



# **Societal Challenges of Global Dimension - Space for Sustainable Development Goals (SDGs)**

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# UNISPACE+50, the four Pillars and the SDG's

## Space Economy

Development of space-derived economic benefits.

## Space Society

Evolution of society and societal benefits stemming from space-related activities.



Building partnerships and strengthening international cooperation in space activities.

All communities using and benefitting from space technologies.

## Space Diplomacy

## Space Accessibility



## Space Strategy of the German Federal Government

### Third guideline: Intensifying international cooperation

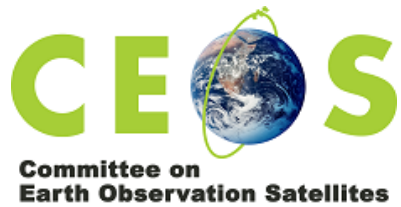
*Due to their technical complexity and high cost, many space projects can be realised only through international cooperation. The Federal Government therefore intends to further expand international cooperation through coordination with its partners ...*



European Space Agency



UNCOPUOS



Inter-Agency Space Debris Coordination Committee





## Space Strategy of the German Federal Government

Space is “a key to solving global challenges”, including globalisation and climate change, and all “space projects must therefore be measured according to the contribution they make to achieving these objectives”



## German focus on Africa

- G20 Presidency of the Federal Government  
→ Partnership with Africa
- Federal Ministry for Economic Cooperation and Development  
→ Marshall Plan with Africa
- Federal Ministry for Economic Affairs and Energy  
→ Pro! Africa initiative



Pro! Africa





## German capacity-building efforts

- DLR & World Food Programme cooperation (funded by the German Federal Foreign Office)
- Training workshops in Africa to access and use satellite Earth Observation data effectively



Image: Participants of a training workshop in Gabon, February 2017



## German Space Strategy

Second guideline: Orientation toward the principle of sustainability

*Germany's contribution to space activities are [...] implemented in a way that will also allow future generations to take full advantage of the possibilities of space.*

This requires:

- effective, generally accepted regulatory framework
- avoidance of producing space debris
- proper protection of space systems