UNOOSA

Space for Women - Project

SIMONETTA DI PIPPO, DIRECTOR

03 October 2018
IAF IDEA “3G” Diversity Day
When do girls like science?

The age girls gain interest in STEM, a 2017 survey found.
When do they lose interest?

The age girls lose interest in STEM, the same survey found

Search: ‘Why don’t European girls like science and technology?’
The main reasons why girls lose interest in STEM

- No hands-on experience
- Lack of female role models
- Gender disparity is discouraging
What keeps them going?

- Capacity Building
- Mentorship
- Awareness Raising
UN Office for Outer Space Affairs

Vision

*Bringing the benefits of space to humankind*

Mission Statement

The core business of the Office is to promote

*International Cooperation*

in the use of outer space to achieve
devvelopment goals

STS-131 and Expedition 23 crew members
Roles of UNOOSA

**CAPACITY-BUILDER:** UNOOSA brings the benefits of space to humankind by building space capacity of non-space-faring countries.

**GLOBAL FACILITATOR:** UNOOSA plays a leading and facilitating role in the promotion of the peaceful uses of outer space.

**GATEWAY TO SPACE:** UNOOSA is the main UN agency on space matters and facilitates the coordination of UN activities using space-related technology to improve the human condition globally.
Space and SDGs

All countries and all stakeholders act in **collaborative partnership** to **implement the 2030 Agenda** for Sustainable Development.

**UNOOSA** is currently developing new approaches to address the targets enshrined in the SDGs.

**One joint vision** has to be employed to protect space as a limited resource **for the benefit of humankind**.
Women in STEM & Space

- Only 1 in 5 countries have achieved gender parity in STEM researchers
- The world average – 30 per cent
- Space industry women workforce – 20 per cent
UNOOSA’s programmes and initiatives are designed to provide capacity-building, education, research and development support and technical advisory services to countries. These have all helped to reduce the gap between the industrialized and developing nations.

“By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship”
UNOOSA is working on a dedicated **Space for Women Project**. Its objectives are to strengthen and deliver targeted capacity-building and technical advisory activities, and promote efforts to encourage women and girls' involvement in STEM education.

“Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women.”
Let's make space work for the development of women

Let's make space in the aerospace industry and STEM fields for women

Let's make the Space for Women project together
We have a lot to do to make "Space for Women", and I am committed to getting it done.

Simonetta Di Pippo
International Gender Champions, Vienna, June 2017
Making ‘Space for Women’ a reality?

October 2017, New York
UNOOSA and UN Women co-host a three-day Space for Women Expert Meeting.

‘Space for Women’ is really a gender mainstreaming project where we will like to work with Member States; not only for STEM education but also to help young girls when they graduate to then find their place in their own society without being obliged to leave their own country.

- Simonetta Di Pippo, UN News, 4 October 2017
What can women do for space?

How to attract more women to space?

What more can space do for women?

What do women need from space?

Space for Women Project
Targeted Areas for Change

1. Institutional / Industry
   - What?
     - Internal Structures
     - Policies
     - Procedures
     - Organisational effect

2. Enabling Environment
   - What?
     - Rules, Laws, Policies,
     - Social Norms
     - Stereotypes
     - Communication

3. Individual (shaped by 1 + 2)
   - What?
     - Skills
     - Experience
     - Knowledge
## Making ‘Space for Women’ a reality – Next steps

### Space for Women Platform
- Central hub for global initiatives under the UN roof for exchange, communication and coordination

### Space for Women Champions Network
- Global Network of role models and mentors to promote careers in STEM and the Space Sector

### Space for Women Research
- Research on various aspects of women in STEM and Aerospace for evidence based awareness raising

### Space for Women Institutional Capacity Building Mission
- Team of experts to assess the institutional and enabling environment in a pilot country second half 2019

### Space for Women Forum
- Capacity building and awareness raising forum in India or Canada first half 2019
Beyond UNOOSA

“Achieving gender equality and empowering women and girls is the unfinished business of our time, and the greatest human rights challenge in our world.”
- UNSG António Guterres, 2018 International Women’s Day

It is disappointing that, in the 21st century, and in fields like the space sector, which is known for breaking boundaries, we are still not making the most of what women have to contribute.
- Director Simonetta Di Pippo, launching International Gender Champions at Vienna, June 2017

The main goal of Women in Aerospace is to improve the representation of women in aerospace and also to help the youngest to find their own career path.
- Director Simonetta Di Pippo, launching International Gender Champions at Vienna, June 2017

Women in Aerospace Europe
THANK YOU