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Next Generation's Recommendations and Call to Action for Gender Equality and Diversity in the Space Sector

Presented by Yulia Akisheva
on behalf of the Diversity and Gender Equality Project Group
of Space Generation Advisory Council
64th Session UN COPUOS, 2021

Presentation Agenda



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Next Generation's Recommendations and Call to Action for Gender Equality and Diversity in the Space Sector

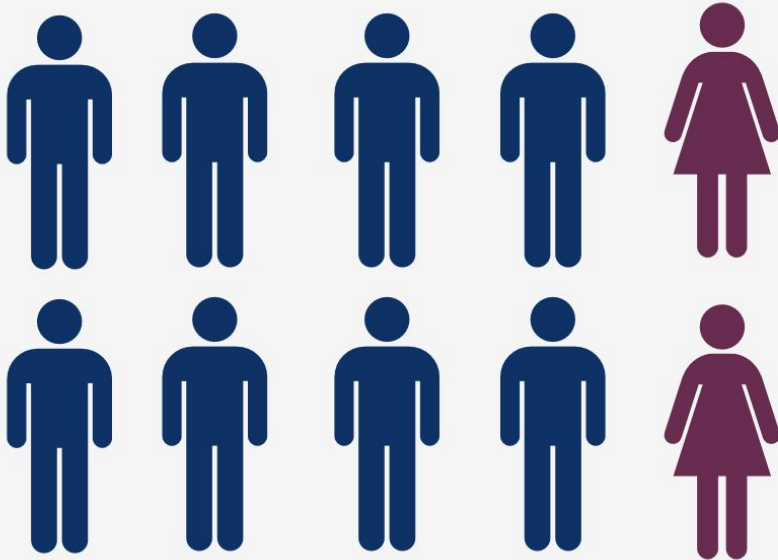
Diversity and Gender Equality Project Group (PG)

- long-term projects;
- research;
- events;
- communication;
- partnerships.

Top five recommendations and a call to action.



Next Generation's Recommendations and Call to Action for Gender Equality and Diversity in the Space Sector



**“the space sector isn’t a steady cruise for all,
for many [minorities] it is a bumpy ride...”**



DIVERSITY AND GENDER EQUALITY

- **Raise awareness and break stereotypes** within and outside of SGAC;
- **Tackle concrete concerns** raised by minorities in the space sector;
- **Provide concrete recommendations for implementation** in industry and academia, and setting an example through SGAC;
- **Inspire and provide avenues** for young people from all horizons (gender, background, nationality, age, status...) to join the space sector;
- **Enrich the aerospace industry** by advocating for gender equality, diversity and inclusion;
- **Create a lessons-learned and practice platform** on inclusive outreach and education;
- **Set up a global network of people and entities** taking action for diversity and gender equality, extending out to and including SGAC partners.

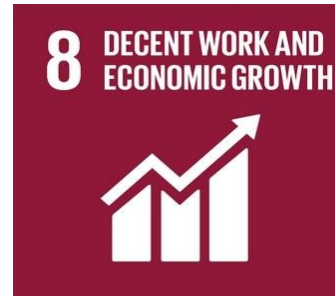
SGAC Principles and SDGs



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1 Working Together	2 Representing the Space Generation	3 Acting with Respect and Integrity	4 Embracing Diversity	5 Making a Positive Impact
6 Being Open and Transparent	7 Growing Together	8 Enjoying What We Do	9 Being Proactive	10 Fostering Improvements



Project Group's Activities



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Long-term projects
within SGAC



Research
activities



Events



Communication
and outreach



Partnerships with
space organizations



Long-term Projects



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Support diversity in future generations of astronauts

How can we raise the number of women and minority representatives in both the public and private astronaut corps?



Support the first women on Mars

What research and experiments can be done to better prepare the space society for the first human mission to Mars?



Collaborate with teachers, educators and parents

How can we reach out to a younger audience to promote STEM careers regardless of gender and background?



Research



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Statistics and information

Within and outside of SGAC through surveys and research

Reports and recommendations

Conclusions based on information retrieved, inputs to create new PG long-term projects

Best practices and strategies

To foster and embrace diversity and promote gender equality from the aerospace industry and beyond



Events



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SG[France]2020 Our Giant Leap

Women of the Aerospace Sector



September 26th 2020



45 SGAC members

15 experts



71 recommendations:

- **Implicit Bias & Discrimination**
- **Mentorship Strategies**
- **Fill in Gaps in Female-oriented Space Research**





Communication

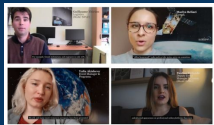


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Educational and participative videos

Material on tips to make your working environment more women-friendly.



Ex: “**Facts of being a woman in the aerospace sector**” available on SGAC YouTube Channel

Webinars and Masterclasses

Interactive sessions with young professionals and experts of the space sector.



Ex: “**Towards a more inclusive space sector**” available on SGAC YouTube Channel

Our Giant Leap Magazine

With **interviews** of inspiring women currently rocking the space sector; **biographies** of women who have made history in the space sector in the 6 SGAC regions; **tips** for both women and men to make their work environment and conditions more inclusive.

Podcasts

As we discover many inspiring stories and exciting new ideas for embracing diversity and gender balance, we feel the need to share them. Podcast is a good format for sharing extended content around a particular story, person or idea.



Outreach



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Events and Conferences



SpaceGen United, 2020 online

Special Track dedicated to SDGs 5 and 10



SG[Egypt]2021

Diversity in Space Workshop



Women in Space Edinburgh 2021

Presentation of Our Giant Leap activities



IAC2020 online

Presentation and article at the International Astronautical Congress 2020

Articles

Promotion of Our Giant Leap activities and recommendations in other magazines and newspapers.

Newsletters

Promotion of projects and opportunities related to gender equality in the space sector by email.

Papers

Promotion of Our Giant Leap activities and recommendations at international conferences.



Partnerships



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Signature of a **MoU**
between **SGAC** and
ActInSpace that
includes OGL

FEBRUARY 2020



Signature of a **MoU**
between SGAC and
WIA that includes
OGL

JUNE 2020



SG[France]2020

SEPTEMBER 2020



Ohio Uni Conference
Diversity Space & Aviation



TBD



Top Five Recommendations



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1.

Commit to concrete actions in order to close the gender data gap in human spaceflight and research:

- **change the perception** of female-oriented research as a “plus” and results of male-dominated research as standard,
- **promote** more long-term missions for female astronauts and include more women in bed rest, dry immersion and clinical research studies, and analog missions,
- and **pass legislations** standardising sex-disaggregation of data in space research.

Top Five Recommendations



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2.

Provide **greater visibility** to **minorities of the space sector** (through communication campaigns, videos, and original and diversified content) in order to **underline** their **unique stories**, and **inspire** and **attract** people who identify with them.

Top Five Recommendations



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3.

Commit to **full transparency** on the current **status** (statistics, ratio) and **objectives** regarding diversity and gender equality, and **provide feedback** on the implementation of **new policies** to achieve the objectives.

Top Five Recommendations



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4.

Sensibilise the **younger generation** - and their **parents** - about **gender equality** and **inclusion** by creating educational programmes, speaking in schools and showcasing role models.

Top Five Recommendations



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5.

Plan an **all-female ISS mission** with diverse international profiles: increasing the amount of research focused on women and female astronauts; and consequently, investigating preventive measures and protection needs specific to women in space.

Call to Action



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The Diversity and Gender Equality PG is calling...

- for **action** on the **aforementioned recommendations**;
- for a **dedicated** and well-structured **discussion** on the matters of **gender equality and diversity**;
- for the **implementation** of **Sustainable Development Goals** number **5** and **10** in the space sector.

THANK YOU!



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#AskOGL

#OurGiantLeap



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