



SPACE GENERATION ADVISORY COUNCIL

In Support of the United Nations
Programme on Space Applications

SHARED VISION, COMMON ACTION

Stronger Capacity Building to Support a Sustainable Society



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ADVISORY COUNCIL

SGAC Origins

- Conceived at the Third United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE III) in Vienna in 1999
- 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...**”*

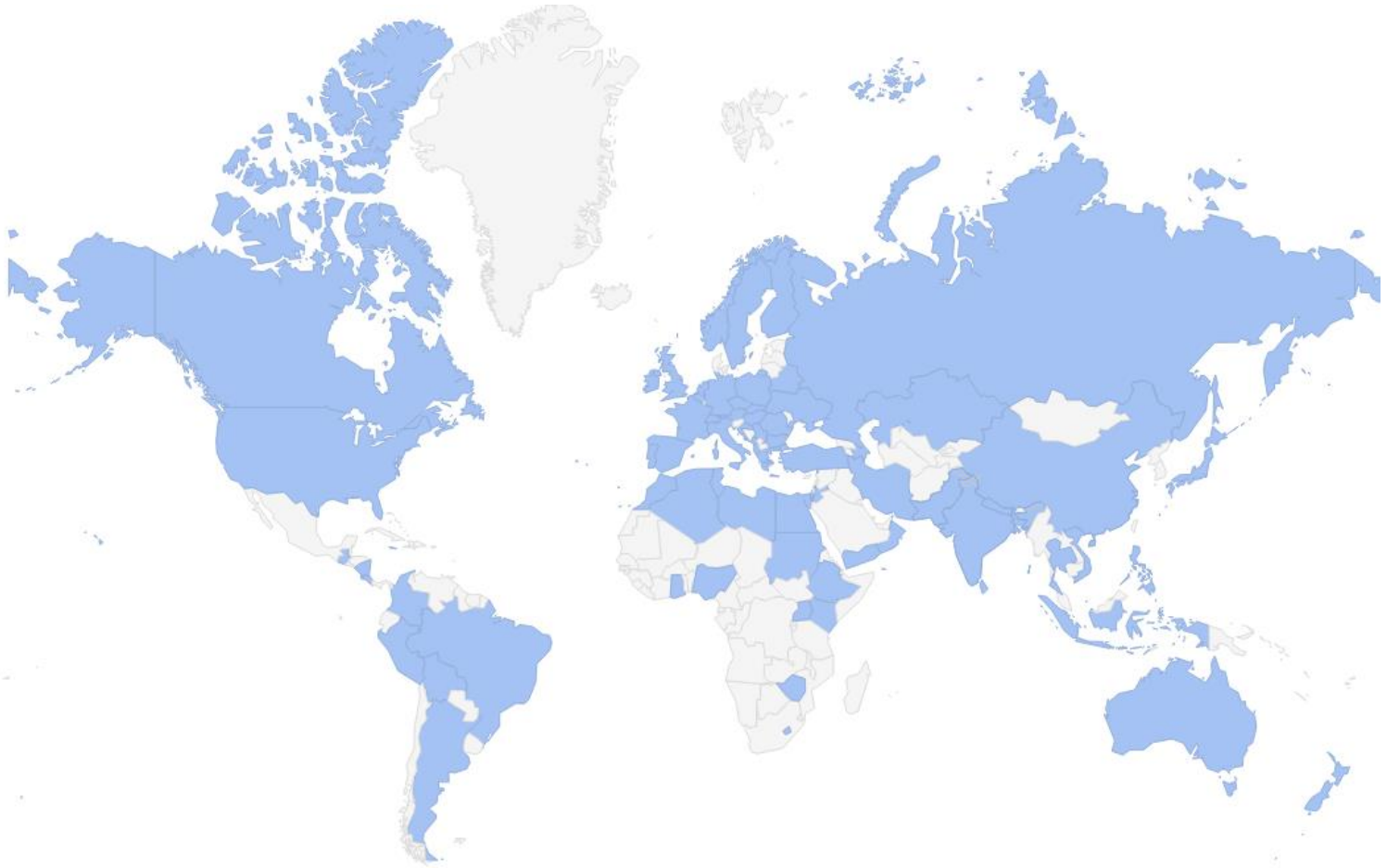


SGAC Purpose

- 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



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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

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