

SHE in STI

Addressing the gender gap in
Science, Technology and Innovation:
Select initiatives from UN system entities





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Introduction

This brochure is presented by the Gender & Science, Technology, and Innovation (STI) Group of the United Nations Interagency Task Team (IATT) on STI for the Sustainable Development Goals. It aims at showcasing the diversity of initiatives and approaches of 14 IATT member entities, each within its corresponding mandate, towards empowering and accelerating women's participation in STI fields. The contributing UN entities are the following:

The International Atomic Energy Agency (IAEA), International Centre for Genetic Engineering (ICGEB), International Trade Centre (ITC), International Telecommunications Union (ITU), United Nations Economic for Latin America and the Caribbean (UN ECLAC), United Nations Economic and Social Commission for Western Asia (UN ESCWA), United Nations Conference on Trade and Development (UNCTAD), United Nations Educational, Scientific and Cultural Organization (UNESCO), United Nations Children's Fund (UNICEF), United Nations Industrial Development Organization (UNIDO), United Nations Office for Outer Space Affairs (UNOOSA), United Nations Population Fund (UNFPA), World Food Programme (WFP), and World Intellectual Property Organization (WIPO).

The **UN Interagency Task Team on STI for the SDGs** is mandated to promote coordination, coherence, and cooperation within the UN System on STI related matters, enhancing synergy and efficiency, in particular to enhance capacity-building initiatives.

We hope for this brochure to inspire other stakeholders to support the acceleration of efforts towards closing the gender gap in STI.





Gender and Science, Technology and Innovation

A work stream of the IATT on Gender and Science, Technology and Innovation was formed in 2018 with the purpose of increasing synergies and collaboration among the UN, its agencies, funds and programmes on issues pertaining to STI and gender.

By providing an informal working-level platform to connect the interested entities in the IATT, allowing for sharing information and experiences, the Sub-Group would provide an urgently needed impetus for enhanced collaboration and exploration of possible joint activities that would use synergies among IATT members to add value to the work of individual UN entities. This year, we are pleased to welcome the United Nations Population Fund (UNFPA) as the newest member of the IATT on Gender & STI.

International Atomic Energy Agency (IAEA)



The International Atomic Energy Agency is the world's central intergovernmental forum for scientific and technical co-operation in the nuclear field. It works for the safe, secure and peaceful uses of nuclear science and technology, contributing to international peace and security and the United Nations' Sustainable Development Goals.

Gender & STI Initiatives

The IAEA Marie Skłodowska-Curie Fellowship Programme

The IAEA Marie Skłodowska-Curie Fellowship Programme (MSCFP) was launched in March 2020 with the aim to increase the number of women in the nuclear field.

The programme provides a monetary scholarship, to selected female students from IAEA Member States, enrolled in Master's programmes in a nuclear related field, as well as internship opportunities facilitated by IAEA. Fields of study include nuclear energy and other applications, nuclear safety and security, non-proliferation as well as nuclear law.

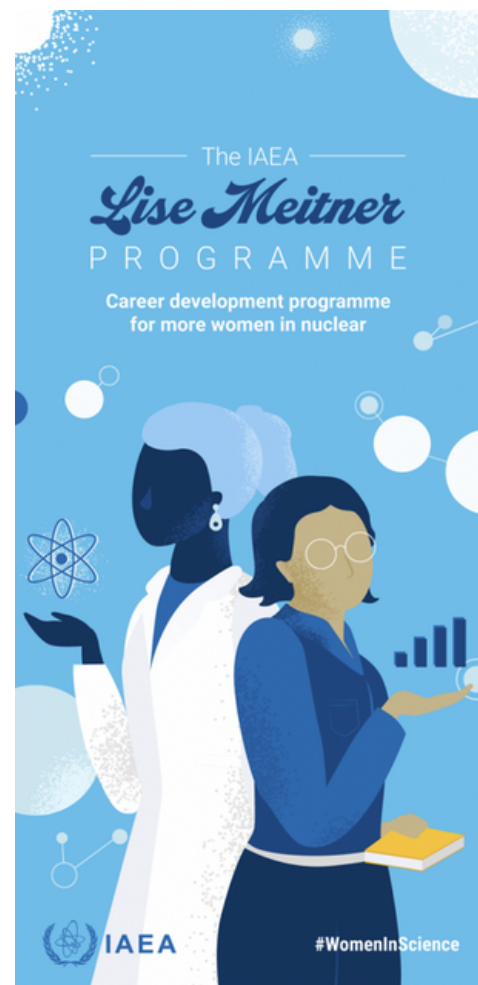


MSCFP is envisaged as a long-term initiative, growing with each selection cycle and ensuring that more women can pursue master's studies in nuclear related field. It is funded by extra budgetary contributions, including in-kind contributions. As of end of 2022, donors include the European Union, 21 Member States, two Member State institutions, two private sector partners and one academic institution.

Find out more at: www.iaea.org/services/key-programmes/iaea-marie-sklodowska-curie-fellowship-programme

The IAEA Lise Meitner Programme

The IAEA Lisa Meitner Programme (LMP) provides early and mid-career women professionals with opportunities to participate in a multiweek visiting professional programme and advance their technical and soft skills. Named after Austrian-Swedish physicist Lise Meitner, the visiting professional programme aims to boost women career development in the nuclear sector, in particular in the nuclear energy field. The programme includes professional visits to various nuclear facilities, such as but not limited to, facilities under construction, operation or decommissioning, research centres, scientific institutions, laboratories, industry sector and start-up companies.



Find out more at: www.iaea.org/services/key-programmes/lise-meitner-programme

International Centre for Genetic Engineering and Biotechnology (ICGEB)



The International Centre for Genetic Engineering and Biotechnology - ICGEB is an independent intergovernmental organisation with HQ in Trieste (Italy) and additional laboratories in New Delhi (India) and Cape Town (South Africa). As of today, it counts 66 Member States and 19 signatory countries. The ICGEB is a not-for-profit IGO – any revenues generated are re-invested in research and in the funding programmes for capacity building in its Member States. The Vision of the ICGEB is to be the world's leading intergovernmental Organisation for research, training, and technology transfer in the field of Life Sciences and Biotechnology. Its Mission is to combine scientific research with capacity enhancement, thereby promoting sustainable global development.

Gender & STI Initiatives

The PhD and Postdoctoral training scheme for Women Scientists in Africa (WE-STAR), launched by ICGEB, funded by the Italian Ministry of Foreign Affairs and International Cooperation. The fellowship recipients conducted research at the ICGEB laboratories in New Delhi, Cape Town, and Trieste with mentoring by ICGEB Principal Investigators

Importantly, the scheme also provided for 4 ICGEB Collaborative Research Programme (CRP) grants to be assigned to Principal Investigators in Africa, allowing their regionally relevant research projects to obtain and consolidate the laboratory equipment and human resources necessary to get them off the ground. The ICGEB



CRP grants, which allow for sustainability in the awardees' countries of origin, are awarded increasingly to Women PIs (women constituted 52% of the total grant awardees in 2022).

Find out more at: www.icgeb.org/we-star-phd-andpostdoctoral-training-scheme-for-women-scientists-in-africa.

The EMPOWER Programme offers early-career female scientists from the Global South exchange visits to the ICGEB laboratories in New Delhi and Cape Town or other institutions based in an ICGEB Member State, to perform research work on biotechnology and related fields, including Health (Infectious Diseases and Non-Communicable Diseases), Sustainable and Effective Agriculture, Industrial Biotechnology and Renewable Energy. **Find out more at: www.icgeb.org/icgeb-and-unossc-empower-fellowship-program.**

In 2022, the selected fellows underwent courses and seminars meant to strengthen their complementary soft skills, such as science communication, drafting scientific articles, knowledge of intellectual property rights, digital sequencing information, in vivo research ethics and biosafety.

In South Africa, ICGEB Cape Town supported by the Government of the Republic of South Africa, in partnership with the Department of Science and Innovation (DSI), has recently launched the **ICGEB South African Women in Biotechnology Programme**, which supports PhD and Postdoctoral South African women scientists to carry out their research in the state-of-the-art ICGEB laboratories in Cape Town, South Africa. This Programme also promotes the interaction and mobility of South African women biotechnology researchers and the ICGEB community, through research visits to the ICGEB Components in Italy and India. **Find out more at: www.icgeb.org/women-in-science.com**



International Trade Center (ITC)



The International Trade Centre (ITC) is the joint agency of the United Nations and the World Trade Organization (WTO) supporting small businesses from developing countries to become more competitive and access international markets. ITC works closely with partners along global value chains, business support institutions and policymakers.

Gender & STI Initiatives

The ITC launched the **SheTrades Initiative** to remove barriers to women's participation in trade by working with governments, the private sector, and entrepreneurs to build the business capacities of women and to create a fairer, more sustainable global economy. SheTrades Initiative provides women entrepreneurs and producers with access to key knowledge, resources, and networks, support policymakers on inclusive policy reforms, and leverage public and private partnerships to amplify the impact of their work.



UN and WTO joint agency initiative **connecting women to markets.**



Since our inception in 2015, we have implemented projects in **38 countries.**



Directly supported a network of over **100,000** women-led businesses.



Global network of over **250** partner organisations from **65 countries.**



Technical expertise in facilitating trade, improving competitiveness of women and integrating the business sector of developing countries into the global economy.



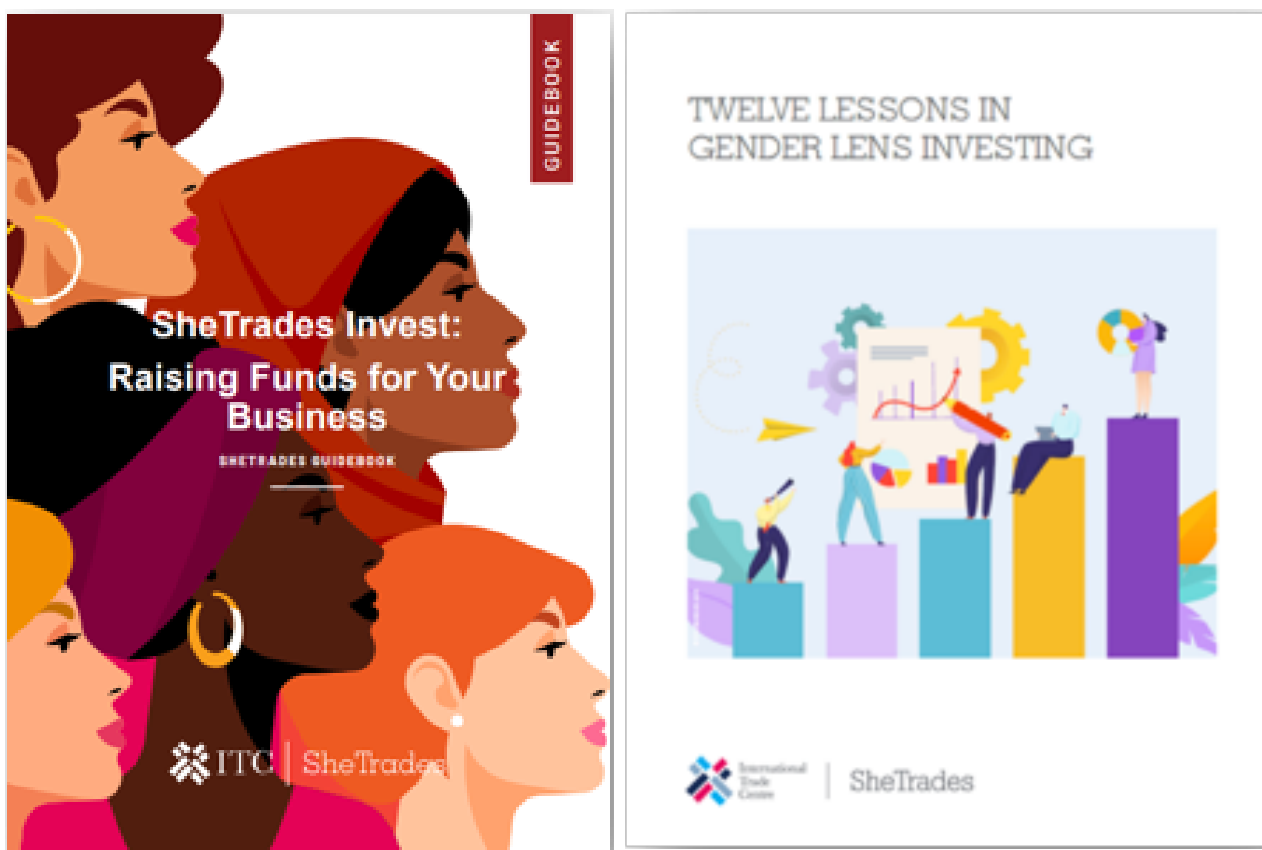
Partners with private sector and governments to improve services and policies for women and build a **conducive ecosystem** for women to trade and foster gender equality.

Find out more at: www.SheTrades.com.

Allowing women entrepreneurs to:

- Network - connect with other women entrepreneurs and establish business connections
- Access free ITC trade tools to navigate export markets
- Stay up-to-date with SheTrades news, success stories, videos, publications, and events.
- Access e-learning programme, virtual learning (VLS), webinars, and market tools.

SheTrade's recent publications providing information on women, gender, and trade include:



Reach out to: womenandtrade@intracen.org to learn more.

International Telecommunication Union (ITU)



ITU is the United Nations specialized agency for information and communication technologies (ICTs) committed to connecting all the world's people – wherever they live and whatever their means. We allocate global radio spectrum and satellite orbits, develop the technical standards that ensure networks and technologies seamlessly interconnect, and strive to improve access to ICTs to underserved communities worldwide.

Gender & STI Initiatives

Together with the Enhanced Integrated Framework (EIF) and the United Nations Office for Project Services (UNOPS), ITU runs a project to enhance access to digital technologies and build digital skills for women in Burundi, Ethiopia and Haiti. The aim is to improve the policy and regulatory environment and thus increase governments' ability to mainstream gender and ICTs, as well as to enhance the economic and professional opportunities of working-age women by equipping them with digital skills.

Regional coding camps and workshops, such as African Girls Can Code Initiative (AGCCI) and Americas Girls Can Code (AGCC), aim to train and empower girls and young women to become computer programmers, creators and designers who will act as role models in STEM and create an online community for sharing coding experiences.

The **Women in Cybersecurity Mentorship** programme seeks to inspire, train and empower women in cybersecurity. The current pilot programme is open to women in Africa and Arab regions working in cybersecurity at junior levels, as well as women in ICT/STEM seeking to enter the cybersecurity workforce.

EQUALS Global Partnership

EQUALS is a ground-breaking global network of over 100 partners, including governments, companies and NGOs, who have committed to work together to improve women's access to technology, build relevant digital and STEM skills, and promote female leadership in the tech sector. Established by ITU, UN Women, the International Trade Centre, GSMA and the United Nations University, EQUALS provides a holistic, data-driven, and multidisciplinary approach to achieving gender equality in tech.

Key Objectives:

- Reverse the increasing gender digital divide
- Every year, the EQUALS Global Partnership presents the **#EQUALSinTech Awards** to initiatives, projects, movements, organizations and institutions around the world working to help girls and women gain equal internet access, digital skills and opportunities in the tech industry.
- **EQUALS Her Digital Skills** was co-founded by EY, GSMA, ITU and W4, and it aims to design and provide access to free, gender transformative, foundational digital skills training, e-skills badges, and e-mentoring for one million women and girls by 2026. The initiative brings together three EQUALS projects into one comprehensive program: Her Digital Skills workshops, EQUALS Badges, and e-mentoring.

Find out more at: www.equalsintech.org/



Girls in ICT

The ITU-led International Girls in ICT Day is a flagship global effort to raise awareness, empower and encourage girls and young women to consider studies and careers in STEM. Since its launch in 2011, more than 377,000 girls and young women have taken part in over 11,400 celebrations in 171 countries worldwide. Governments, national ICT regulatory authorities, ICT companies, academic institutions, UN agencies, and NGOs across the world are all encouraged to join the movement and celebrate International Girls in ICT Day.

Key Objectives:

- Encourage girls and young women to pursue STEM education.
- Inspire girls and young women to work in STEM careers.
- Engage the community and promote collaboration through partnerships.

Find out more at: www.itu.int/women-and-girls/girls-in-ict/

Talking Tech: Girls and Women in ICT

In support of the Girls in ICT Day and of the EQUALS, the ITU, UNICC and the Office of the UN Secretary-General's Envoy on Youth are collaborating on a series of online interviews by girls and young women in technology in conversation with women in technology that are leaders and/or further on in their careers. This project aims to achieve the goal to have participates from all 193 UN Member States. By 2022, more than 400 girls and women had been matched to share experiences from across the world, and more than 180 interview videos had been published to showcase a broad range of ICT jobs and career paths.

Key Objectives:

- Inspire girls/younger women with information about a range of ICT careers and encourage them to pursue ICT studies or careers.
- Raise the visibility of role model women in tech, share information about their career journeys and work.
- Share good practices on how ICT is being used to support the achievement of the Sustainable Development Goals and other UN goals.

Find out more at: www.equalsintech.org/talking-tech/



United Nations Economic Commission for Latin America and the Caribbean (UN ECLAC)



UNITED NATIONS



ECLAC, which is headquartered in Santiago, Chile, is one of the five regional commissions of the United Nations. ECLAC promote the economic, social and environmentally sustainable development of Latin America and the Caribbean through international cooperation, by undertaking research, technical cooperation, as well as advisory services in support of regional development efforts. The ECLAC Division for Gender Affairs support the strengthening of Governments capacity to implement gender equality policies; to produce gender statistics, and disseminates updated information particularly through the Gender Equality Observatory for Latin America and the Caribbean.

Gender & STI Initiatives

1. Technical secretariat for Governments

- Regional Conference on Women in LAC
- Ministerial Conference on the Information Society in LAC
- Conference on Science, Innovation and Information and Communications Technologies

2. Generation of knowledge

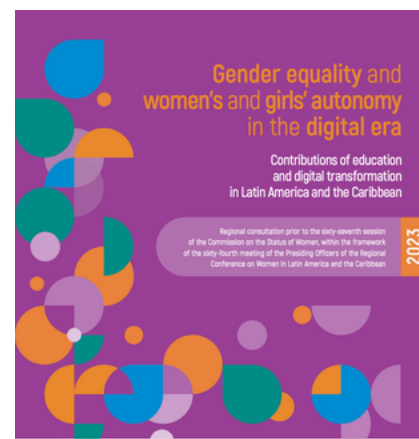
- Technological change from a gender perspective
- Future of work and women's autonomy and rights
- Education and participation of women in STEM
- Transition to a care society that prioritizes the sustainability of life and the planet

3. Capacity building

- Workshops on TVET & STEM and Online courses

Find out more at:

www.cepal.org/en/topics/gender-affairs;
<https://oig.cepal.org/en>



XV Regional Conference on Women in Latin America and the Caribbean
Buenos Aires, 7 - 11 November 2022



Policy Frameworks to Advance Gender Equality in STEM

- **Buenos Aires Commitment** adopted by Governments in the framework of **the XV Regional Conference on Women in Latin America and the Caribbean** includes commitment that promote intersectoral public policies that incorporate affirmative action to foster women's and girls' participation, continuation and completion of education in the spheres of science, technology, engineering and mathematics
- **The Declaration** by Ministers and High-level Authorities of the National Machineries for the Advancement of Women in Latin America and the Caribbean for the regional consultation prior to the 67th Session of the Commission on the Status of Women (CSW), adopted within the framework of the **Sixty-fourth Meeting of the Presiding Officers of the Regional Conference on Women**.
- **eLAC2024: Digital Agenda for Latin America and the Caribbean:** Strategy aimed at 2024, which promotes the use of digital technologies as instruments for sustainable development. Goal 22: Adopt a comprehensive perspective of gender equality and inclusion in digital policies to ensure the reduction of all digital gender gaps, with special attention to integrating girls and women into society.



United Nations Economic and Social Commission for Western Asia (UN ESCWA)



ESCWA provides a framework for the formulation and harmonization of sectoral policies for member countries, a platform for congress and coordination, a home for expertise and knowledge, and an information observatory. ESCWA activities are coordinated with the divisions and main offices of the Headquarters of the United Nations, specialized agencies, and international and regional organizations, including the League of Arab States and its subsidiary bodies, and the Gulf Cooperation Council.

In 2018 Arab countries agreed on the importance of STI for sustainable development in the region under the adopted Beirut Consensus on Technology for Sustainable Development in the Arab Region. In fulfilling of the commitments ESCWA works to include STI in all aspects of initiatives and projects. At the same time, ESCWA is committed to promote gender equality in the region by mainstreaming gender in their activities. Recent activities in areas of gender justice and employment highlights the commitment of the Commission to gender and STI in the Arab region.

Gender & STI Initiatives

Capacity Building Workshop on Digital Technology and Employment

The workshop highlighted the role digital technology and innovation play in employment and in creating new job opportunities for individuals, especially for women. It included a session focused on status of and opportunities offered by digital technologies in the economic participation of women.

Find out more at: www.unescwa.org/events/capacity-building-workshop-digital-technology-and-employment

Propelling Women into Entrepreneurship in the Arab Region: The Role of Information and Communication Technology (ICT)

This study examines the role ICT can play in supporting existing and potential Arab women entrepreneurs by addressing the broader entrepreneurial landscape and the level of women's engagement in entrepreneurship in the Arab region, as well as the challenges that prospective and existing women entrepreneurs in the Arab region face, and by identifying means to help them overcome these challenges.

Find out more at: www.unescwa.org/publications/propelling-women-entrepreneurship-arab-region



Propelling Women into Entrepreneurship in the Arab Region
The Role of Information and Communication Technology (ICT)



ESCWA Technology Centre

The Centre is a technology facilitating body for the Arab region in green and frontier technology fields. It supports ESCWA member States and local communities in accessing, transferring, and scaling up appropriate technologies, with a focus on empowering Arab women and young people in technology and entrepreneurship. In striving to promote entrepreneurship among women the Centre has held several workshops focused on subjects related to empowerment of women in relation to technology and entrepreneurship.

Find out more at: www.unescwa.org/techcentre

Arab Women Space for Entrepreneurship and Technology (AWETE)

It is a community space offered under DEPAR, a digital enabling platform in the Arab Region with the objective to empower entrepreneurs, SMEs, innovators, and policy makers. AWETE is a space for female entrepreneurs, innovators and professionals where they can share knowledge and best practices, collaborate on new projects, and build new partnerships.

Find out more at: depar.unescwa.org/regional/awete



United Nations Conference on Trade and Development (UNCTAD)



UNCTAD is the United Nations body responsible for dealing with economic and sustainable development issues with a focus on trade, finance, investment and technology. It helps developing countries to participate equitably in the global economy. UNCTAD carries out economic research, produces innovative analyses and makes policy recommendations to support government decision-making. UNCTAD has identified three entry points for applying a gender lens: **science for women**, developing science & technology

which support women's development and livelihood activities; **women in science**, promoting gender equality in science, technology and engineering education, careers, and leadership; and



encouraging and supporting women in innovation systems at national and grassroots levels.

Gender & STI Initiatives

Young Female Scientist Programme

Participants of UNCTAD and Okayama University's Young Female Scientist Programme are breaking the glass ceiling in science, technology, engineering and math (STEM).

The Young Female Scientist Programme was launched and implemented in the context of the United Nations Commission on Science and Technology for Development. The Programme offers the opportunity for eligible young female scientists from ASEAN and African countries to engage in cutting-edge research activities at Okayama University in Japan. Participants can gain hands-on research experience in their respective STI fields (many of them are health-related) with the help of top-class faculty at the university. They are expected to contribute to the achievement of SDGs in their own countries building on their research experience in Japan. The programme has empowered 21 women from Africa and Asia since it began two years ago under the UN Commission on Science and Technology for Development, an UNCTAD-supported intergovernmental forum that promotes international cooperation in science and technology.



The Gender Advisory Board of the United Nations Commission on Science and Technology for Development (CSTD)

The Gender Advisory Board serves as an advisory body to the CSTD on gender and science, technology and innovation. It's objective is threefold: to explore the gender dimensions of STI,

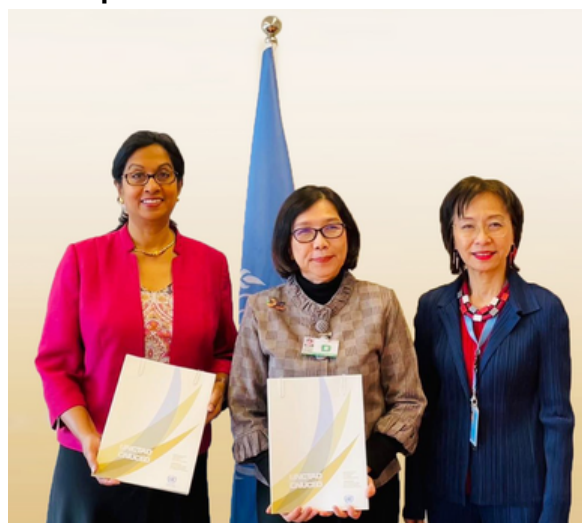


by contributing with inputs on gender-related matters in documents of the CSTD; to facilitate, as appropriate, sharing of country experiences, highlighting best practices, and suggesting policy recommendations that support the work of the CSTD on gender mainstreaming; and, to provide up-to-date information on opportunities and challenges women and girls in STI are facing, and to explore and suggest ways and means of cooperation to best address them within the mandate of CSTD.

UNCTAD - Thailand Bio-Circular-Green (BCG) Economy Programme for Women

UNCTAD and Thailand Science Research and Innovation (TSRI) have joined forces to train women entrepreneurs and researchers on the country's Bio-Circular-Green (BCG) economy model. The programme harnesses the power of a South-South

cooperation. Using technology and innovation, the model aims to boost competitiveness in four industries: agriculture and food; medical and wellness; bioenergy, biomaterials and biochemicals; and tourism and the creative economy. The first



workshop is set to take place in Bangkok in the third quarter of 2023. The two organizations formalized the agreement in 2023 during the 26th session of the Commission on Science and Technology for Development (CSTD).

Find out more at: www.unctad.org/news/unctad-and-thailand-partner-strengthen-womens-capacity-use-technology

United Nations Educational, Scientific and Cultural Organization (UNESCO)



unesco

Given its mandate in science and its work on women in science, UNESCO has a key role to play in working to overcome gender disparities in access to, influence over, and use of STI.

UNESCO implements activities towards:

- Influencing cultural change and support women scientists;
- Supporting the careers of women scientists and strengthen their networks;
- Promoting gender equality in STEM education at primary and secondary levels;
- Supporting monitoring and evidence-informed policy making
- Contributing to changing the underlying institutional bases of gender inequalities.

Gender & STI Initiatives

L'Oréal-UNESCO For Women in Science Programme

Since 1998, the L'Oréal Foundation, in partnership with UNESCO, has worked to improve the representation of women in scientific careers, upholding the conviction that the world needs science, and science needs women.



Celebrating its 25 years in 2023, since 1998 the L'Oréal-UNESCO For Women in Science Programme has supported and raised the profiles of 122 laureates, over 300 middle-career women



researchers, and more than 3,900 talented young scientists, at doctoral and post-doctoral level, providing them with research grants, annually allocated in more than 110 countries.

Key Objectives:

- Recognizing women's contribution to science and the scientific agenda;
- Encouraging young women to take up science careers and promote careers of promising young women researchers.

Find out more at:

www.unesco.org/en/prizes/women-science

STEM and Gender Advancement (SAGA)

SAGA is a UNESCO global project focused on improving measurement and policies for gender equality in STI. The SAGA project offers governments and policymakers a variety of tools to set up, implement and monitor gender equality in STI policies to help reduce the current global gender gap in STI fields existing at all levels of education and research. Key objectives include:

- Improving national STI policies focused on gender;
- Building capacity for the collection of data on gender in STI;
- Improving the evaluation of the situation of women and girls in STI

United Nations Children's Fund (UNICEF)



UNICEF works in more than 190 countries and territories to put children first. Today, UNICEF has helped save more children's lives than any other humanitarian organization by providing health care and immunizations, safe water and sanitation, nutrition, education, emergency relief and more.

Gender & STI Initiatives

Oky: A Girl-Centred Digital Solution for Menstrual Health and Hygiene

Oky is the first-of-its-kind open-source digital period tracker and education product just for girls. It is co-created with and for girls in low and middle income countries, as part of a multi-platform product series. Oky is an approved Digital Public Good and demonstrates innovative tech design that is tailored to girls' digital challenges (such as lack of connectivity and devices, low digital literacy, and gatekeepers).

Oky is easy to operate and designed to ensure that all users, regardless of digital literacy, can navigate the app, using visuals, simple user journeys, text-to-speech options, tutorials, and content in local languages.



It also tackles taboos and misconceptions, and offers quality, evidence-based information about menstruation and sexual and reproductive health.

Key Objectives:

- Girls' empowerment - navigating puberty, managing menstruation with confidence, making informed decisions over reproductive health, developing digital literacy
- For all - 'Encyclopedia in your pocket' for Menstrual Health and Hygiene and sexual and reproductive health
- Digital technology - bridging the gender digital divide, trailblazing girl-centred tech
- Ecosystem building - open-source network of partners, sparking gender transformative innovations and building inclusive digital solutions

Find out more at: www.okyapp.info/

Reach out to: hello@okyapp.info to learn more



Skills4Girls Portfolio

UNICEF through Skills4Girls Portfolio is working to impact adolescent girls' lives, so they are empowered to successfully transition to work, higher education and training, as well as engage with and participate in their communities and wider society.



Currently working with and for girls in more than 30 countries globally, Skills4Girls was initiated in 2020 with support through shared-value private sector partnerships to bridge the gap between the skills girls need to be competitive in the 21st century workforce, versus those they have traditionally had access to.

Skills4Girls develops girls' skills in areas such as STEM, digital technologies, and social entrepreneurship as well as life skills such as problem-solving, negotiation, self-esteem and communication.



Find out more at: www.unicef.org/gender-equality/skills4girls

Reach out to gender@unicef.org to learn more.

United Nations Industrial Development Organization (UNIDO)



UNIDO is the specialized agency of the United Nations to promote and accelerate inclusive and sustainable industrialization.

The Organization's aim is to increase shared prosperity from industry, enhance economic competitiveness, and facilitate the transition to an environmentally sustainable industry. To do so, UNIDO provides technical cooperation, action-oriented research and policy advisory, normative support and brokering partnerships for knowledge and technology transfer.

Gender & STI Initiatives

Gender and Energy Compact

The Gender and Energy Compact is a global, multi-stakeholder coalition coordinated by ENERGIA, GWNET and UNIDO to catalyze action towards gender equality and women's empowerment to accelerate a just, inclusive and sustainable energy transition. Launched at the UN High Level Dialogue on Energy in September 2021, the compact gathers and monitors commitments of stakeholders, bringing together governments, private sector, academia, civil society, youth, and international organizations.

Signatories include more than 60 entities from the private sector, intergovernmental organizations, civil society, and the academia, as well as the governments Canada, Dominican Republic, Ecuador, Iceland, Kenya, and Nepal, the Swedish International Development Cooperation Agency (SIDA), and Power Africa/USAID.

Find out more at: www.genderenergycompact.org



Global programme “Economic Empowerment of Women in Green Industry”

Based on a review of existing green industrial policies and identification of existing gender gaps, policymakers are sensitized and provided with the necessary knowledge and tools to reformulate green industrial policies to make them gender transformative. As a result, governments have embarked on reformulating the green industrial policy framework towards ensuring that it equally benefits women and men.

In parallel, women green entrepreneurs receive packaged support towards facilitating access to finance and investment, expanding access to markets, and enhancing skills. The programme is implemented in partnership with UN Women has been piloted in Cambodia, Peru, Senegal and South Africa so far.

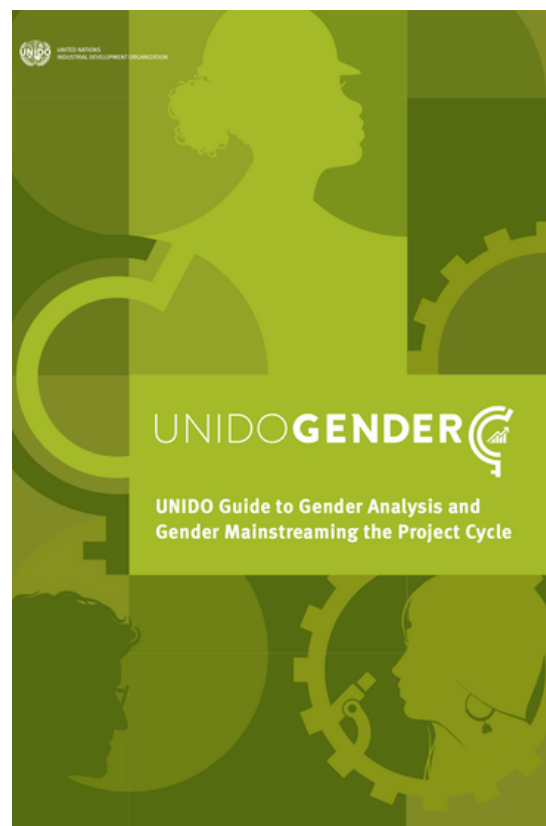
Find out more at:

open.unido.org/projects/M0/projects/170065

UNIDO Guide to Gender Analysis and Gender Mainstreaming the Project Cycle

This Gender Mainstreaming Guide and Toolkit provides guidance, entry points and practical recommendations for stakeholders in the area of inclusive and sustainable industrial development. It aims to facilitate the effective and efficient

integration of gender considerations throughout the project cycle, with a particular focus on gender analysis tools to support the important stage of project design. The Guide provides entry points for ensuring that women and men equally lead, participate and benefit in industrial policymaking, research, capacity building, entrepreneurship support and other development cooperation initiatives.



Find out more at: www.unido.org/sites/default/files/files/2021-06/Gender_mainstreaming_Guide_1_Main%20guide.pdf

United Nations Office for Outer Space Affairs (UNOOSA)



UNOOSA

The United Nations Office for Outer Space Affairs (UNOOSA) works to promote international cooperation in the peaceful use and exploration of space, and in the utilization of space science and technology for sustainable economic and social development. The Office assists any UN Member States to establish legal and regulatory frameworks to govern space activities and strengthens the capacity of developing countries to use space science technology and applications for development by helping to integrate space capabilities into national development programmes.

Gender & STI Initiatives

Space4Women

Space for Women is an initiative of UNOOSA to promote women's empowerment in space. UNOOSA aims to ensure that the benefits of space reach women and girls, and that they can benefit from, and contribute to, space science, technology, innovation and exploration.



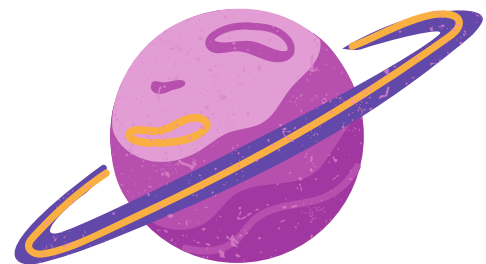
Key objectives:

- Raise awareness about the importance of gender equality and gender empowerment in the space sector.
- Encourage women and girls to pursue space and STEM education and careers.
- Provide policy-relevant advice, knowledge management, and evidence-based awareness raising, research and data to institutions and governments.
- Facilitate capacity-building and training of individuals and institutions on access to and use of space-technology to train, generate skills, and foster knowledge.
- Contribute to achieving SDG4, Quality Education and SDG5, Gender Equality.

Mentorship

The Space4Women Mentorship Programme matches experienced mentors in the space sector with women and girls who would like to

pursue their studies or a career in space or STEM related subjects. Through their personal stories and experience, mentors inspire and help other women navigating the space industry.



In 2023, the Office is running the third edition of the mentorship programme. **95** mentors and almost **150** mentees from **65** countries across the globe are participating in the programme.

Find out more: www.space4women.unoosa.org

Reach out to: space4women@un.org, to learn more.

Expert Meetings

The Space4Women Expert Meetings have the overall objectives to raise awareness about the role of women in the advancement of space science, technologies, applications and space exploration; to identify challenges, opportunities and effective interventions to promote and advance women and girls in the space sector, and to make it more equitable, diverse, and inclusive.

2022 saw the organization of the third Space for Women Expert Meeting in collaboration with the Government of the Republic of Korea. The event took place in Daejeon, Republic of Korea from 16 to 19 August. Over 70 experts from 30 countries gathered to share experiences and insights on the status quo and efforts to advance gender equality in the space sector. Participants discussed topics related to education, entrepreneurship, statistics on the participation of women in the space workforce and the impact of gender empowerment activities.



United Nations Population Fund (UNFPA)



UNFPA is the United Nations sexual and reproductive health agency. Our mission is to deliver a world where every pregnancy is wanted, every childbirth is safe and every young person's potential is fulfilled. UNFPA is formally named the United Nations Population Fund. The organization was established in 1969, and since then operates in 150 countries and territories.

Gender & STI Initiatives

Innovations by Women for Women

The UNFPA Equalizer Accelerator Fund is dedicated fund investing exclusively in innovation by women for women. In 2022, the Equalizer Fund invested in its first Joint Innovation Challenge in collaboration with the World Intellectual Property Organization (WIPO), the International Telecommunication Union (ITU), and the International Trade Centre (ITC). The Fund awarded ten social enterprises led or co-led by women in developing nations, positioning the solutions addressing the needs of women and girls to scale.



Over the course of 8 months, the innovative solutions have reached over 300,000 women and girls across 21 countries, addressing such issues as gender-based violence, adolescent pregnancies, sexuality education, maternal health and family planning. **Find out more at: www.unfpa.org/innovation/joint-challenge-2022**



Equity 2030: Normalizing the Gender Equity in Science and Technology Solutions

The Equity 2030 aims to close the gender equity gaps in science, technology and financing solutions design by leveraging the collective power of positive disruptors. The Alliance raises awareness and aims for collective actions to address the historically biased representation of women in the design stage of solutions. By leveraging the collective power of its members, including private and public sector actors, the alliance aims to disrupt the status quo and build gender-transformative science and technology solutions for a more inclusive, sustainable, and gender-equitable future. By accelerating transformative norms

and principles, the Equity 2030 Alliance strives to close the gender gaps in women-focused and gender-inclusive solutions by 2030. **Find out more at:**



Find out more at: www.unfpa.org/equity-2030-alliance

Technology and Innovations to Advance Innovations for Women

The Equalizer leverages the collective brainpower of technology and expertise to advance innovations empowering women and girls in 150 countries and territories.



Innovation is incorporated into local initiatives, that are then plugged into the regional and global ecosystems, thereby bridging global expertise and technology to local needs and challenges. From ensuring access to life-saving maternal and newborn services for pregnant women through using drones, telemedicine, advanced mobile technologies, to training of midwives using digital platforms, utilizing blockchain technology to distribute menstrual hygiene products and fundraising through Non-Fungible Tokens, UNFPA leverages the power of technology and science to ensure long lasting impact.

Find out more at: www.unfpa.org/innovation



World Food Programme (WFP)



World Food Programme

The World Food Programme (WFP) works in over 120 countries and territories to bring life-saving food to people displaced by conflict and made destitute by disasters, and help individuals and communities find life-changing solutions to the multiple challenges they face in building better futures.

Gender & STI Initiatives

The world's largest humanitarian blockchain platform, **Building Blocks (BB)**, has adapted blockchain technology for specific humanitarian needs, including complex programme designs. Humanitarian organizations assisting the same people can channel assistance to the same blockchain account, where it is coordinated. BB capitalizes on the unique features of blockchain, particularly its neutrality: all organizations using the platform are equal owners and managers, with no hierarchy. In addition, many different humanitarian applications can be built using the network. From the same account, people in need can access a variety of items allocated by different organizations, such as cash, food, education, or health. This way, collective assistance is coordinated and equitable. People's access to support is also simplified and more convenient.

In 2019, UN Women joined the BB network. BB has assisted in the distribution of UNICEF water, sanitation, and hygiene items, and UNFPA sexual and reproductive health items in Bangladesh.

Find out more at: www.wfp.org/building-blocks



The Farm2Go mobile application empowers smallholder farmers (including women farmers) to sell their produce and access training and information on weather and local agriculture. The Farm2Go app is a powerful tool to help rural women engage with local markets, where they often face barriers selling goods because of gender. The app allows them to access markets remotely, where they can negotiate equally like their male peers and earn up to 300% more for their goods. Women make up nearly half of the world's 500 million smallholder farmers and produce 70 percent of Africa's food, yet they own only 20 percent of the land in the world.

The R2C2 (**Rapid Response Connectivity Carrier**) is a tethered drone that hovers above disasters and transmits internet connectivity to people within a 3km radius. This is particularly impactful for women and girls, and other vulnerable groups (i.e. injured people or people with disabilities) for whom it may not be safe to move to specific locations to access information and communication services. The solution has received a new round of seed funding from the WFP Innovation Accelerator in 2023.



Find out more at: www.drones.wfp.org/updates/rapid-response-connectivity-carrier-r2c2

World Intellectual Property Organization (WIPO)



The World Intellectual Property Organization (WIPO) is the global forum for intellectual property (IP) services, policy, information and cooperation. We are a self-funding agency of the United Nations, with 193 member states.

Our mission is to lead the development of a balanced and effective international IP system that enables innovation and creativity for the benefit of all. Our mandate, governing bodies and procedures are set out in the WIPO Convention, which established WIPO in 1967.

WIPO is committed to promoting gender equality and diversity - in the innovative and creative sectors, across the wider world of IP and within our own Organization. We work to systematically mainstream gender equality considerations across our work program, while generating and analyzing disaggregated and gender specific data, collaborating on capacity development, and strengthening and replicating good practices.



Gender & STI Initiatives

Indigenous and Local Community Women Entrepreneurship Program



The WIPO Training, Mentoring and Matchmaking Program on Intellectual Property for Women Entrepreneurs from Indigenous Peoples and Local Communities aims to encourage women entrepreneurship, innovation and creativity related to traditional knowledge and traditional cultural expressions by strengthening the capacity of indigenous and local community women entrepreneurs to make strategic and effective use of intellectual property tools in support of their entrepreneurial activities.



Find out more at: www.wipo.int/tk/en/women_entrepreneurs/

Producing gender analysis from innovation and IP data

In 2022, WIPO published Guidelines for production gender analysis from innovation and IP data. Understanding how women and men can access and use the intellectual property (IP) system equally is key to ensuring that their ingenuity and creativity translates into economic, social and cultural development. This short guide summarizes best practice for producing innovation and IP gender indicators.



indicators



 **Indicator: percentage of women listed as inventors or creators by state or province**

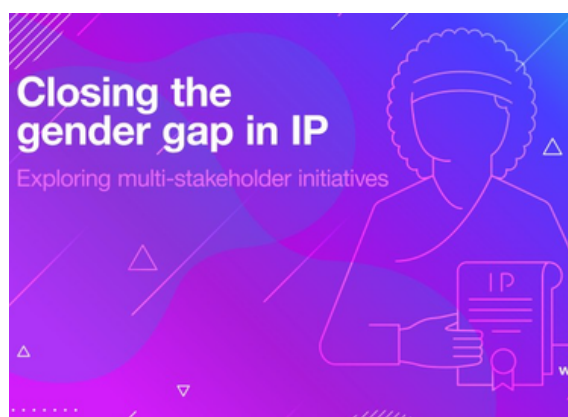
 **Indicator: percentage of women listed as inventors or creators by city**

Find out more at: www.wipo.int/publications.

Closing the Gender Gap in IP: Women and Tourism

In November 2022, WIPO hosted a virtual sharing session on Women, Intellectual Property (IP) and Tourism. The session featured women experts and entrepreneurs from Armenia, Egypt, Grenada and Portugal, who shared diverse and inspirational experiences in the tourism sector, highlighting what the role of IP was along the way. Through practical examples

from local handicraft production and wine tourism through to astrotourism and agritourism, the panelists highlighted how trademarks, industrial designs and copyrights can be used to support the growth of tourism-related



businesses and to encourage women's participation in and contribution to the sector. **Find out more at:**

www.wipo.int/women-and-ip/en/news/2022/

World Intellectual Property Day 2023 Theme:

Women and IP: Accelerating Innovation and Creativity



The 2023 World Intellectual Property campaign is an opportunity to celebrate all talented women around the world and promote the development of more inclusive and diverse IP ecosystems that accelerate innovation, creativity and business growth for the benefit of all. Let's celebrate Women in STI this April 26th, 2023.

Find out more at: www.wipo.int/ip-outreach/en/ipday/

67th Session of the Commission on the Status of Women, March 2023

In 2023, the 67th Session of the Commission on the Status of Women (CSW) was convened under the priority theme of *"Innovation and technological change: education in the digital age for achieving gender equality and the empowerment of all women and girls,"* providing a unique momentum towards promoting awareness and better understanding of the important role of women & girls in the fields of science, technology, and innovation. The IATT on Gender and STI is pleased to note that 9 of the 16 Executive Heads of member entities in the IATT on Gender and STI are women.



Find out more at: www.unwomen.org/en/csw/csw67-2023



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