

Space Generation Advisory Council

Membership Report 2021



SPACE GENERATION
ADVISORY COUNCIL



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In support of the United Nations programme on Space Applications

c/o European Space Policy Institute (ESPI)
Schwarzenbergplatz 6
Vienna A-1030
AUSTRIA

info@spacegeneration.org
www.spacegeneration.org
+41 1 718 11 18 30
+43 1 718 11 18 99

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Executive Summary

The objective of the Space Generation Advisory Council Membership Report 2021 is to present an overview of SGAC growth in terms of members and opportunities in the years along with the SGAC membership survey 2021 results. This report is intended to give insights on the diversity and status of SGAC registered members but also to understand their expectations vis-à-vis the organisation.

This report provides insights into SGAC Membership from two sources:

- **Membership Database Analysis:** The general overview of the organisation is given by an analysis of the data extracted from the membership database, with 19,089 members as of 31st December 2021.
- **Membership Survey Analysis:** The survey targeted SGAC registered members via the organisation's website, and collected a record of 932 responses. The results shown in this report are indicative of the overall SGAC membership. The survey covered a total of 34 questions, available in the Annex.

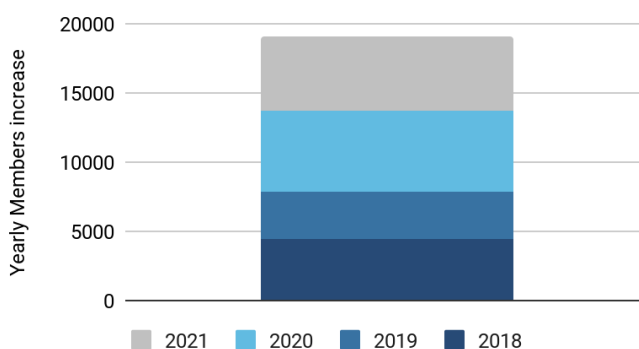
Membership Database Analysis

Membership demographic

Annual Membership Growth

Analysing the SGAC annual membership growth from 2018 to 2021, it is clear that in **2020**, most certainly due to COVID, SGAC registered the highest number of subscribers, with a total of **5,858** new members. In **2021** the trend kept being very positive, with **5,301** new members. This is surely a sign that the organisation is more and more known amongst students and young professionals.

SGAC Members

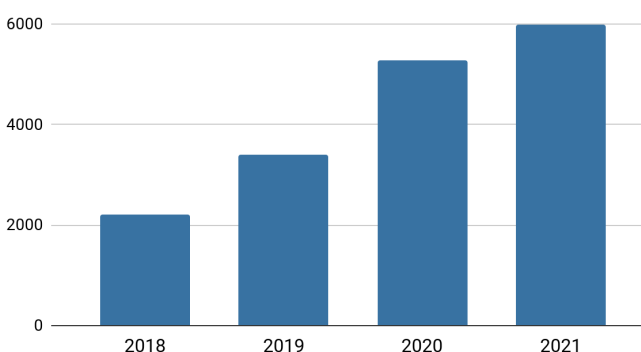


Active Members

Given the constantly growing number of activities going on and opportunities provided to its members, the organisation is having year by year more active members (**5,998 in 2021**).

Additionally, this is a sign of a healthy and nice environment where to “work”/network and spend time, being a volunteers based organisation.

Active members



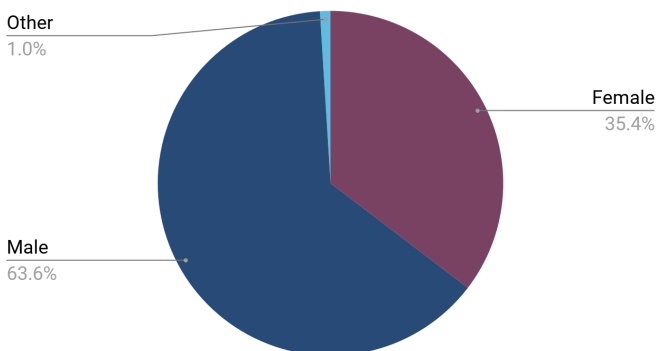
Note: Active members are defined as members who are part of SGAC Teams, Project Groups, attend Events or any other activities organised by the organisation.

Gender Distribution

35.4% of the overall SGAC members are **female**, **63.6%** are **male** and **1%** selected the option **Other** or **Prefer not to say**.

Whereas this is the representation of the gender distribution of the overall organisation from its foundation till now, there are lately way better percentages (also shown below in the report), with even an opposite trend of more women than men depending on the specific project, vacancy or event we take into

Gender distribution

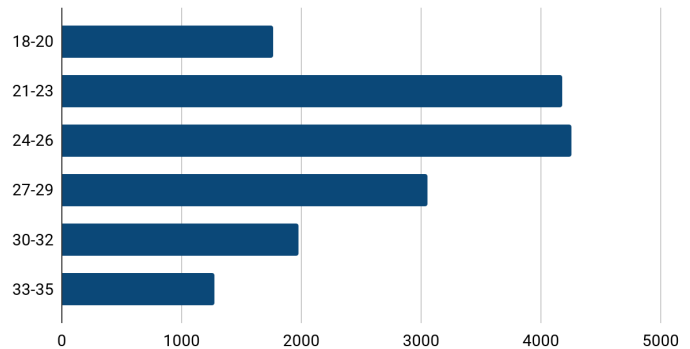


consideration. This is surely thanks to the numerous initiatives SGAC has undertaken, including the Diversity Task Force and the Our Giant Leap Team, now Diversity and Gender Equality Project Group.

Age

Roughly **half of the SGAC members are 21 to 26 years old**, hence still at the university, freshly graduated and searching for a job or just entering in the work environment.

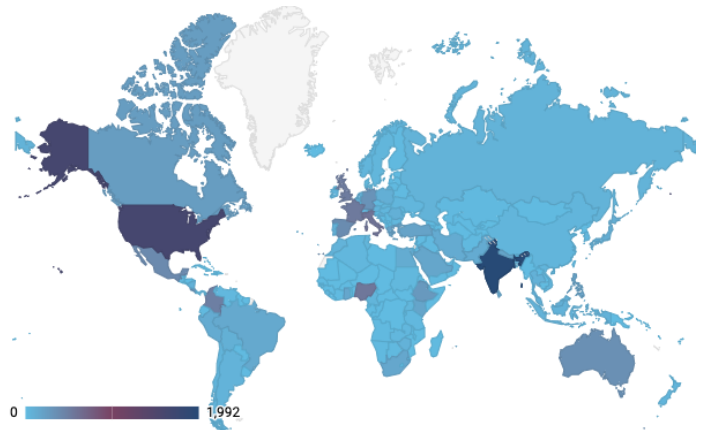
Number of Members per Age Range



Geographical Distribution

Countries

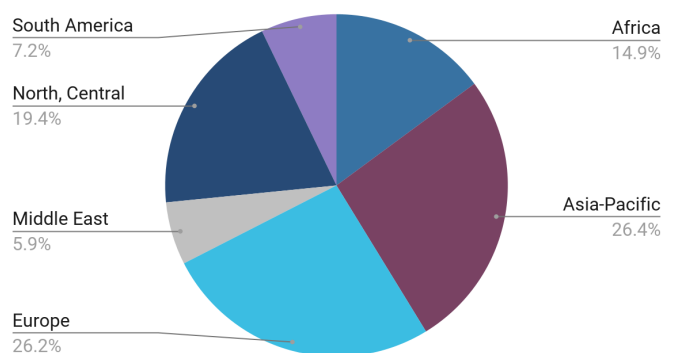
Considering the members' first nationality, SGAC covers a total of **163 countries**, with the top 10 being: India (1,992), United States (1,620), Italy (595), Nigeria (561), France (537), United Kingdom (519), Colombia (492), Mexico (407), Spain (388), Australia (353), Germany (328).



Regions

SGAC is split into **six Regions**, each of those with great assets as well as challenges due to the different market, culture and ecosystem. The Regional Distribution of the SGAC members is shown in the following chart, with **Asia-Pacific** representing **26.4%**, **Europe** with **26.2%**, **North, Central America and the Caribbean** with **19.4%**, **Africa** with **14.9%**, **South America** with **7.2%**, and **Middle East** with **5.9%**.

Regional Distribution



Scholarships

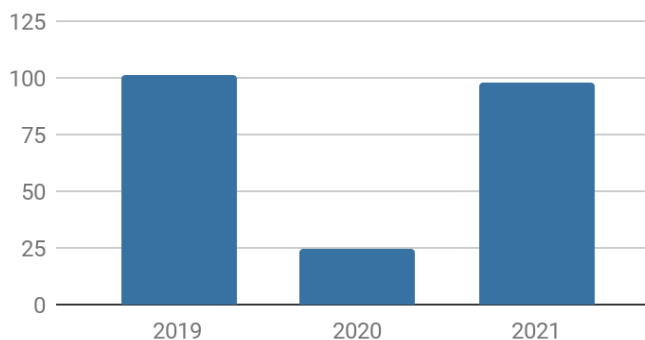
One of SGAC's five pillars is Scholarships. They represent an amazing opportunity for our members, as they provide funding to attend events.

SGAC scholarships are given following the sponsor's criteria or in recognition of the tremendous voluntary work SGAC members do for the organisation.

Yearly Scholarship Winners

The number of scholarships is more or less stable at approximately **100 per year**, with the exception of 2020 due to COVID. Note that 2021 has the same number of scholarship winners as 2019, but some of those are related to an online attendance of events or competitions.

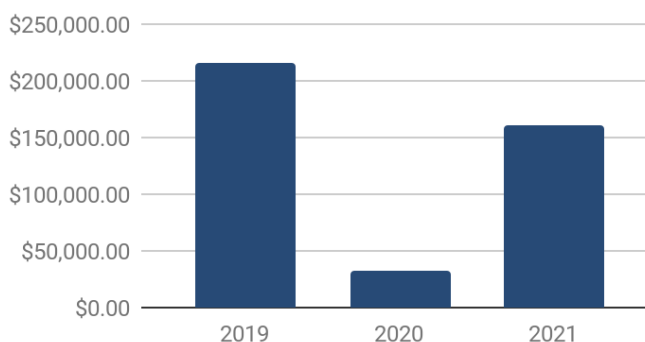
Yearly Scholarship Winners



Yearly Value (USD) Involved in Scholarships

The monetary value of SGAC organised or co-organised scholarships in USD each year is as follows, with **2020 (\$32,524.32)** strongly impacted by COVID and **2021 (\$160,000.00)** still below the **2019 (\$216,050.00)** amount as scholarships for online attendances have significantly fewer expenses.

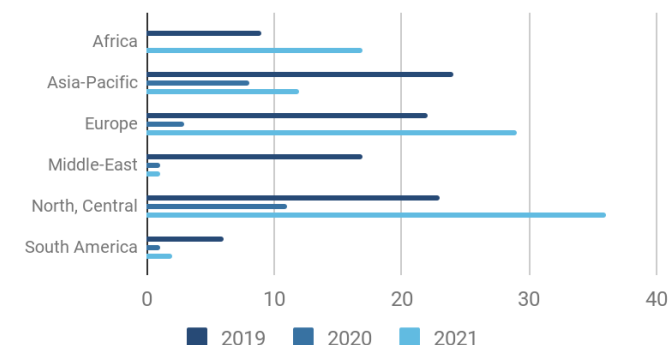
Yearly USD Involved



Geographical Distribution of the Awardees

Although SGAC tries its best to have scholarship winners well distributed amongst its six regions in proportion to the number of members present in each of those, it is, unfortunately, not always possible to achieve, with variation each year depending on the sponsorship and partnership agreement.

Geographical Distribution Scholarship Winners

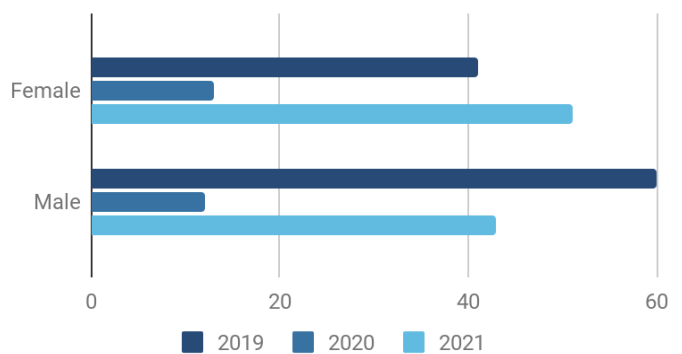


Gender Distribution of the Awardees

The gender distribution is one of the main focuses of SGAC and does generally well to achieve a well proportionate distribution amongst the Scholarship Winners.

To achieve this, as well as a good balance in terms of geographical distribution, the SGAC Scholarships Team always evaluates the scholarship applications based on merit as well as these factors.

Gender Distribution Scholarship Winners



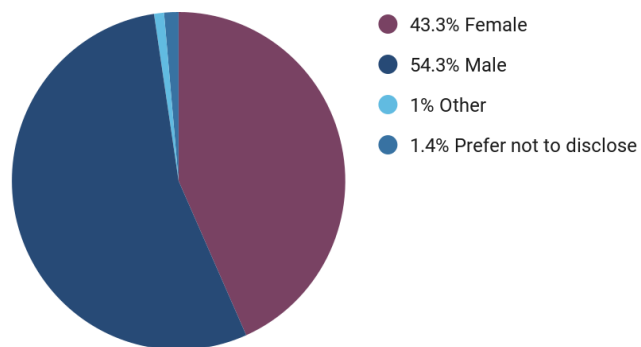
Membership Survey Analysis

Demographics

Gender Distribution

This is a great representation of the gender distribution the organisation has right now amongst its active members. The chart shows the increase of females in the organisation as stated previously.

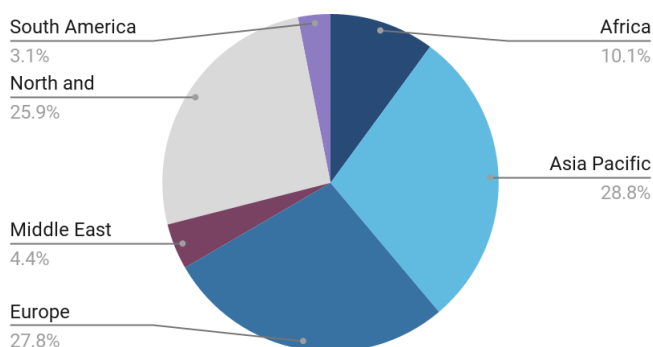
Gender distribution (Survey)



Regional Distribution

The data are similar to the Regional Distribution of the overall SGAC members. This reflects the fact that the organisation's efforts in providing equal opportunities and representation to the different regions are fulfilled and kept being carried on, as SGAC "active members" (the 932 that answered to this survey) have almost the same percentage of representatives per region.

Regional distribution (Survey)

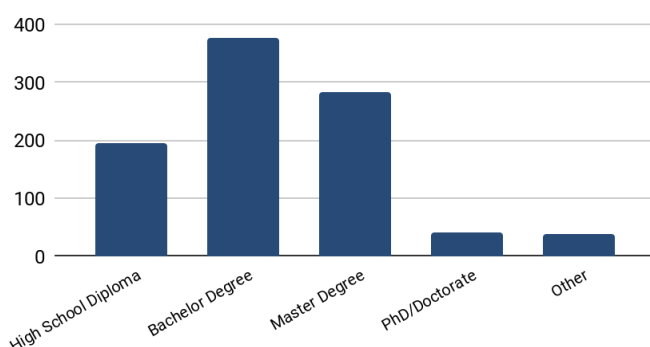


Education & Professional Status

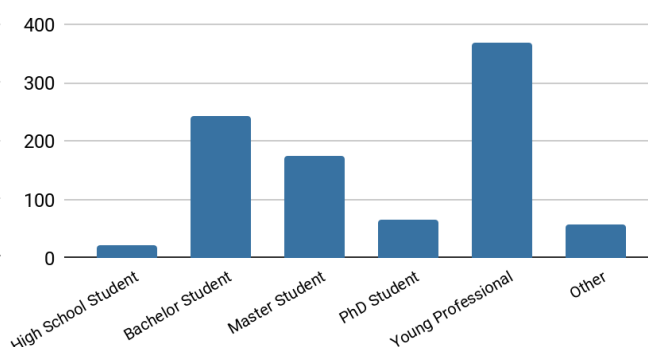
Highest Degree Earned vs. Current Professional Status

The charts below show that the majority of the SGAC members have accomplished at least a **Bachelor's Degree**, following which a majority continue with a Master's Degree, while others directly start working, becoming **Young Professionals**.

Highest Degree Earned



Current Professional Status

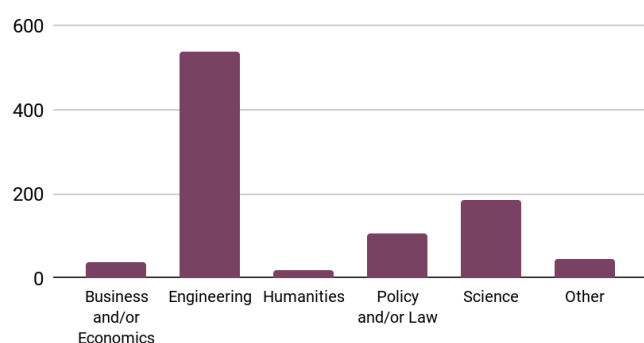


Main Educational Background vs. Background Related to Space

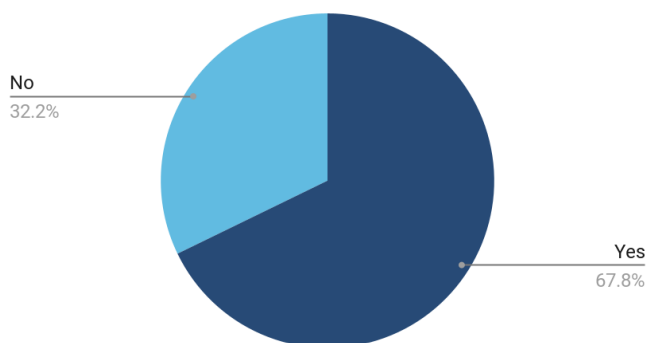
Almost $\frac{2}{3}$ of the SGAC members have an **Engineering background**, followed by Science, and Policy and/or Law. Moreover, almost 67% have a background related to space.

SGAC tries every year to enlarge its public to non-engineers with activities focused on arts, humanities, etc.. to better balance the membership demographic and enrich itself thanks to different backgrounds.

Main Educational Background



Background Related to Space

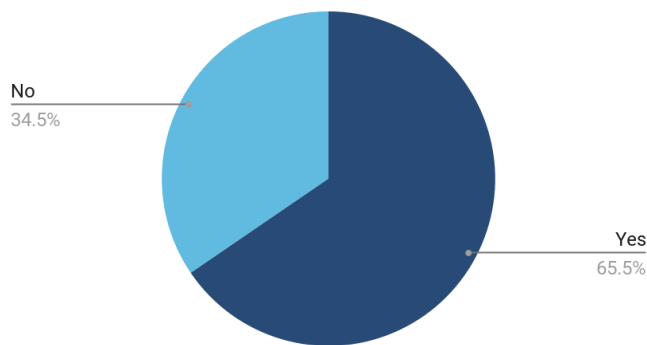


Current and Prospective Employer

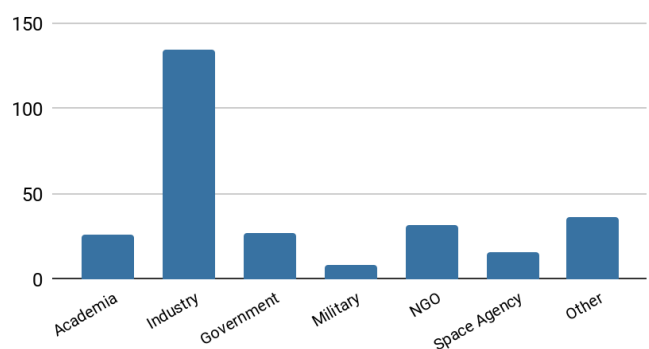
The number of SGAC members having a space background and the one **currently working in the space sector** is almost the same, with **65.5%** for the latter.

Moreover, the majority of the SGAC members work in the **Industry**.

Currently working in the space sector



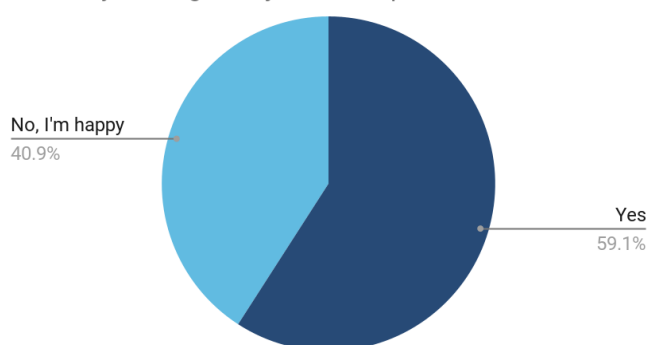
Current employer



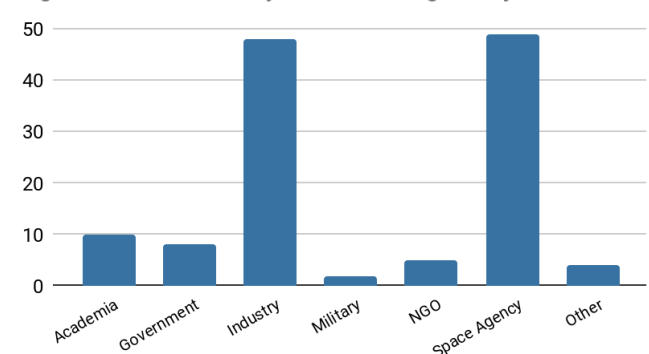
It becomes very interesting to compare the above charts with the following ones, related to in which sector our members are looking for a job and in which type of organisation. For the former, the percentage is very high, as **59.1%** are **looking for a job in the space sector**.

However, the organisation in which they are looking for a job changes substantially, now seeing **Industry** and **Space Agency** evenly, followed by everything else. This probably means that amongst those who have a job in the Industry, many are seeking a job in the Space Agency as their next position.

Currently looking for a job in the space sector



Organization in which you are looking for a job

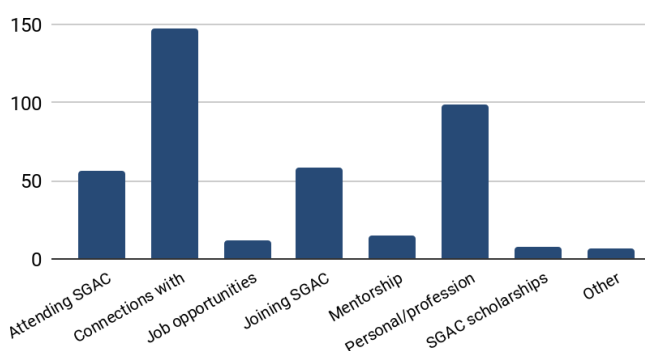


SGAC Engagement and Involvement

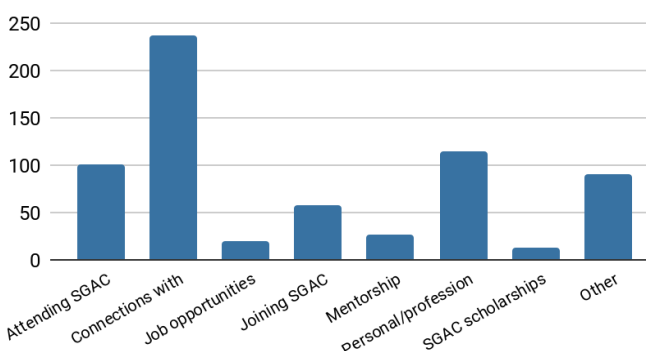
Motivation & SGAC Values

SGAC members join the organisation mainly to: **Connections with the space sector, Personal/professional development, Joining SGAC Project Groups, and Attending SGAC Events.** The majority of the expectations are fully fulfilled by SGAC as per the chart on the right.

Primary motivation to join SGAC



Most valuable thing since joining SGAC



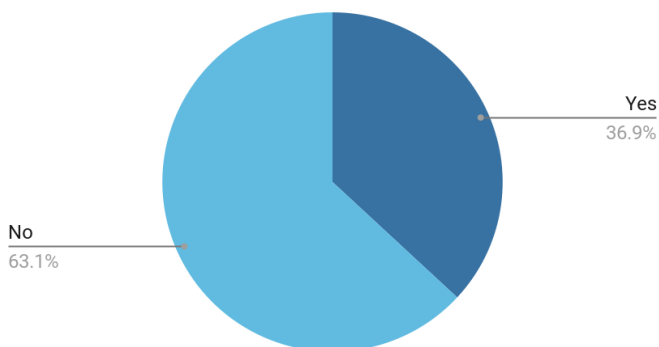
Events Attendance

36.9% of the members filling out the survey have joined SGAC events.

The top three things they enjoyed about these are:

1. **Networking with other students and Young Professionals**
2. **The programme/topics covered**
3. **Networking with sponsors/partners**

Attended any SGAC events

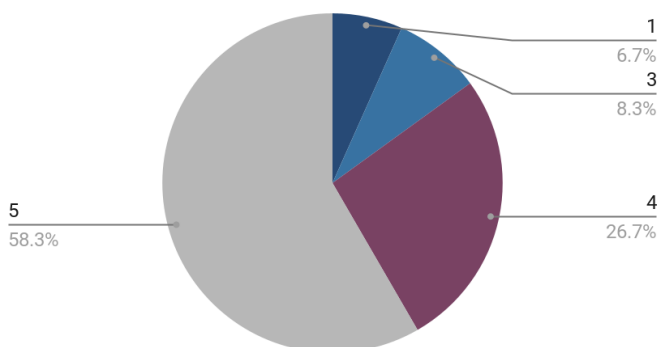


Scholarships

7.3% of the SGAC members have **won SGAC Scholarships** before. The percentage is of course impacted by the fact SGAC offers "only" around 100 scholarships per year.

Almost 60% of scholarship winners evaluate their experience as Perfect, 26% as Good, 8% as Mediocre and 6% as Bad.

Scholarship Winners Experience Evaluation

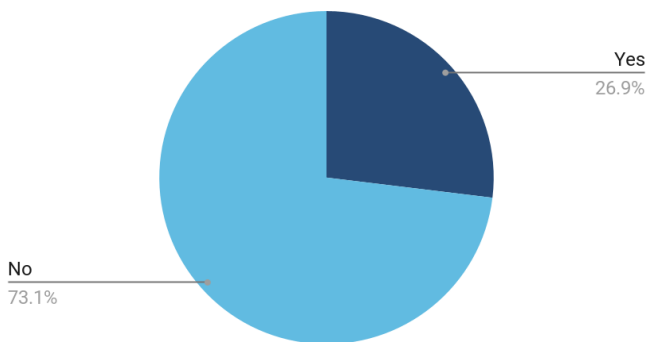


Project Groups

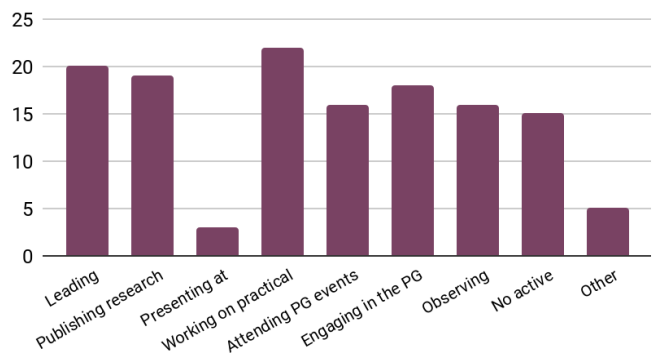
26.9% of the SGAC members are **part of** at least one **SGAC Project Group**.

Their type of engagement is very different and covers all aspects the Project Groups offer to their members based on their interests.

Part of an SGAC Project Group



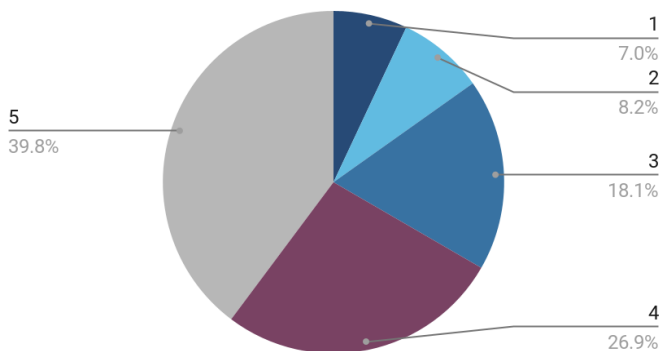
Type of engagement with the Project Group



Vacancy Application

The **22.3%** of SGAC members **applied for SGAC voluntary positions** and they evaluated their experience with the recruitment process as visible in the chart on the right: almost 40% said it is perfect (5/5) and only 7% thought it was bad (1/5).

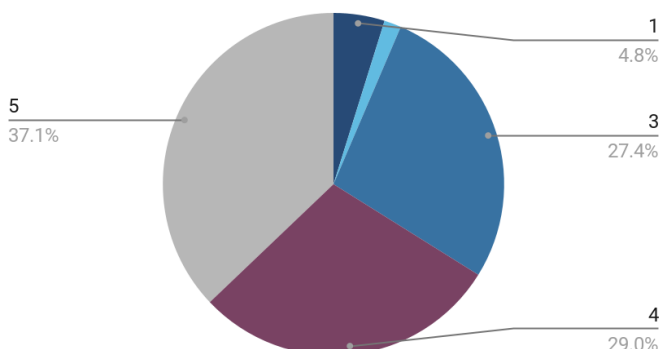
Recruitment Experience Evaluation



Mentoring Programme

The **10%** of SGAC members **used the Mentoring Programme** and they evaluated their experience as visible in the chart on the right: 37.1% said it was perfect (5/5) and 4.8% said it was bad (1/5).

Mentoring Programme Experience Evaluation

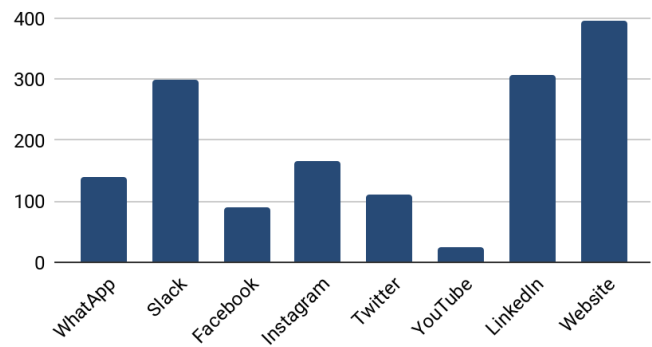


PR & Communications Channels

SGAC uses many different platforms to communicate with its members and spread information.

Amongst all of those, the most efficient/used ones are **Website**, **LinkedIn** and **Slack**.

PR&Comms Most Used Channels



ANNEX: Questionnaire

ID	Question
1	Gender
2	From which Region are you from?
3	Highest Degree Earned
4	Is your academic background related to space?
5	Main Educational Background
6	Current Professional Status
6.1	Are you currently working in the space sector?
6.2	Your employer is
7	Are you currently looking for a job in the space sector?
7.1	In which type of organisation are you looking for a job?
8*	Do you have an active SGAC E-Mail Account?
9	What was your primary motivation to join SGAC?
9.1*	If you had another motivation, please specify
10	Since joining SGAC, what has been most valuable to you?
10.1*	If other, please specify
11	Have you attended any SGAC events?
11.1	What have you enjoyed the most about the event(s)?
11.2*	Any suggestions on things to keep on doing, stop doing or start doing?
12	Have you ever won an SGAC Scholarship?
12.1	How would you rate your experience as a scholarship winner? (Event attended, conditions, reimbursement process, etc.)
13*	In general, what could SGAC improve for its scholarships?
14	Are you part of any SGAC Project Group?
14.1	How do you engage with SGAC Project Groups?
15*	In general, what could SGAC improve for its Project Groups?
16	Have you applied for any SGAC Team position in the past 12 months?
16.1	How would you rate your recruitment experience?
17	Have you used the SGAC Mentoring Programme?
17.1	How would you rate the Mentoring Programme experience?
18*	How would you rate the SGAC Website?
19*	In general, how could SGAC improve its website?
20	What are the SGAC PR&Comms channel interfaces you use the most?
21*	In general, how could SGAC improve its PR&Comms activities?
22*	What else should be improved at SGAC?
23*	Please provide any feedback/comment on something not covered above

*These questions were asked for purely internal use. The answers are not published in this report, but they have been shared with the respective teams or responsible person who took note of all feedback and comments.

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spacegeneration.org