



SPACE GENERATION ADVISORY COUNCIL

In Support of the United Nations
Programme on Space Applications

SGAC: BEYOND A NETWORK



Space Generation Advisory Council



@SGAC



spacegeneration

#SGAC #SpaceGen



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SGAC PROJECT GROUPS: Education Activities In An International Network

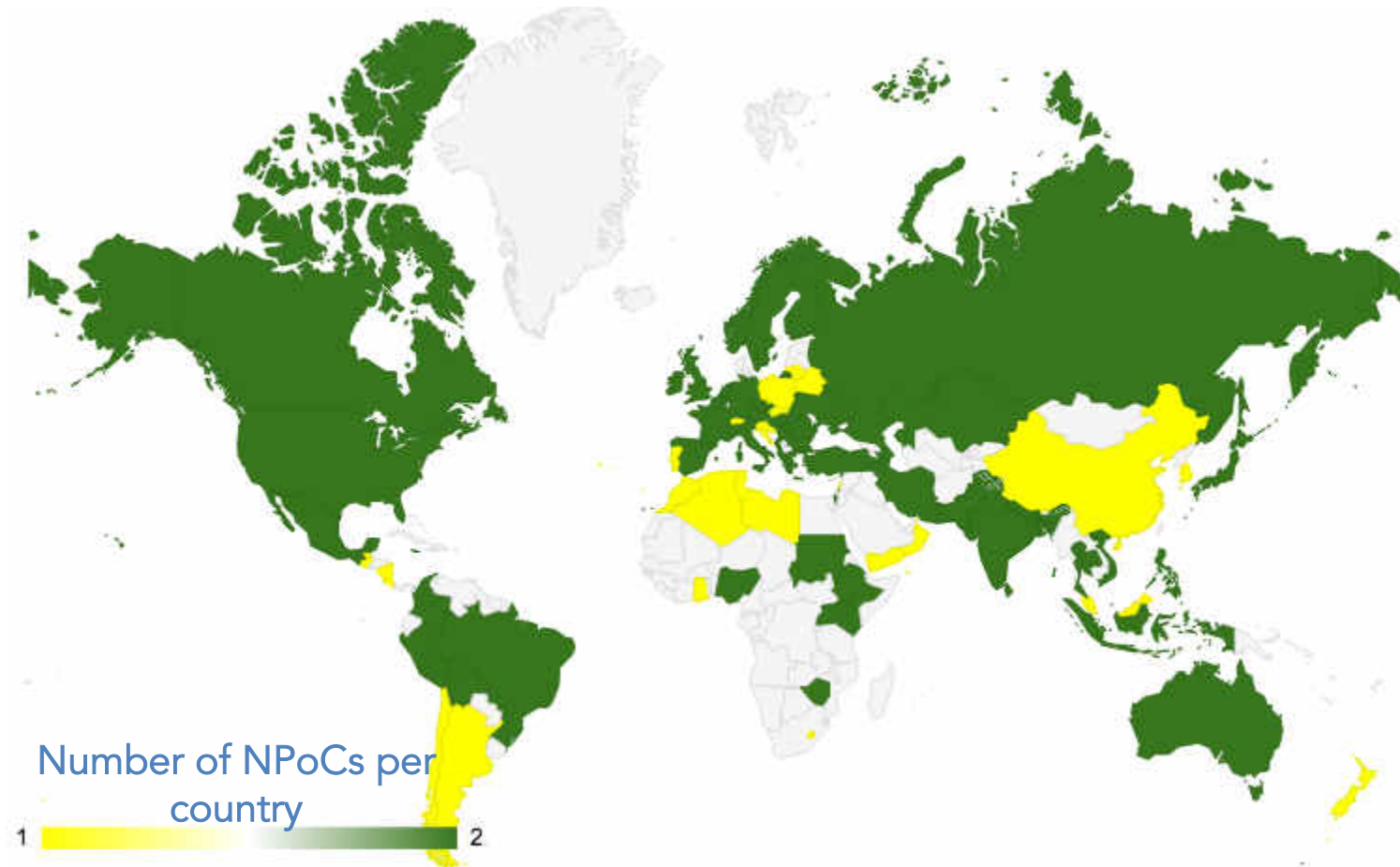


SGAC Purpose

- Create a global volunteer base 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
- Permanent Observer status at United Nations Committee on the Peaceful Uses of Outer Space (UN COPOUS)
- Global Statistics in 2015
 - 114 Scholarships, Awards and conferences registrations
 - 16 Conferences and Workshops organised by SGAC
 - 49 conferences with official SGAC representation



SGAC Network



6 Regions, 100+ Countries, 4,000+ Members



SEPG
Space Exploration



Space Safety and
Sustainability



Commercial Space

NEO

Near Earth Objects



SPACE LAW AND POLICY
PROJECT
GROUP
Space Law and Policy



Small Satellites

YGNSS
YOUTH PROMOTING COOPERATION AND EDUCATION
IN GLOBAL NAVIGATION SATELLITE SYSTEMS
YGNSS



Space Technology and
Disaster Management

SGAC Project Groups



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SGAC Project Groups

Space Exploration

- Global Exploration Roadmap survey
- Collaboration with Lunar Mission One
- Merged with the Analog Planetary Operations Group (APO-G)



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Space Law and Policy

- Sub-orbital flight regulation (UN COPUOS Legal Subcommittee Working Group on the Definition and Delimitation of Outer Space)
- Nano-satellite survey (regulation aspects of nano-satellite development)



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Commercial Space

- “\$pace is Business” competition
- Nano-satellites survey (commercial aspects of nano-satellite development)



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Near-Earth Objects

- “Move an Asteroid” technical paper competition
- “Find an Asteroid” search campaign



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Small Satellites

- QB50 project
- Nano-satellites survey (technical aspects of nano-satellite development)



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Disaster Management

- The Role of Global Navigation Satellite Systems (GNSS) and Earth Observation in Disaster Management” Workshop 2013



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YGNSS

- YGNSS Workshop on Interoperability and International Cooperation 2015
- Presentation of the YGNSS activities to the Positioning, Navigation and Timing Advisory Board



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Space Safety and Sustainability

- Active Debris Removal project
- Recommendations to the UNCOPUOS (use of nuclear power for spacecraft)



SGAC Project Groups

Conclusions

- The groups prepared more than 10 publications in 2015
- Attended the major conferences in the sector, including the IAC
- Organised international workshops (YGNSS workshop in Colorado)
- Provided recommendations to the UNCOPUOS
- Your chance to work with people around the world from a variety of academic backgrounds and experience



Be part of the Space Generation

- Have your say in today's top space issues in a broader setting
- Access to scholarships
- Network, access to potential employers
- Building leadership skills
- Connect with current and future international space leaders
- Join the SGTalk mailing list for career opportunities, news and updates
- **Membership is free**

Join the SGAC Talk List



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THANK YOU

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