



Women in ICTs: Unlocking Potential for Development

Speaker: Ellen Walker, Founder and Executive Director, RightsTech Women



Our changing world

Rapid technological change

Jobs change

Climate change

Demographics change

Increases in inequalities

Emerging from last pandemic

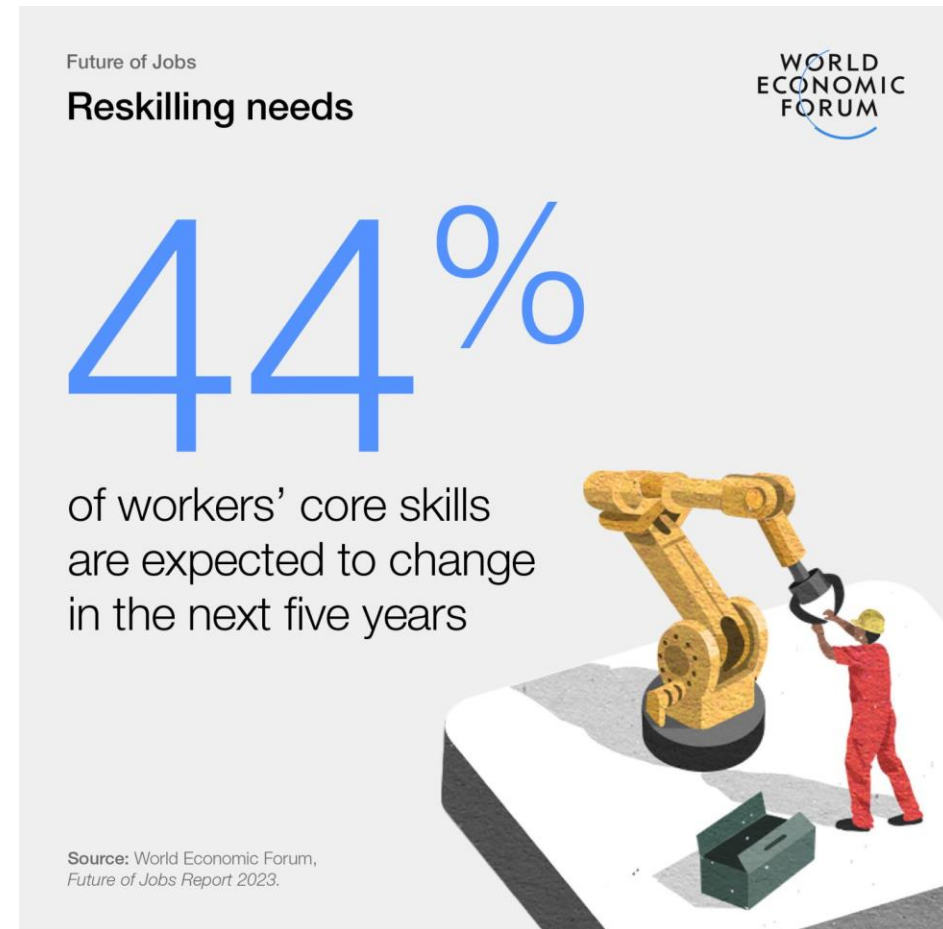
Uncertainty



Jobs and skills

23% of jobs and 44% of skills
will change in the next five
years.

Source: World Economic Forum, Future of Jobs 2023





Under-representation of girls and women in science, technology, engineering and mathematics (STEM)

But as the jobs are changing to require STEM skills, women remain under-represented in technical fields.

Not just in some countries. It's a global problem.

Source: e.g., World Bank Group, The Equality Equation (2020)

Jobs change plus under-representation of women = a bad combination, *i.e.*, bad news for women, bad news for employers.



Study Group 1 – Questions 4 and 6

Question 4/1 Economic aspects of national telecommunications/ICTs:

- How can we ensure equal representation of women in telecommunications/ICTs jobs by 2030?
- How can unlocking the potential of women employed in STEM help countries and industries have enough skilled workers?

Question 6/1 Consumer information, protection and rights:

How can we help girls and women know about their human rights to ICTs education and equality in employment?



Our Mission: Equal representation of girls and women in STEM jobs and education by 2030

Question:

*"Wow, that's really soon. Can we do that?
- Worried"*

Equal representation of girls and women in STEM jobs and education by 2030: Can we do it?

YES!

What RTW is doing:

- Technology capacity building of girls & women
- UN advocacy and human rights education & training
- Research & data visualization





Training girls and women: Our examples

Free trainings for girls and women in:

- Robotics, programming and human rights
- Python programming and women in science
- Using satellite data to understand climate change
- Mentorship talks – Q&A on studies and career

Training partners so far with, *e.g.*: CERN MicroClub, CERN Women in Technology, PoppyStation, CERN, Ville de Genève, HEPIA, NASA, Google, ITU, local associations (*and more*)

Training girls and women: Our examples

- We train coaches first and then learners, in-person and online.
- Female mentors
- We focus on 'low floor, no ceiling' skills.
- Open to using different technologies, including those used in high-tech workplaces & emerging
- Innovative trainings combined with human rights education



Training girls and women: Our examples

RightsTech Women has provided 2 trainings during the WSIS Forum

e.g., RightsTech Women and partners organized a training for girls 14+ and women, on using satellite data to understand climate change. This training took place in the framework of the WSIS Forum 2022 of ITU.



**Training, 30 March 2022,
17:00-18:30 CEST**

Girls 14+ and women: Learn to use satellite data to understand climate change

Join RightsTech Women and partners for this fun training offered in the framework of the WSIS Forum 2022.

Free online workshop for girls and women aged 14+

To register for the event:

<https://rtw-wsis-training.eventbrite.ch>

To join the WSIS Forum Repository of Women in Tech:

<https://www.itu.int/net4/wsis/forum/2022/Home/ICTsGender>



ITU and the Equals Partnership: helping to advance gender equality in ICTs



In the Category,
Leadership in Technology



In Category 1: The role of
governments and all
stakeholders in the promotion
of ICTs for development





Resources

Learn more about RightsTech Women:	https://rightstech.org
RTW's Recent News and Activities:	https://rightstech.org/news
Video: Training girls and women on using satellite data to understand climate change	https://youtu.be/vyLwlg5o-do
Contact us:	info@rightstech.org
<i>Citations:</i> World Economic Forum, The Future of Jobs Report 2023, https://www.weforum.org/reports/the-future-of-jobs-report-2023	
World Bank Group, The Equality Equation (2020), https://www.worldbank.org/en/topic/gender/publication/the-equality-equation-advancing-the-participation-of-women-and-girls-in-stem	

Thank you

