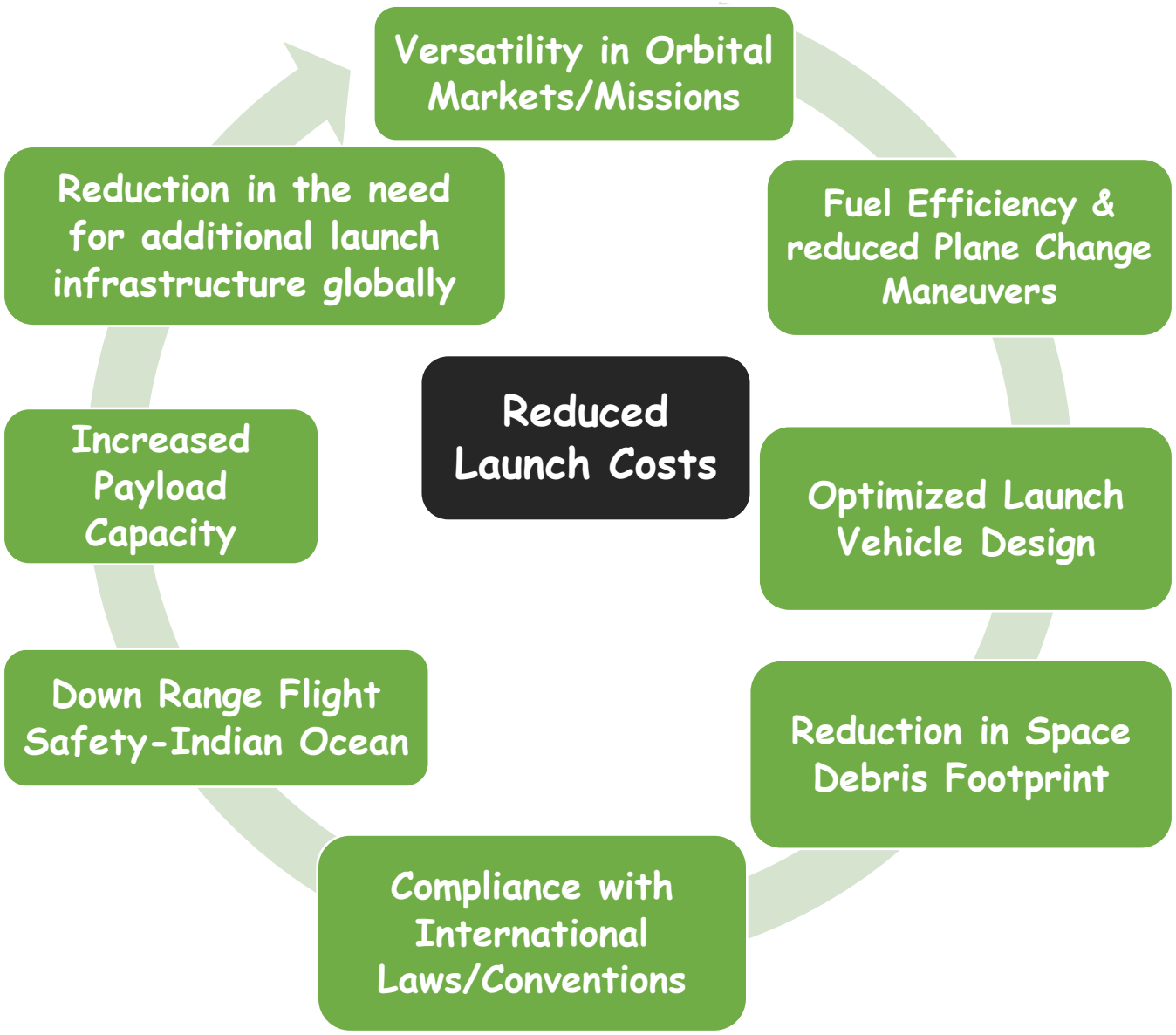








SUSTAINABILITY ASPECTS OF PROPOSED SPACEPORT



Environmental Impact Reduction- Ocean Impact Zones, Launch Trajectory Optimization, Green Propellants

Sustainable Infrastructure Development-Solar energy, water recycling systems ,eco-friendly materials

Local community-driven development

Implementation of a carbon offset program -Local reforestation projects and clean energy initiatives to neutralize the carbon emissions generated from launch activities

SPACEPORT DEVELOPMENT PARTNERSHIP

So, What Kind of Partners are we looking for?

Financial and Investment Partners

Aerospace Technology & Infrastructure Development Partners

Legal and Regulatory Partners

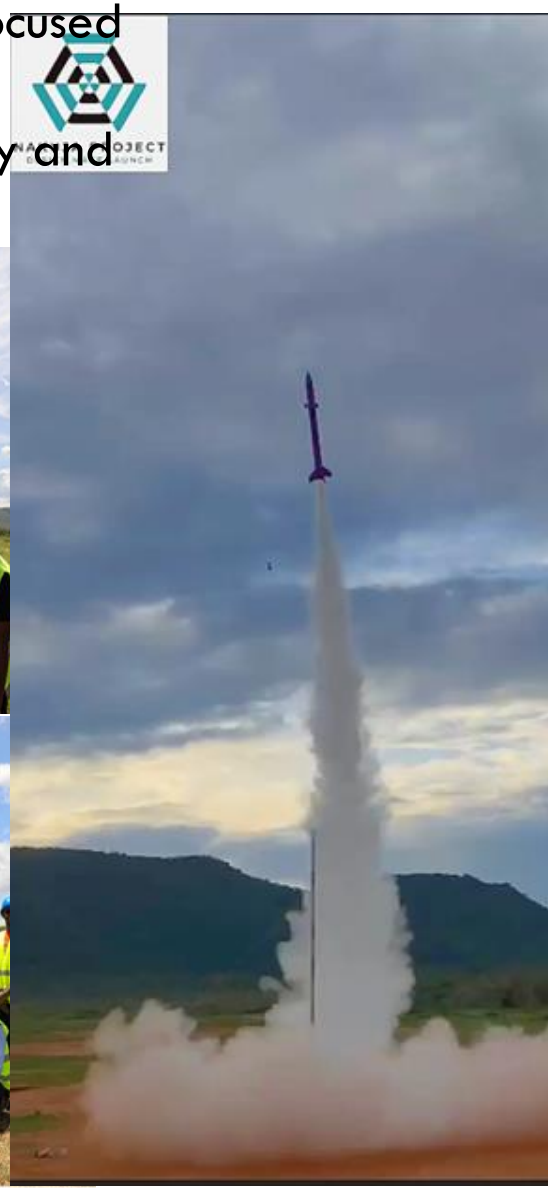
Educational and Capacity-Building Partners

Visionaries who see the value in leveraging our strategic position, tech innovators ready to pioneer sustainable space launch solutions, and investors eager to capitalize on a market that's as green as our savannahs.

HISTORY OF ROCKET LAUNCHES IN KENYA

- The **San Marco Project** was an Italian space program that began in the early 1960s in collaboration with NASA. **San Marco 1** was launched on **December 15, 1964,** using a Scout rocket provided by NASA.
- Sea launch platform Coordinates _2.938° S latitude and 40.211° E longitude
- The San Marco Project conducted a total of **27 launches** between 1964 and 1988.

Nakuja Rocket Project is a pioneering aerospace initiative in Kenya focused on advancing the country's capabilities in rocket technology and space exploration.




Join us at the Kenyan Equatorial Spaceport—where the future is bright, and the payloads are lighter!
Thank you