

# **ESPI Report 60**

# **Engaging with stakeholders in preparation for UNISPACE+50**

**United Nations/Austria Symposium**  
**"Access to Space: Holistic Capacity-Building for the  
21st Century"**  
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Dr. Stefano FERRETTI  
Jean-Jacques TORTORA  
Elisabeth VEIT  
Alessandra VERNILE

# Outline

Pathways to Sustainable Development

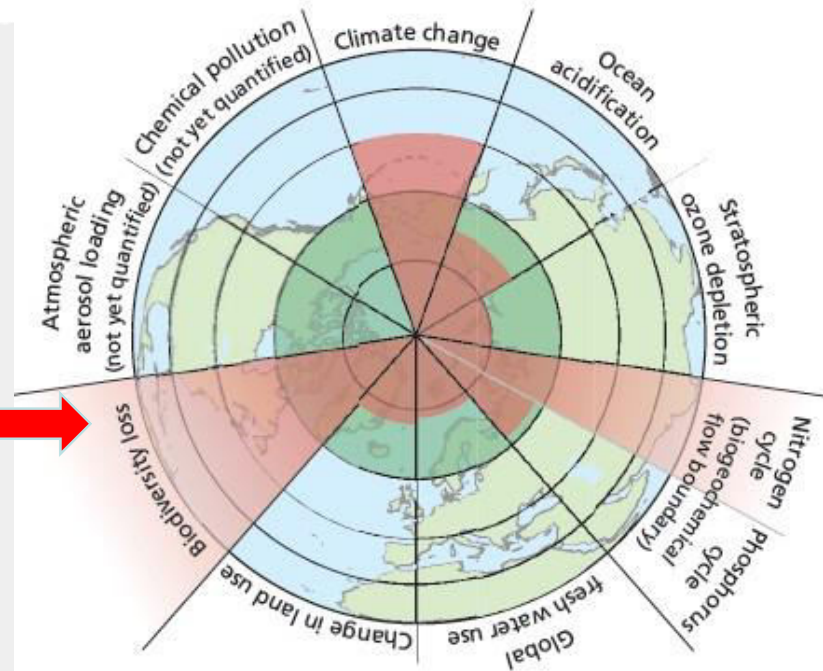
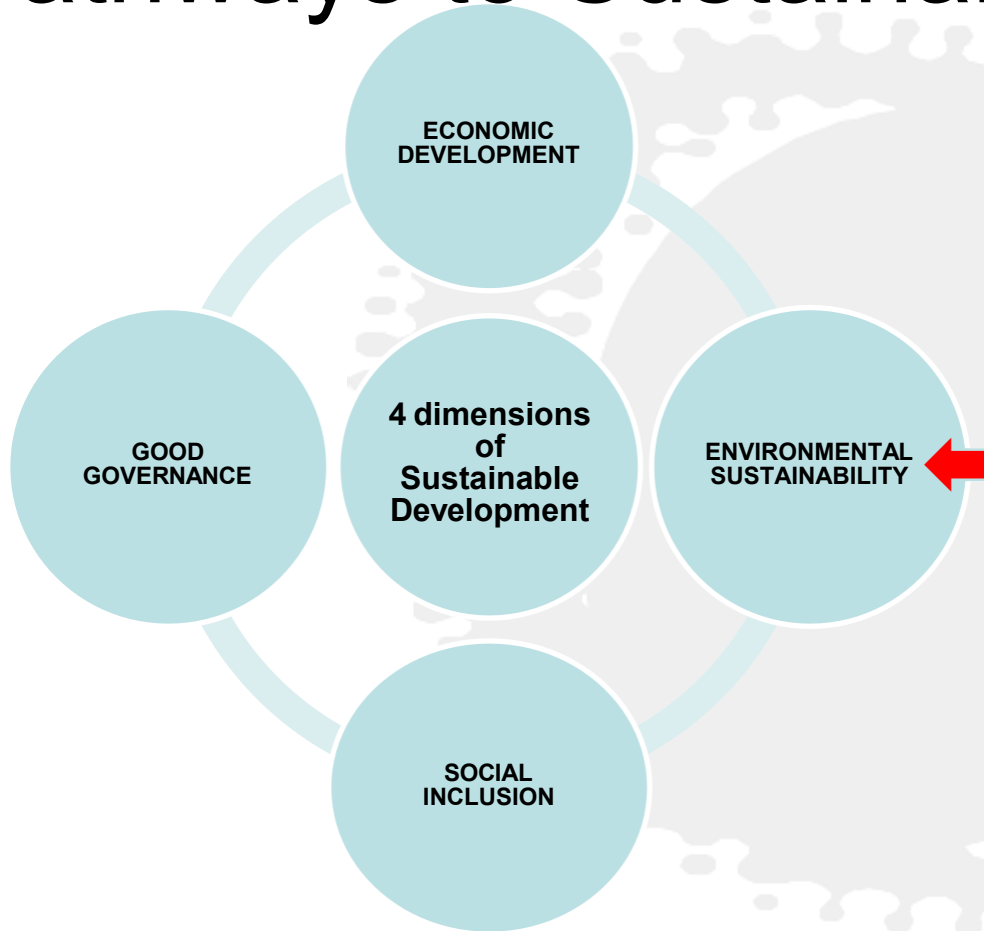
Space & Sustainable Development

ESPI Stakeholders Engagement

ESPI 10<sup>th</sup> Autumn Conference

Key Recommendations

# Pathways to Sustainable Development



**Planetary Boundaries** ©Jeffrey Sachs

*"...satellite technology can help us protect people and the planet."*

Ban Ki-Moon

## Who are the stakeholders?



# Space & Sustainable Development

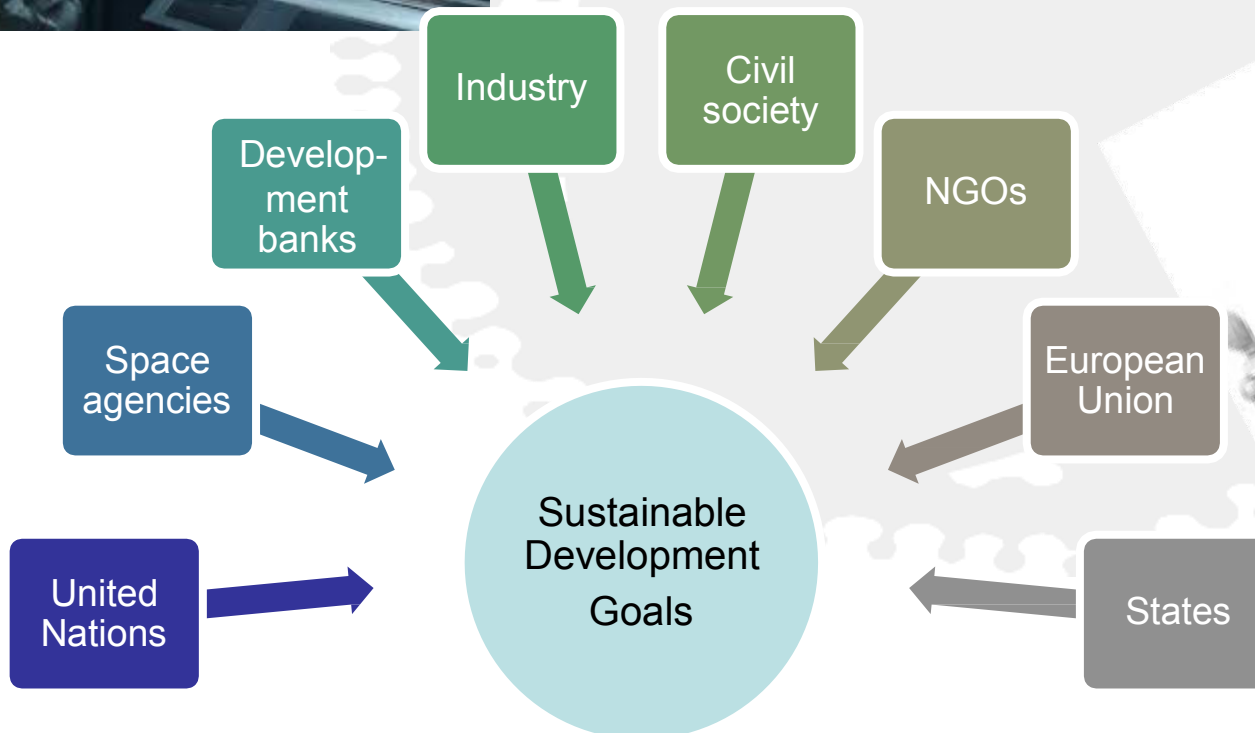




# Stakeholders



*Sustainable Development is "development which meets the needs of current generations without compromising the ability of future generations to meet their own needs"*



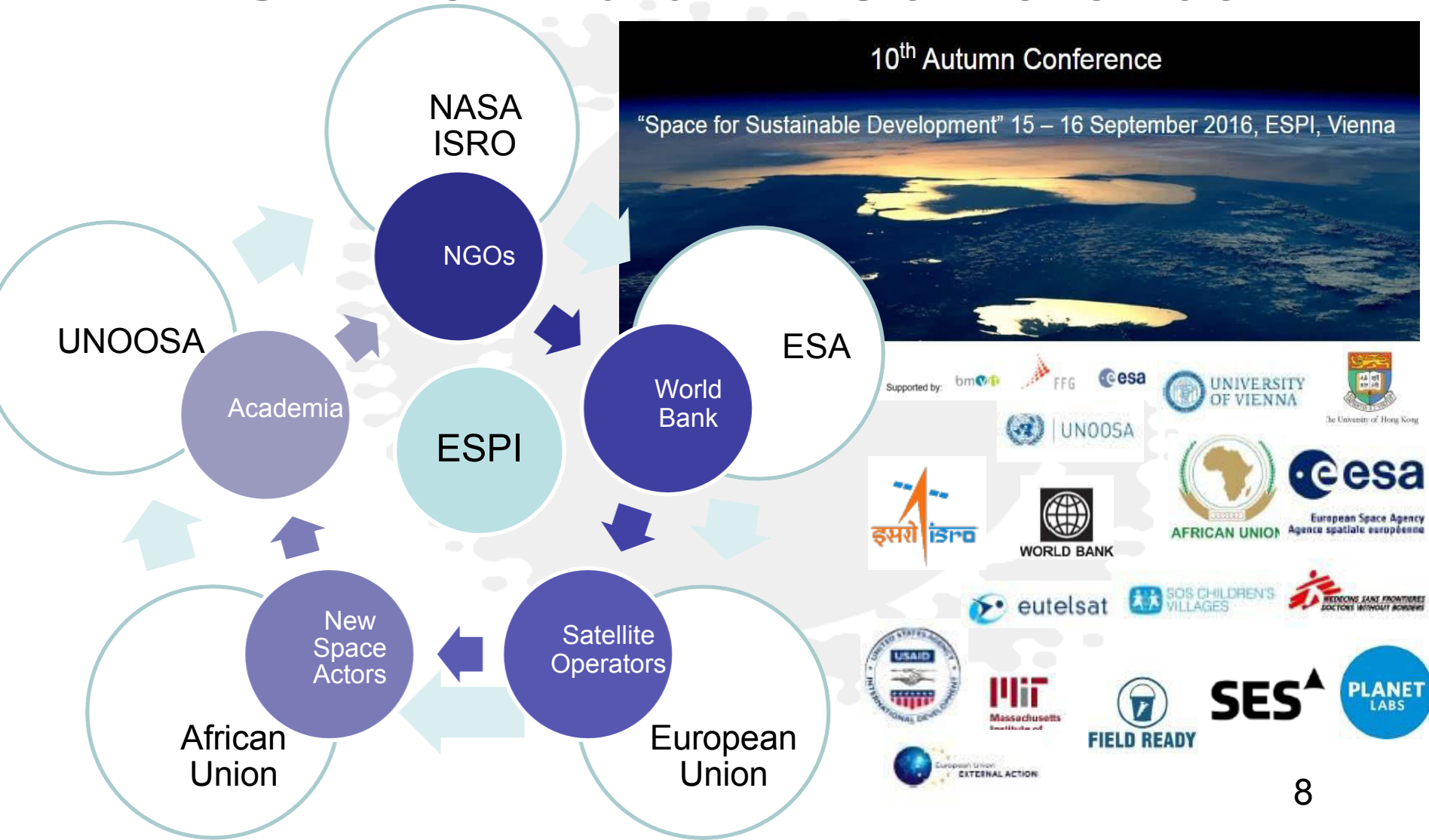
# ESPI Stakeholders Engagement (1)

- **European Union consultations, Brussels (Sept 2015)**
  - ESA Jam Session on Migration, Paris
- **EU DG-ECHO Partners conference, Brussels**
  - United Nations High Level Forum, Vienna
  - ESPI Accomp Group on Sust Development
  - GEO Roundtable, Geneva
  - FSD consultation on drones, Geneva
- **ESPI dialogue platform with NGOs**
  - United Nations COPUOS 2016, Vienna

# ESPI Stakeholders Engagement (2)

- 10<sup>th</sup> ESPI Autumn Conference “Space for Sustainable Development”, Vienna
- International Conference on Sustainable Development, Columbia University, New York
- United Nations / International Astronautical Federation Workshop on Space Technology for Socio-Economic Benefits, Mexico
- International Astronautical Congress 2016, Mexico
- 1<sup>st</sup> International Space Forum at Ministerial level – ISF 2016, Trento, Italy
- United Nations/United Arab Emirates High Level Forum on Space as a Driver for Socio-Economic Sustainable Development, Dubai

# ESPI 10<sup>th</sup> Autumn Conference

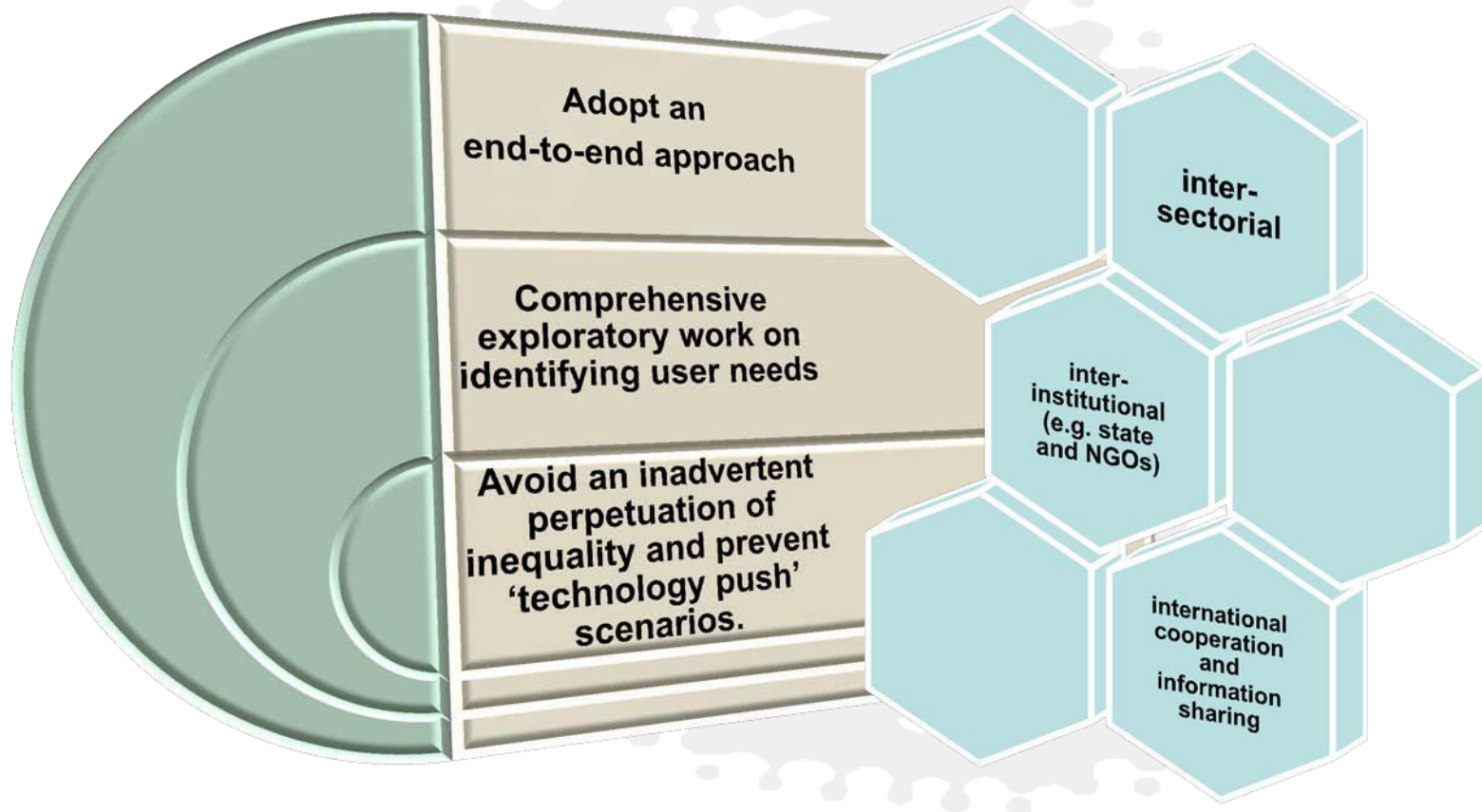




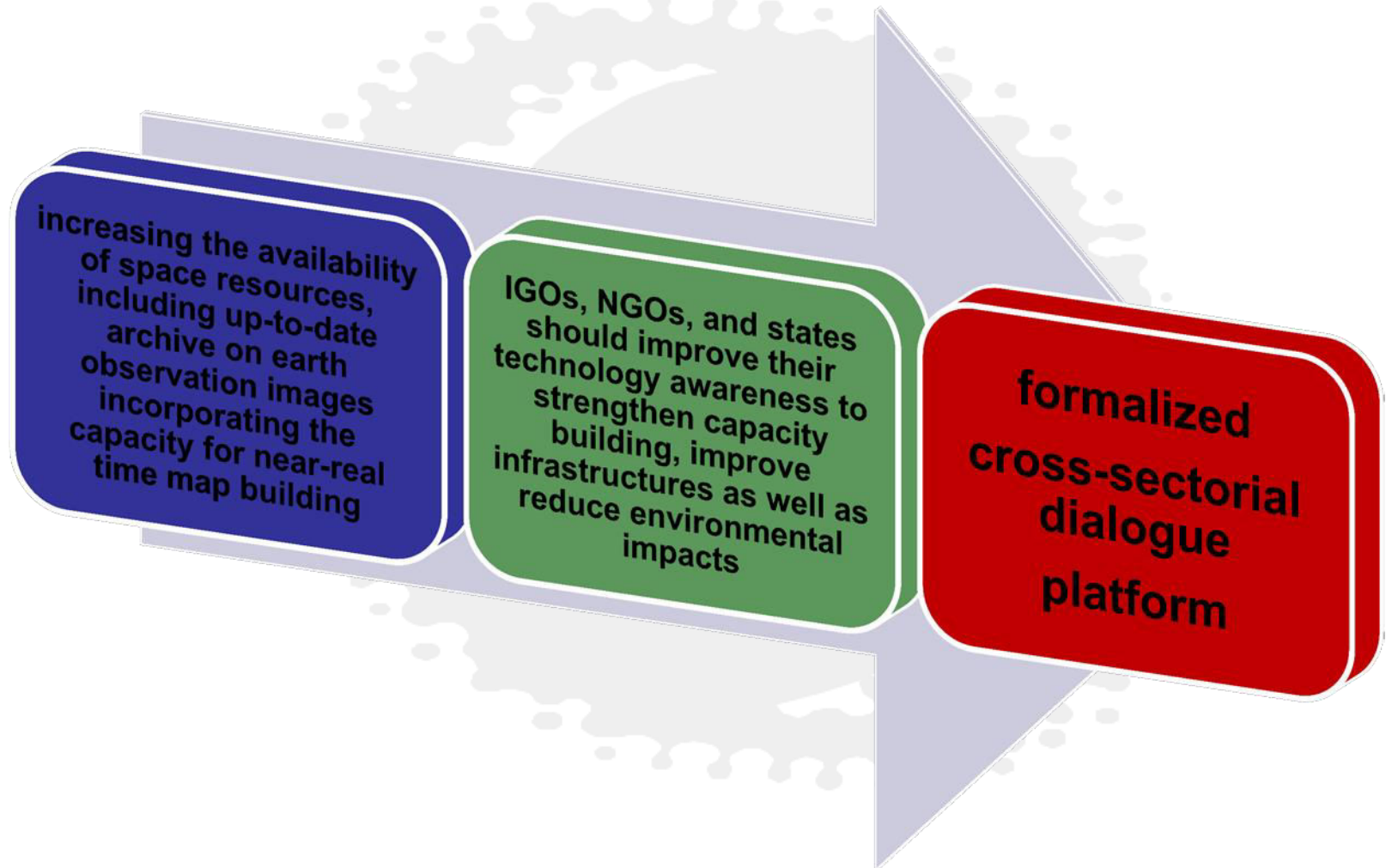
# ESPI dialogue with NGOs

- Focus on the actual needs of developing countries
  - > new service design models
- When are space-based solutions best and most cost effective?
  - > creation of helpdesk
- Potential of space for managing the environment and the local effects of climate change, for telemedicine and epidemiology, for facilitation of telecommunication, education and logistics management
  - > local actors involvement
- Challenge is how use the existing infrastructure and its functionalities and data in innovative ways and, through this, contribute to the achievement of the SDGs across a broad spectrum of individual goals
  - > new holistic programs

# Key Recommendation 1: Space actors



# Key Recommendation 2: Capacity Building



# Key Recommendation 3: Way Forward



# Conclusions

- Dialogue with most relevant stakeholders, including both Development actors and Space ones (incl. political, economic and social dimensions)
- African Union Space Policy and Strategy released in 2016
- UN Agenda 2030: the role of UNOOSA & Space Agencies in Sustainable Development
- New entrants in Space, Non Governmental Organizations
- Space services, as enablers, have a very substantial role to play in implementing the SDGs: existing applications, identifying gaps in leveraging of technologies, delineating limitations and challenges in governance, cooperation and technical implementation.
- UNISPACE+50 process is an opportunity to further demonstrate the broad societal benefits of space as a source of **innovation**, **inspiration**, **interconnectedness**, **integration** and investment, and to strengthen unified efforts at all levels and among all relevant stakeholders in addressing the overarching long-term development concerns of society.



# Thank you!

Contacts:

[Stefano.Ferretti@espi.or.at](mailto:Stefano.Ferretti@espi.or.at)

[Jean-Jacques.Tortora@espi.or.at](mailto:Jean-Jacques.Tortora@espi.or.at)

[Alessandra.Vernile@espi.or.at](mailto:Alessandra.Vernile@espi.or.at)