



International Cooperation: Overview

- **International Cooperation at NASA:**
 - Is directed by the National Aeronautics and Space Act that created NASA in 1958 and continues to be part of national space policy
 - Has been a cornerstone of NASA's activities throughout its history
 - Includes over 4,000 agreements with over 120 nations and international organizations
 - Brings multiple benefits to NASA and its partners
 - Is pursued for a variety of reasons, through a combination of choice and necessity
- **Current International Cooperation:**
 - Over 700 active international agreements
 - 8 partners account for 50% of the agreements (France, Germany, ESA, Japan, UK, Italy, Canada, Russia)
 - By mission area: 2/3 are in science missions
 - By region: 1/2 are with partners in Europe



NASA has Clear Guidelines for International Cooperation

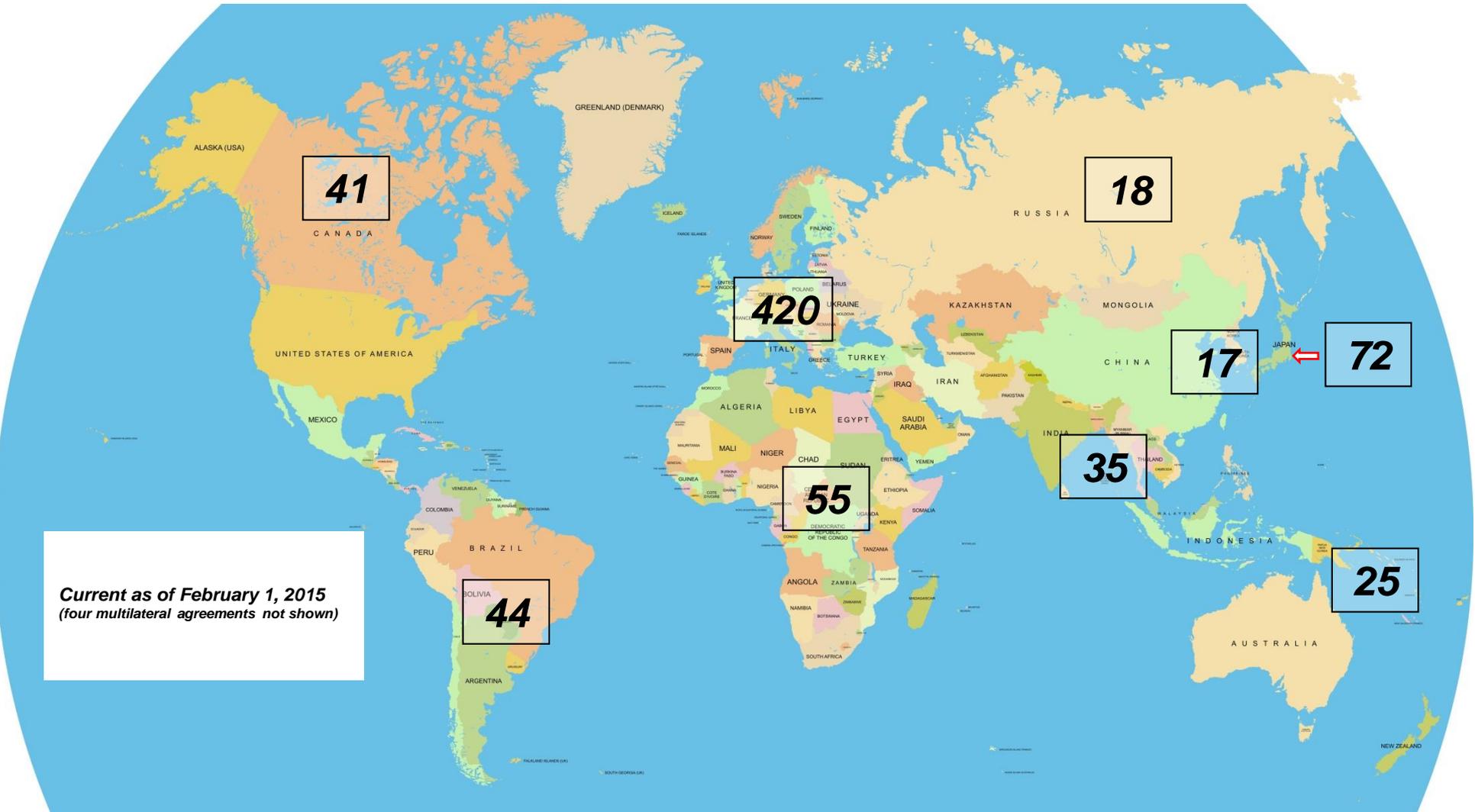
- NASA international partners are generally government agencies due to the significant level of investment and legal requirements
- Each Partner funds its respective contributions, but contributions need not be equivalent
- Cooperation must be consistent with U.S. foreign policy objectives
- Projects/Partnerships:
 - Must have scientific and technical merit
 - Must demonstrate a specific benefit to NASA, support Mission Directorate activities
 - Are structured to protect against unwarranted technology transfer
 - Are structured to establish clearly defined managerial and technical interfaces to minimize complexity
 - Are documented in a written, binding agreement, closely coordinated with the U.S. Department of State and other U.S. Government agencies



Global Reach: Current International Cooperation

Total International Agreements = 731

Total Countries: 122 (and 2 international organizations)



Current as of February 1, 2015
(four multilateral agreements not shown)



NASA International Agreements

- **731 Agreements as of February 1, 2015**
 - 107 for the Global Learning and Observations to Benefit the Environment (GLOBE) Program
 - 150 for international lunar/astromaterial sample loans
 - 15 “framework” agreements, 19 for education, training, outreach, etc.
- **440 “mission” related agreements**

