



**We help
Earth benefit
from space**

Kiruna Innovation Forum

The importance of a strong driving force and a clear goal

SSC – a motor for regional/national innovation within space and a strategic asset for Europe

Stefan Gardefjord

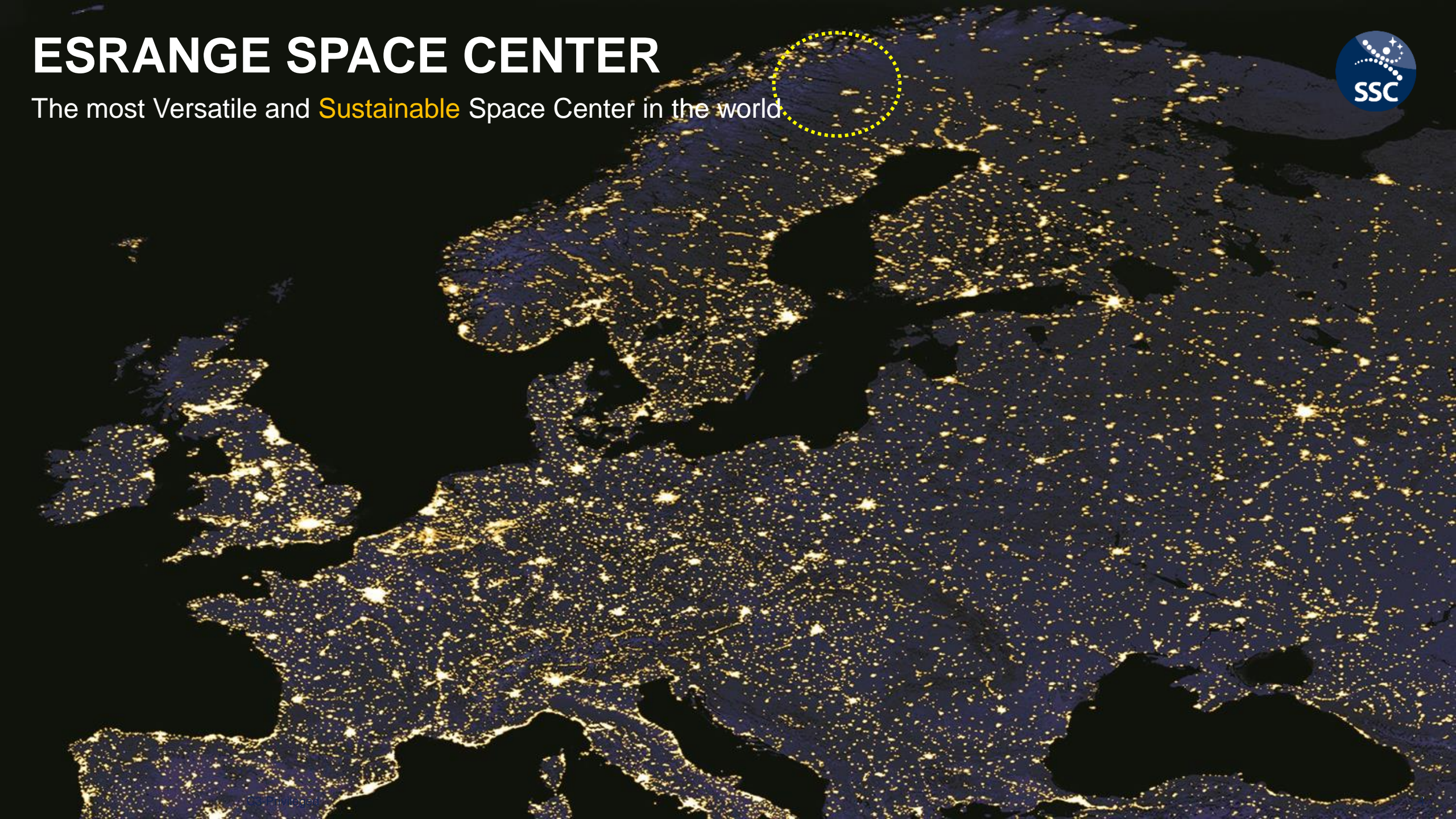
20 September 2023





ESRANGE SPACE CENTER

The most Versatile and Sustainable Space Center in the world





VERTICAL TEST STANDS

ROCKET ENGINE AND STAGE TESTING



SPACEPORT ESRANGE

LAUNCG COMPLEX 3



ESRANGE SPACE CENTER

The most Versatile and **Sustainable** Space Center in the world

Current services

Coming services



Suborbital Rocket Launches

Aurora and Atmospheric Science



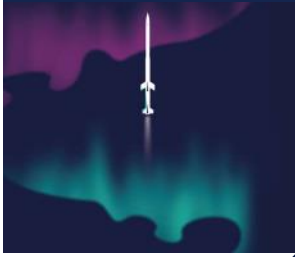
Microgravity and Atmospheric Reentry



Student Missions



Rideshare Missions Suborbital Express



Stratospheric Balloon Launches

Cirumpolar Balloon Flights



Drop Tests



Student Missions



Mobile Ballooning



Test Services

Vertical Stage Teststands



Reusability Tests



Planetary Landers



Testbed Esrangle

Ground Network Services

SSC Global Antenna Network



Space Domain Awareness



Orbital Satellite Launches

Spaceport Services



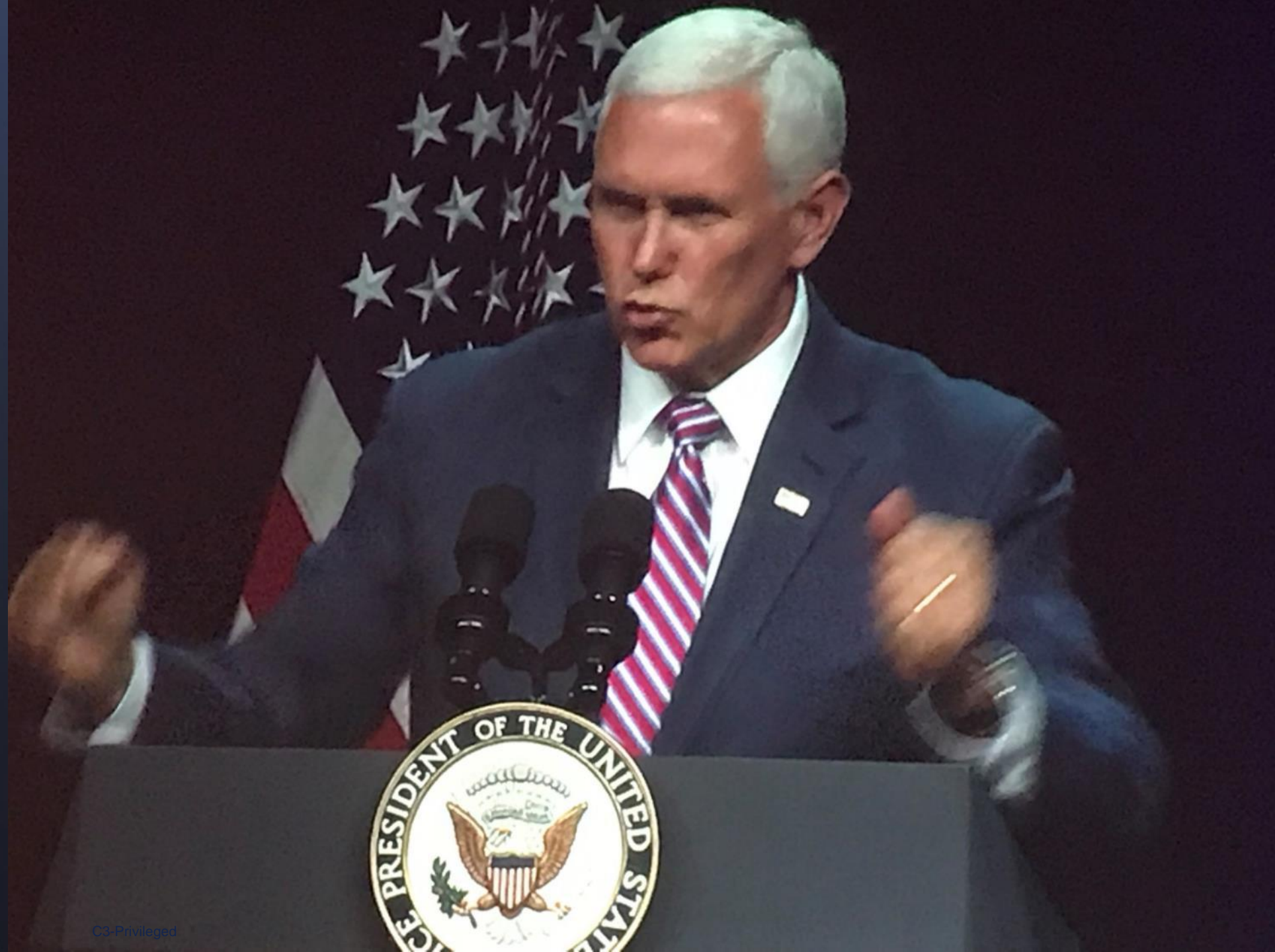
Satellite Launch Service Provider

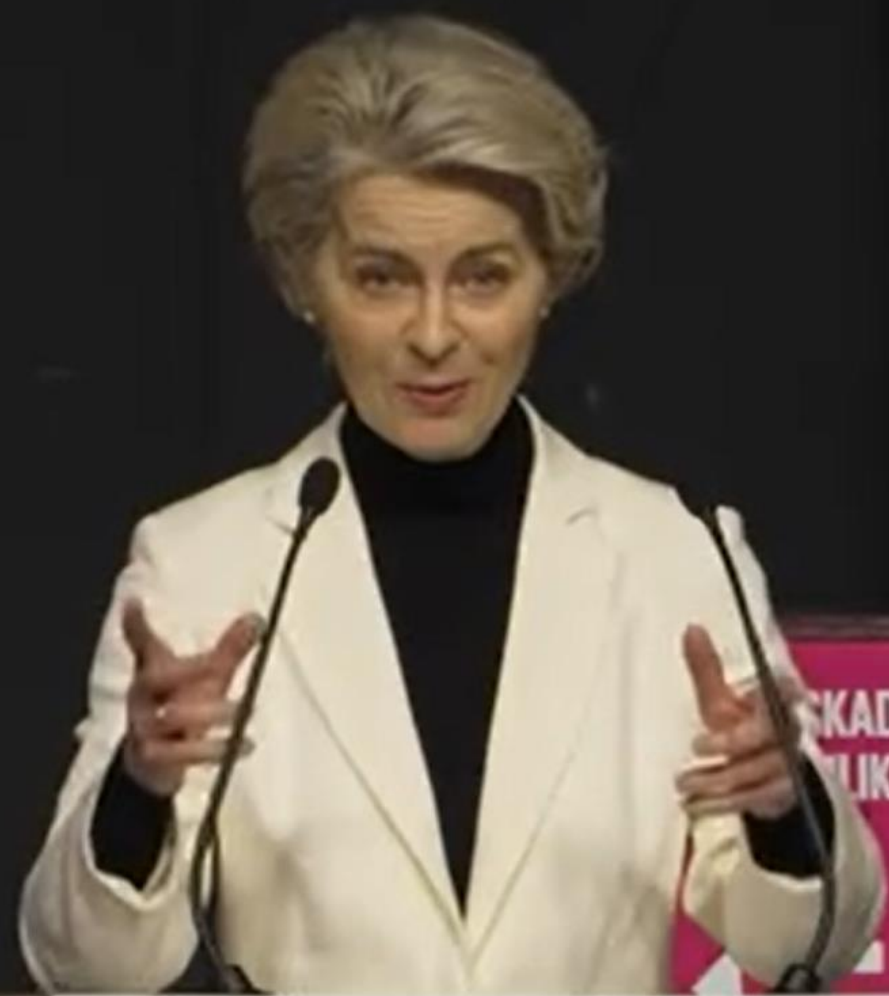


Spaceport Esrangle



Inauguration Spaceport Espace
A manifestation of Espace and European Space Capability





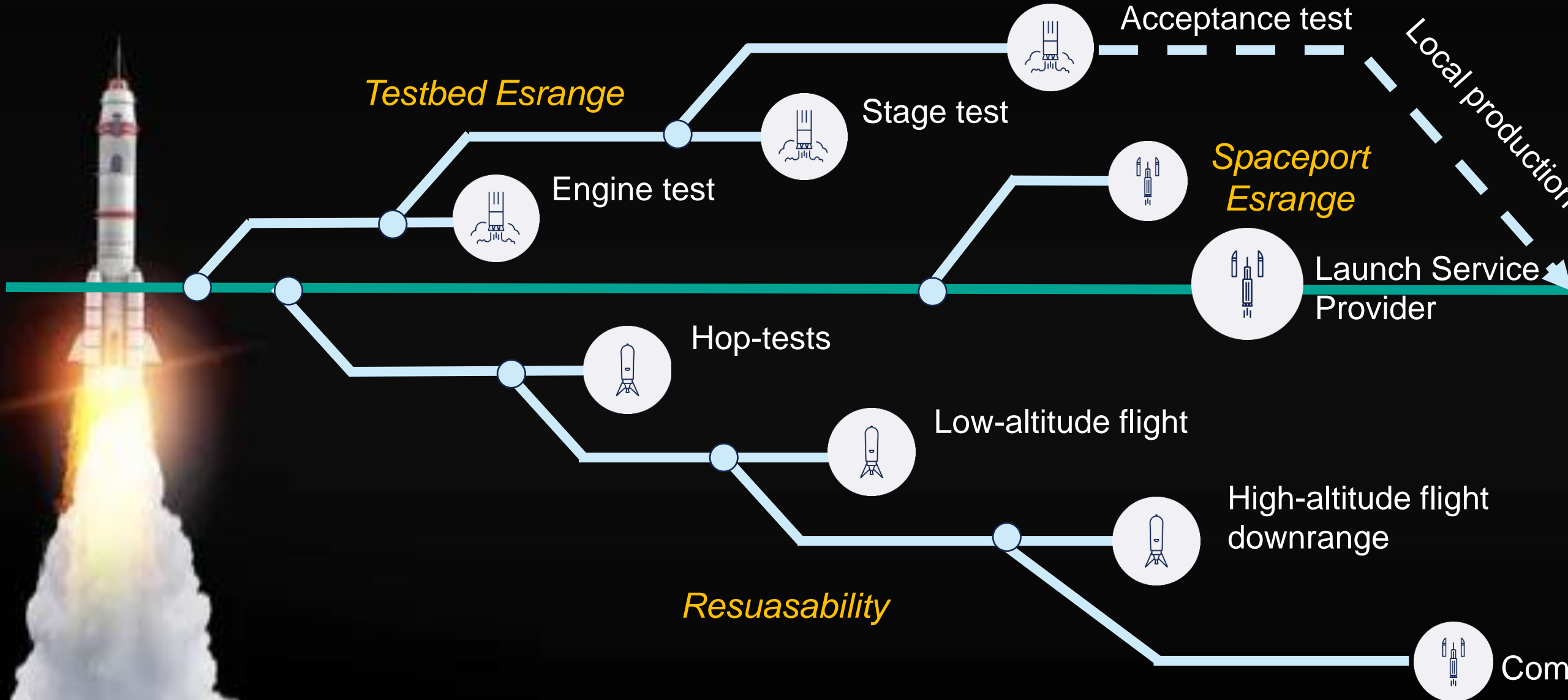
SKAD
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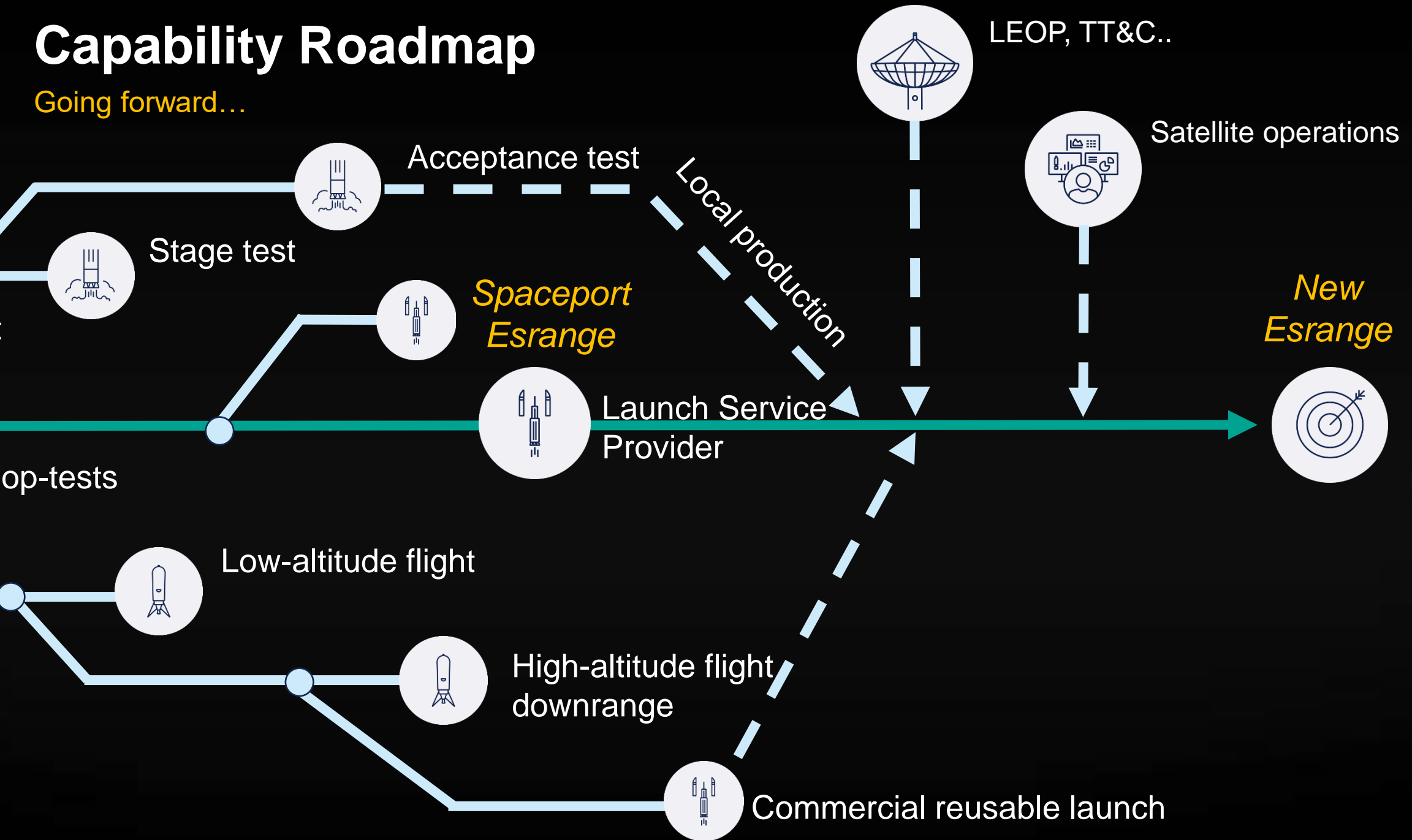
Capability Roadmap

So far...



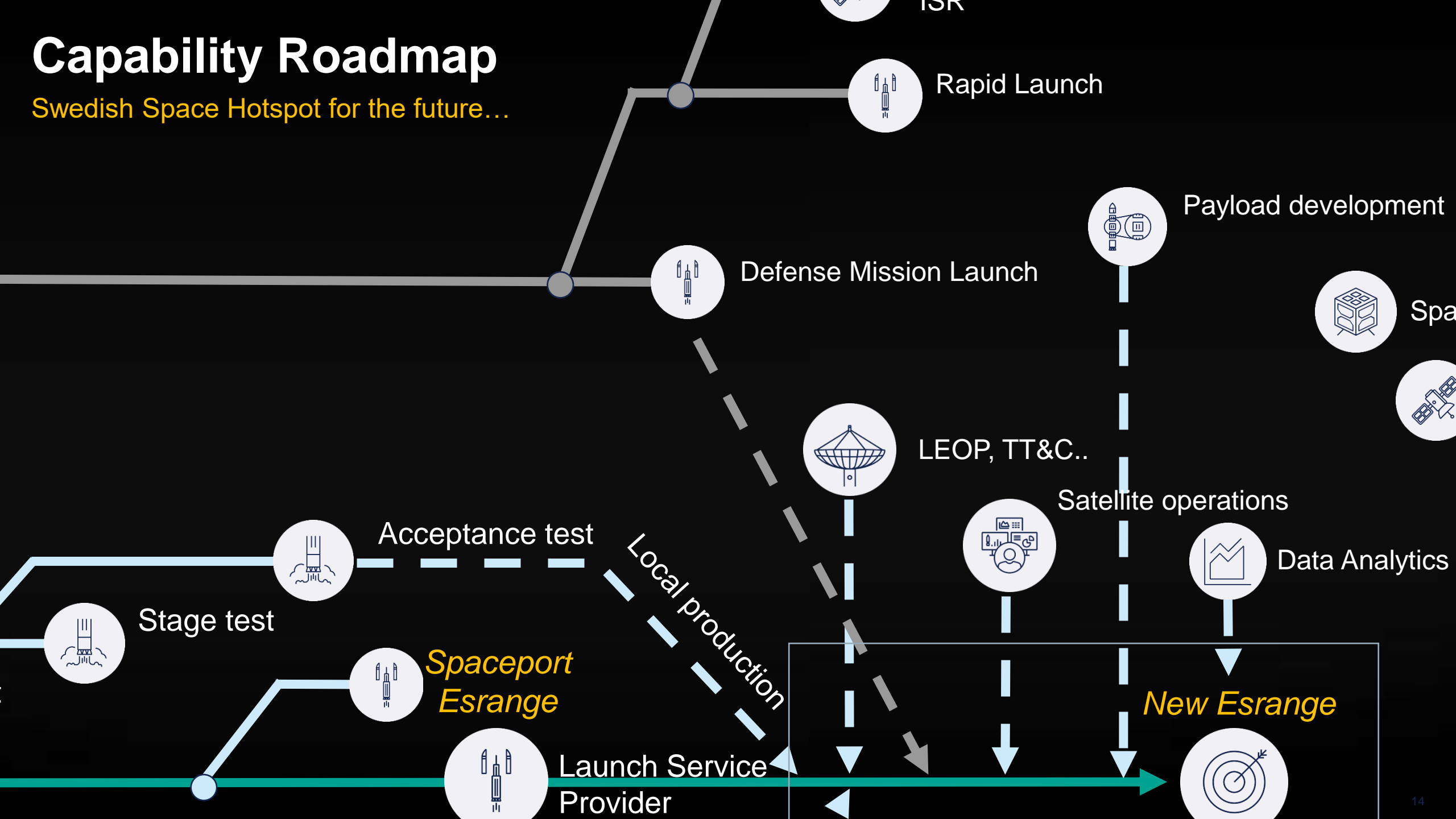
Capability Roadmap

Going forward...



Capability Roadmap

Swedish Space Hotspot for the future...



Local Suppliers



National Partners



Global Clients & Partners



A large, semi-transparent image of an astronaut in a space suit floating in space, positioned in the upper half of the frame. The astronaut is oriented horizontally, with their head to the right and feet to the left. The background is a dark blue gradient.

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www.sscspace.com