In Support of the United Nations Programme on Space Applications
SHARED VISION, COMMON ACTION

Stronger Capacity Building to Support a Sustainable Society
SGAC Origins

- Space Generation Forum: 160 students and young professionals invited to contribute
- Product of the discussions were the Vienna Declaration where the States resolved

“To create, within the framework of the Committee on the Peaceful Uses of Outer Space, a consultative mechanism to facilitate the continued participation of young people from all over the world, especially young people from developing countries and young women, in cooperative space-related activities…”
SGAC Purpose

• Create a **global network** of university students and young professionals in the space sector who have a passion for making a difference in the space sector and a commitment to action

• **Connect** them to peers and top space professionals from various organisations

• Give the next generation of space sector leadership opportunities and a **voice in global space policy**
SGAC Network

6 Regions, 100+ Countries, 4,000+ Members
15th Space Generation Congress

Guadalajara, Mexico (22 - 24th September 2016)

- Held in conjunction with the IAC
- 151 delegates from 32 countries
- 14 speakers, and 7 subject matter experts from space agency, academia and industry
- 5 Working Group topics on the key issues of the current space industry

UNISPACE+50: Shared Vision, Common Action

Sponsored by the Secure World Foundation (SWF)

SGC 2016
Focus Areas

• A collection of input from the future generation of space leaders to help foster, shape, and further a new long-term vision for space

• Overview of needs of developing countries with regard to the secure and sustainable access to, and use of space for socio-economic benefits and sustainable development

• Activities that can help space actors to equip themselves with the technical and policy/political/legal expertise for the benefit of humankind.
Space: Source of Socio-Economic Benefits

• *How, and how much?*
  – Public outreach agenda
  – Clear vision, synergies

• *Liaise with non-space organisations*
  – Domains where the use of space products and data is needed

• *Cross-sectoral cooperation and diversification*

• *Return on space investments need to be appropriately communicated*
  – Socio-economic studies
  – Impact assessments
Space: National Space Agenda

• **Building capacity across space markets and placing space on national political agendas**
  – Properly informed of the benefits of space investments

• **Increasing knowledge and information sharing between nations at all levels of experience**
  – Linking aspiring space nations
  – Providing an appropriate network or platform for discussions
  – By working together to increase the likelihood of success

• **Encouraging the sharing of best practices**
  – Providing opportunities to participate
  – Multiplying student and YP opportunities
Space: Leading Technology Development

- Establishment of multidisciplinary bodies to pursue technology transfer and develop spin-off technologies
- International level
  - Centers of Excellence/model on existing NATO centers
  - Generate space knowledge to be shared
- National level
  - Use of knowledge to address and solve local issues
- Organising global forums and workshops on technology transfer and spin-offs
  - Establishing multi-disciplinary working groups to analyze the impact of initiatives
THANK YOU

Email: minoo@spacegeneration.org