



UNOOSA Webinar:

"International cooperation to grow sustainable and responsible space activities"

24 August 2020, 15.00 CEST

Kai-Uwe Schrogl

The German EU Council
Presidency Initiative:

"Establishing key principles for
the global space economy"

Background

The initiative responds to the **increasing importance of space infrastructures, services and products as an export good** for the space sector (Large System Integrators, SMEs, Service Providers, Start-Ups) creating growth and jobs globally.

The initiative takes into account, for Europe, the **Industrial Strategy** currently prepared by EC, reflects the **Green Deal** approach and responds to the need for recovering from the **COVID-19** crisis.

The initiative shall foster the global space economy with **rules-based global competition in a level-playing field**.

Space Fuels the Global Economy

\$366B

Size of space economy

Benefits: Space enables global industries, new tech, science, health and safety, international telework, distance learning

Action: Sustained investment in space

Source: Satellite Industry Indicators Report, 2020, Prepared by Bryce Space and Technology for the Satellite Industry Association

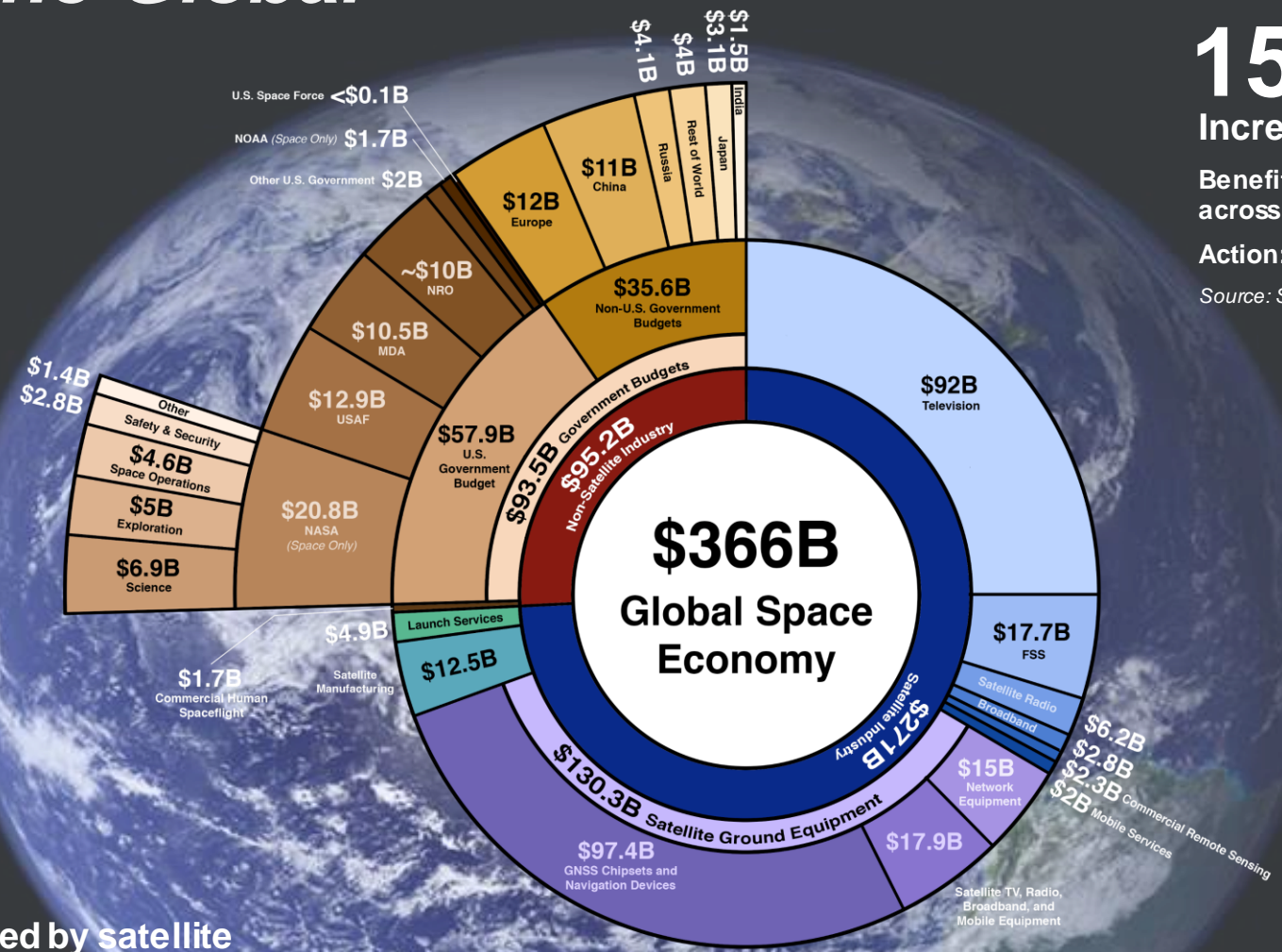
5B+

Mobile phones with GPS enabled by satellite

Benefits: Mapping, traffic routing, tracking, logistics

Action: Ensure interoperable, redundant space GPS

Source: GNSS Market Report Issue 6, 2019, European Global navigation Satellite Systems Agency



15x

Increase in space startups since 2010

Benefits: Drive innovative products and services across the global economy

Action: Ensure new systems operate sustainably

Source: Start-Up Space, 2020, Bryce Space and Technology

30x

10-year increase in number of imagery satellites

Benefits: Supports analytics in agriculture, finance, energy, many others

Action: Ensure systems are used responsibly

Source: Satellite Industry Indicators Report, 2020, Prepared by Bryce Space and Technology for the Satellite Industry Association

\$10T+

Industries that leverage satellites

Benefits: Powerful capabilities for telecom, internet, finance, many others

Action: Protect unique space environment

Source: Economic Impacts of Critical Capabilities, 2019, Prepared by Bryce Space and Technology for the U.S. Department of Commerce

Substance of the initiative „Establishing key principles for the global space economy“

Topics addressed:

1. Rules for the global space economy
2. Joint approach on Space Traffic Management
3. Financing space activities (including UNIDROIT)
4. Intellectual property rights (IPR), standardization and cyber security and cyber resilience

Joint understanding on the issues with respect to:

- relevance,
- scope,
- need for action,
- who should do what