



The German EU Council Presidency Initiative:
“Establishing key principles for the
global space economy”

Kai-Uwe Schrogl
14th ESPI Autumn Conference, 2 October 2020

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

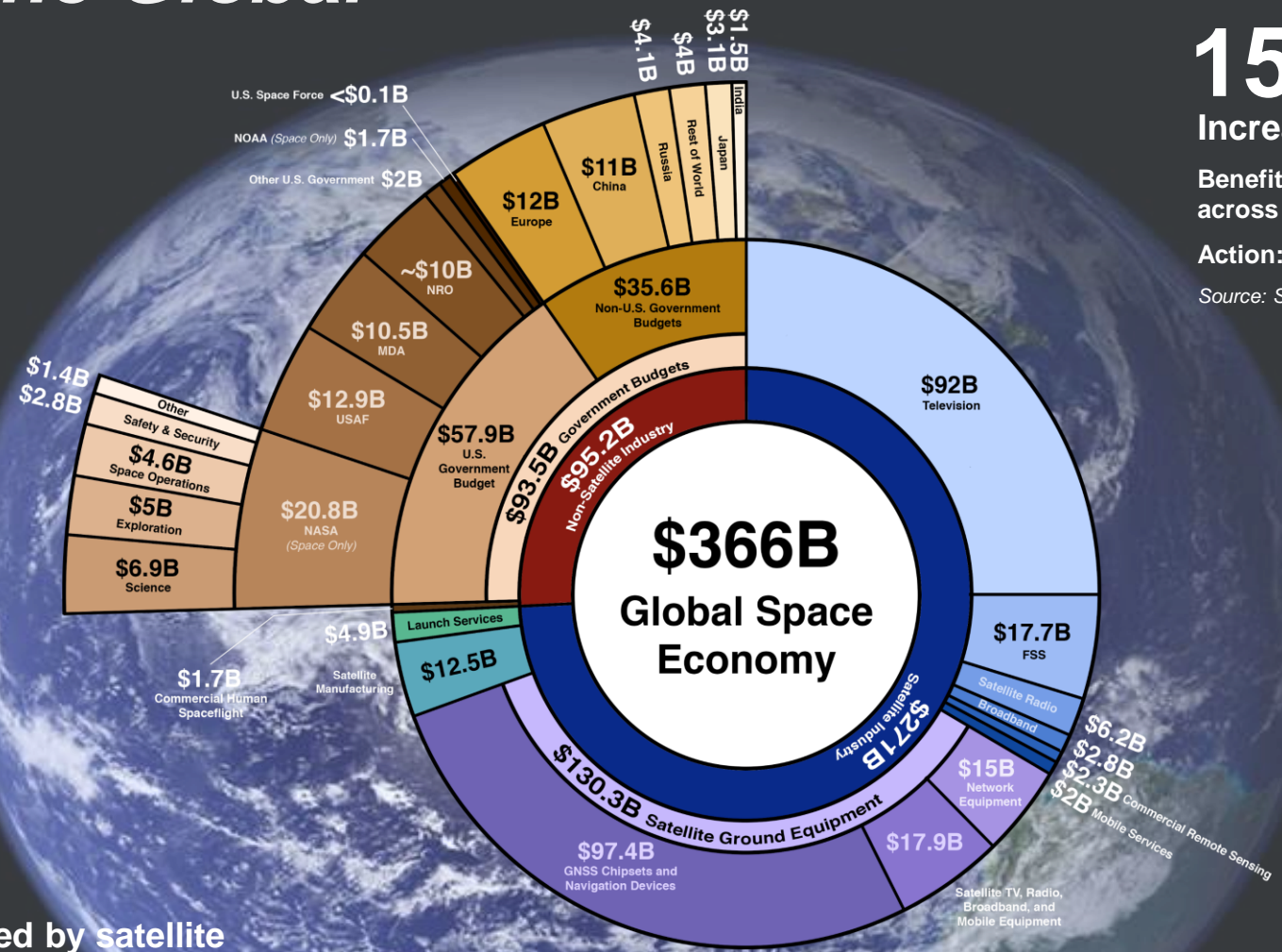
5B+

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



The German EU Council Presidency Initiative:
“Establishing key principles for the
global space economy”

Kai-Uwe Schrogl
14th ESPI Autumn Conference, 2 October 2020