

Origins of Landsat-Sentinel Discussions

- ✦ **In 2005, the US and EU agreed to enhance Transatlantic Economic Integration and Growth.**
 - “Encourage collaboration on long-term basic research within the context of the U.S.-EU Science and Technology agreement, and develop exchanges of good practices concerning the policies needed to support ***science and innovation***; (and)
 - Promote cooperation using ***civilian space-based technologies*** for sustainable development, science/exploration, and deepening the knowledge society.”
- ✦ **Since 2006, a yearly US-EU Space Policy Dialogue has convened.**
 - **US and European (multinational) space agencies**
 - **Trade, regulation, systems technology, and national programs**
 - **Earth Observation (GMES-IEOS)**
 - **Landsat-Sentinel Collaboration**



Two-Track Dialogue

- ✦ **TRACK ONE – USGS-EU collaboration in Operational Land Imaging and related Science & Applications**
 - To be formalized through Implementation Agreement (Addendum) to the US-EU Science & Technology Agreement
 - Will encompass European national space agencies, science institutions, and industries
 - Will be topic-oriented – eg, Climate and Environment
- ✦ **TRACK TWO – USGS-ESA collaboration (with NASA participation) between the Landsat 8 – Sentinel 2 missions**
 - Technical Teams convened
 - Letters of Intent exchanged
 - Forerunner of future broad agreement



Next US-EU Space Policy Dialogue

- **Will convene in October 2009**
- **Anticipates USGS-ESA Technical Progress Report**
- **EU seeks a broader conversation**
 - **Earth Observation**
 - **Climate Change**
 - **Joint Security interests**
- **In March 2009, the EU signaled readiness to fund joint space and science initiatives of common US-European interest**
 - **Operational Land Imaging**
 - **Sample Topics: Climate Change, Land Use/Land Change, Land Management, Operational Satellite Services**
- **USGS-EU research collaboration in broader Earth science and applications topics also feasible**