

Private Sector Contribution to the SDGs – Enhancing a Stable Environment Through Norms of Behavior

Ian Christensen

Director of Private Sector Programs, Secure World Foundation

United Nations/China Forum on Space Solutions: Realizing
the Sustainable Development Goals

Round Table “Bridging Gaps Between User Needs and
Space Solutions: Working Towards 2030”

April 26, 2019

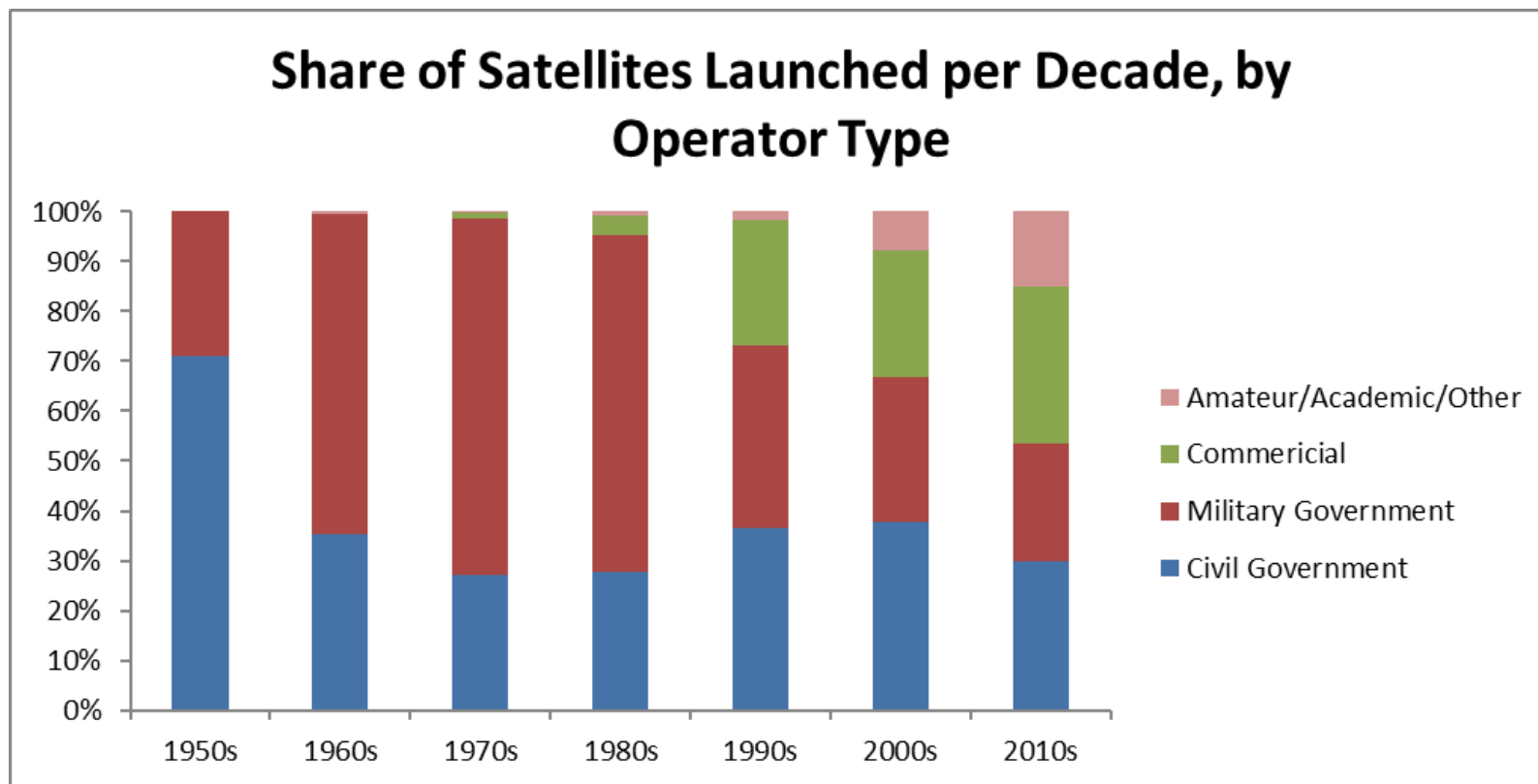
Secure World Foundation – Who We Are

- Secure World Foundation *is a private operating foundation* that promotes cooperative solutions for space sustainability



The Foundation acts as a research body, convener and facilitator to examine key space policy topics often through partnership.

A More Complex, Dynamic Operator Community



Source: McDowell, Jonathan C, 2017—Satellite Statistics http://www.planet4589.org/space/log/stats2/own_categ.txt

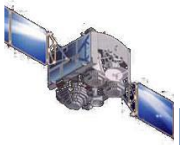
- **How do we manage the influx of new actors and growth in space activities to ensure long-term sustainability of space?**
- **How can SDG implementers leverage on the data revolution and newspace movement?**



Promoting Cooperative Solutions for Space Sustainability

Impetus for Norms in the Private Sector

- Over the next decade, the private sector will become the dominant player in space (18,000+ satellites intended for launch)
- Incentives for satellite operators to set norms/behaviors without waiting for governments to act
 - Increase the sustainability of their own business models
 - Allay concerns that crowding the skies will create havoc for existing users
 - Preempt the need for government regulation (or at least inform it)
- Ties into broader Corporate Social Responsibility movement
 - Businesses value in social good beyond just bottom line
 - Socially responsible practices that reinforce business models
- Support implementation of the 21 Guidelines for the Long-term Sustainability of Outer Space Activities



Space Infrastructure

- Space Agencies
- Manufacturers
- Satellite Operators
- Launch
- Investors



Downstream

- Analytics Companies
- Nat'l Statistics Agencies
- Nat'l EO Agencies
- Ground Segment
- Academia
- Hardware vendors



End Users

- Gov't Service Agencies
- NGOs
- Donors
- INGOS
- Local civil society
- Contractors

Moving Forward

- **Realize:** no SDG contains goals that weren't already being worked on by professionals around the world
 - Space provided services and applications are part of that solution set – but perhaps not the primary contributor
- **Recognize:** providing space-based solutions to the SDGs requires a stable environment in orbit
- **Ask:** Is the user community aware of the links between SDGs, space-services, and the sustainability of the environment?
 - Increased collaboration among a wider range of stakeholders
- **Leverage:** corporate social responsibility principles
 - Contribute to sustainability of the domain
 - Develop links between social good and business success
 - Engage employees, shareholders, and customers in benefit

Thank you

谢大家的关注

ichristensen@swfound.org