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TAKING THE PULSE OF OUR PLANET FROM SPACE









Women and girls in STEM education: insights from Women in Copernicus survey

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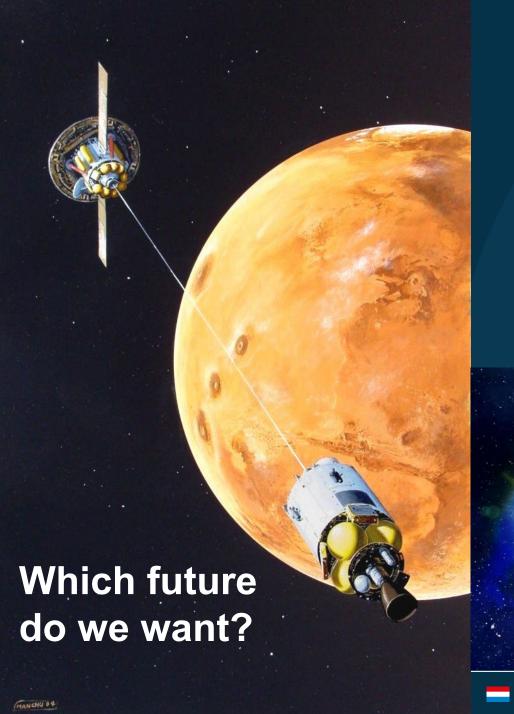


We are all differents



« It is easier to break an atom than a prejudice »
A. Einstein





Planet Mars or Planet Earth? What do we offer to our childs?





Why you and me? A challenge for us!

Inequality exists



Women in the EU earn on average 16% less than men per hour



Only 67% of women in the EU are employed, compared to 78% of men

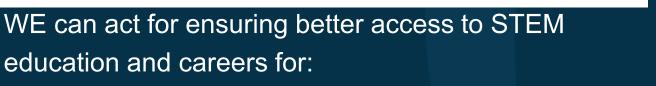


On average, women's pensions are 30.1% lower than men's pensions



75% of unpaid care and domestic work is done by women 90% of future jobs will require STEM-related skills

A diversity of skills leads to greater innovation success > in EO, in EU!



- 🖰 Human rights (SDG)
- Scientific Innovation
- Development perspectives

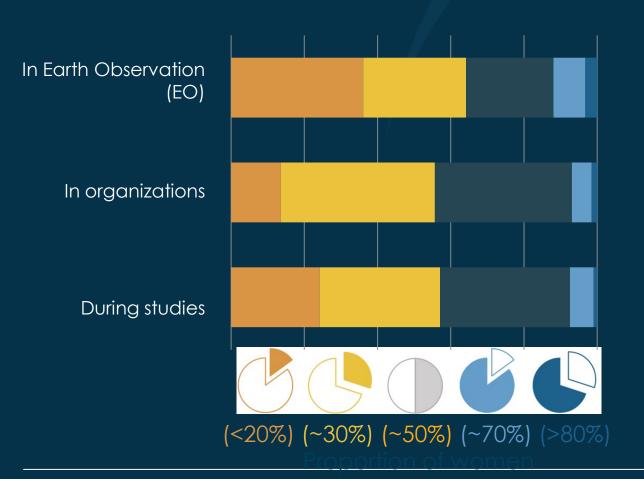


"Gender equality is a core principle of the European Union, but it is not yet a reality. In business, politics and society as a whole, we can only reach our full potential if we use all of our talent and diversity. Using only half of the population, half of the ideas or half of the energy is not good enough."

President Ursula von der Leyen



It is difficult to be a women in EO or to imagine working in EO for a young girl





Boys clubs Male oriented events The only women at the board



WOMEN IN COPERNICUS



www.womenincopernicus.eu

Nathalie Stéphenne, Public Service of Wallonia





Why WIC?

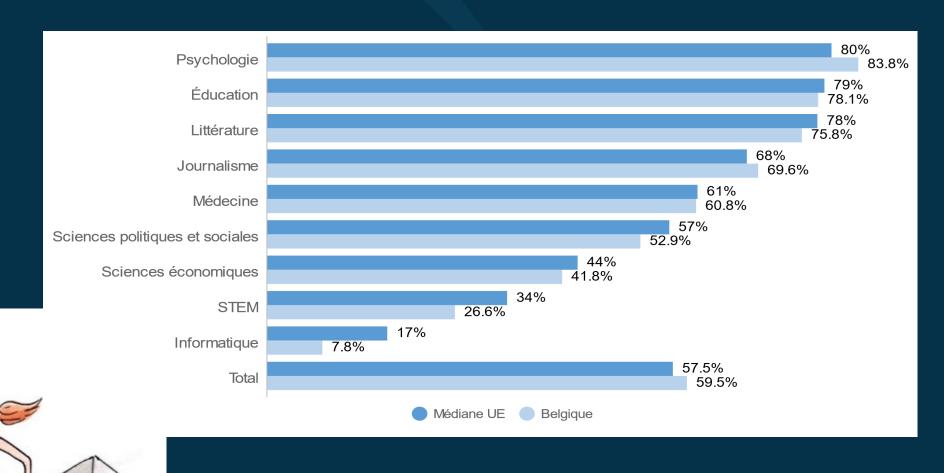
Survey and research

Actions for the future

Most and less chosen studies



53% of young girls are convinced that they will never perform as well as boys (Microsoft, and KRC Research)



Imbalance in the working force





- 86.6% of women are employed in the service sector
- Health and social actions branches bring together 42.5% of working women
- 88% of the nursing staff is female



- 93% of the secretaries are women
- 98% of the technicians are male

Adding women on the picture?











Women are part of the Copernicus experience But they are not always visible ... or not enough!

Give women in Copernicus a voice and face

Find possible solutions for gender-balance in Copernicus

Inspire girls and young women by bringing women to the forefront Copernicus



What about Women in Copernicus/EO*GI sector?

This underrepresentation of women is visible in the field of Earth Observation - Geoinformation Sector (EO*GI)







2020 and 2022 : Global surveys about

- background, career, barriers, facilitators and educational choices for by women working in Copernicus
- 450 answers in 2020
- 200 new participants > 80 men



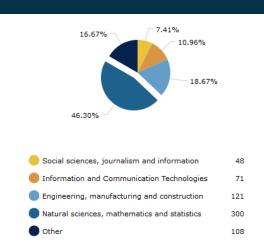
Women are an important part of the Copernicus ecosystem

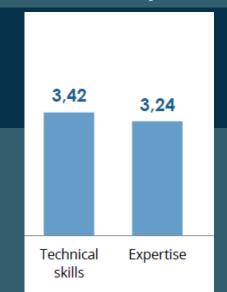
Mainly STEM background

High educational level, expertise and level of technical skills

Proud and satisfied with jobs within the Copernicus ecosystem



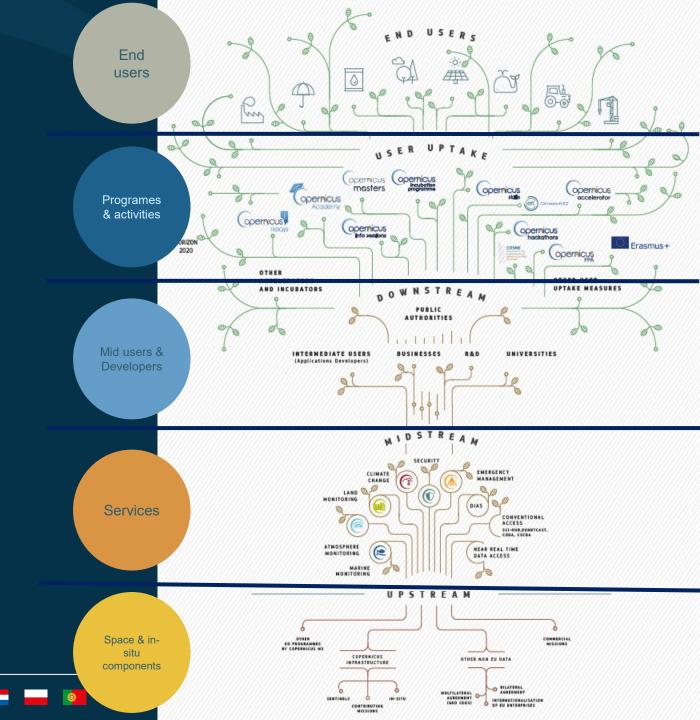


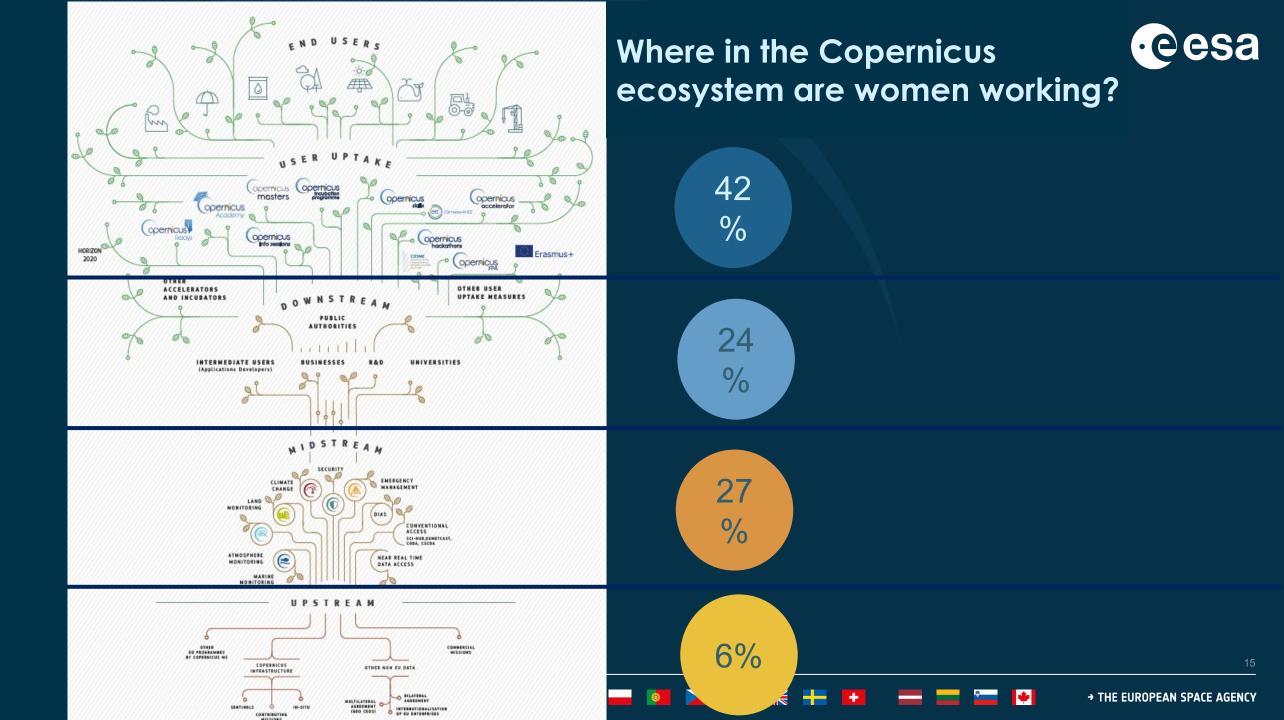


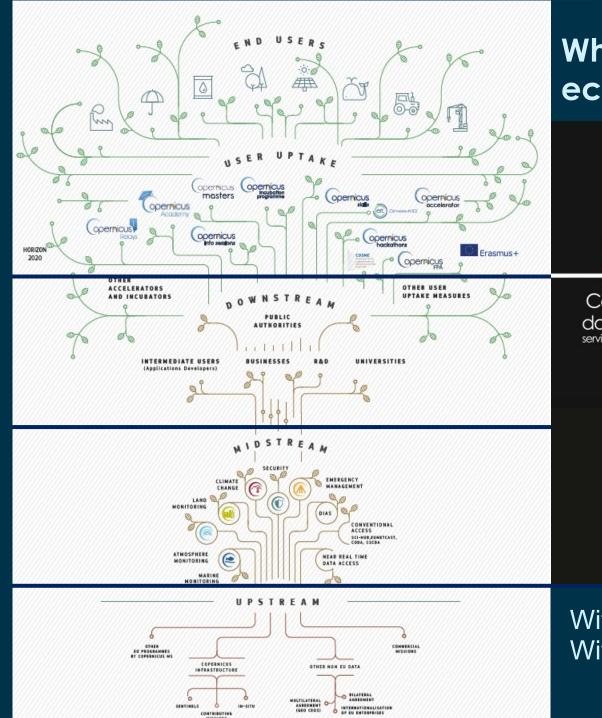


In COPERNICUS

- freely available EO and in-situ data
- focus on user-uptake







Where in the Copernicus ecosystem are women working?

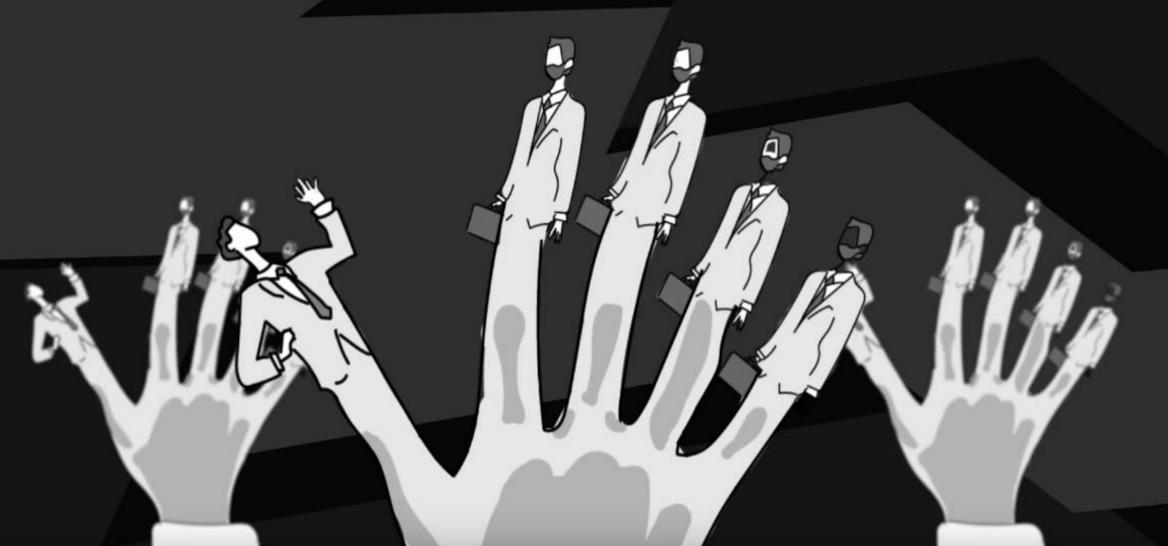




This is a strength!

With a high interest in **support and application**With aim of being **useful**, solve **societal challenges**

Being a minority is still the main barrier identified by the women taking this survey



Main barriers

What I have seen in the Middle East and in Europe is that there are women studying in STEM, but they somehow disappear in minor roles afterwards





Gender imbalance

Gender bias

Lack of self-confidence

Motherhood

3,58

3,47

3,34

We, women in Science, have to work harder to get the same recognition as our male colleagues



3,19

Maternity leave and motherhood introduces a gap in a career (will I have the same position or projects when returning?). Working part-time affects credibility, appreciation and position in the company

In the past, when I was working in the private sector, the maternity was perceived as a showstopper, and the









It's still difficult to occupy a leading position as a women in the Copernicus field!

From WIC to future







Implementation of policies to achieve gender balance in Copernicus-related workplaces

Empathy in the management & team working

Mentoring and coaching with female & men actors





Visibility of role models and existing women

Networks of Women dedicated to exchange
personal experiences and expertise

Together and everyone





to attain this vision

Everyone's involvement offering a safe work

environment and attracting or keeping talents



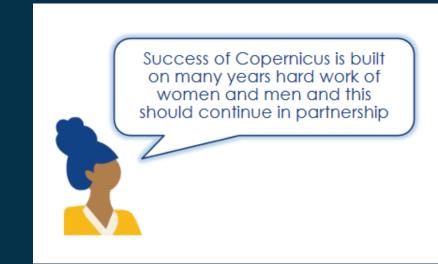






Taking care of women's motivations and their working conditions is an investment in the future of Copernicus!

involvement of highly skilled women foster user-uptake of Copernicus data and service





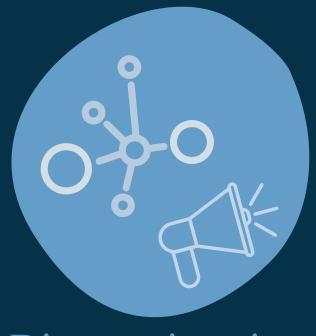
Involving men as allies: low answer rate



2020

Survey 1.0

2021



Dissem in a tion of results

2022



Survey 2.0



Videos



ÜBERSICHT

Uploads

► ALLE WIEDERGEBEN

VIDEOS

24 Abonnenten

Women in Copernicus



Build a common future for Copernicus



PLAYLISTS

WTAC#4 - Women talk about Copernicus - "Copernicus is...



DISKUSSION

KANÄLE

WTAC#3 - Women talk about Copernicus - "Gender bias"



KANALINFO

Q

WTAC#2 - Women talk about Copernicus - "Copernicus is...



WTAC#1 - Women talk about Copernicus - "Copernicus in...



WTAC#5 -Women talk abouWomen in Copernicus -Copernicus - "Copernicus isWomen are part of...

ABONNIERT





Events

- Scientific events with round table with men
 : EUROGI, Copernicus Cob Hub, IGARSS
- Gender events : GEHE, Comité files et femmes de Sciences
- Webinars for students
- Bridges between women initiatives : stronger together and among us
- Girls days for science in universities
- Podcast in Brittany
- Social media : twitter/linkedIn / Intagram
- Copernicus Observer : two editions



25/02/2021

WiC at the "Women in GI" IRLOGI / EUROGI webinar Check the webinar flyer for more info.



9/12/2020

WiC at the European Space Week - session "Space for Equality, Diversity & Inclusion" Check the presentation of the session.



25/11/2020

WiC at the Copernicus Academy and Relays General Assembly Have a look at the agenda and check the presentation.



5/11/2020

WiC at the CoRdiNet - CopHub.Ac Joint Final Event "A hitchhiker's guide to digitalisation in Europe - the detour through Space"

Watch recording



6/10/2020

Space Girls Space Women (Nereus) - WiC pitch during SGSW Nereus websession

Watch recording



24/09/2020

WiC at EOcafe (EARSC) - Presentation of preliminary results and debate on Women in Copernicus

Watch recording







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Thanks to all WIC participants





We are not alone. We are a lot! And you?



- **G+** subscribe per mail at website
- join group: Women in Copernicus
- channel: Women in Copernicus

