



2019 G20 Osaka Summit Interim Compliance Report

Prepared by

Sofia Lopez and the G20 Research Group

University of Toronto

Toronto

and

Irina Popova and the Center for International Institutions Research

Russian Presidential Academy of National Economy and Public Administration,

Moscow

From 30 June 2019 to 10 May 2020

14 October 2020

“The University of Toronto ... produced a detailed analysis to the extent of which each G20 country has met its commitments since the last summit ... I think this is important; we come to these summits, we make these commitments, we say we are going to do these things and it is important that there is an organisation that checks up on who has done what.”

— *David Cameron, Prime Minister, United Kingdom, at the 2012 Los Cabos Summit*

Contents

Preface.....	3
Introduction and Summary.....	6
Commitment Breakdown.....	6
Selection of Commitments.....	6
Interim Compliance Scores.....	7
Interim Compliance by Member.....	7
Interim Compliance by Commitment.....	7
Table 1: 2019 G20 Osaka Summit Commitments Selected for Compliance Monitoring.....	8
Table 2: 2019 G20 Osaka Summit Interim Compliance Scores.....	10
Table 3: 2019 G20 Osaka Summit Interim Compliance by Member.....	11
Table 4: 2019 G20 Osaka Summit Interim Compliance by Commitment.....	11
Table 5: G20 Compliance by Member, 2008–2018.....	12
Conclusions.....	14
Future Research and Reports.....	14
Considerations and Limitations.....	14
Appendix: General Considerations.....	15
1. Macroeconomics: Inclusive Growth.....	16
2. Macroeconomics: Exchange Rates.....	83
3. Trade: Open Markets.....	92
4. Trade: Reform of the World Trade Organization.....	109
5. Infrastructure: Quality Infrastructure Investment.....	141
6. Digital Economy: Frameworks.....	183
7. International Taxation: Digitalization.....	201
8. Crime and Corruption: Cyber Resilience.....	215
9. Terrorism: Internet Security.....	237
10. Labour and Employment: Opportunities for Youth.....	268
11. Gender: Education and Training.....	289
12. Gender: Labour Market.....	315
13. Development: Energy.....	350
14. Development: Investment in Human Capital.....	370
15. Health: Ageing Populations.....	416
16. Health: Public Health Preparedness.....	458
17. Environment: Marine Plastic Litter and Microplastics.....	490
18. Climate Change: Financing for Sustainable Development.....	508
19. Climate Change: Innovation.....	528

11. Gender: Education and Training

“[We commit to continue support for girls’ and women’s education and training, including...] improved access to STEM (Science, Technology, Engineering and Mathematics).”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia			+1
Brazil	-1		
Canada		0	
China	-1		
France		0	
Germany			+1
India			+1
Indonesia	-1		
Italy		0	
Japan		0	
Korea			+1
Mexico		0	
Russia		0	
Saudi Arabia			+1
South Africa		0	
Turkey		0	
United Kingdom		0	
United States		0	
European Union			+1
Average		+0.15 (58%)	

Background

Promoting women’s education and vocational training including access to science, technology, engineering and mathematics (STEM) is fundamental to the global progress on gender equality. Every additional year of school attendance after the primary level helps women’s prospects for employment, health and wellbeing.¹⁶⁵⁹ There has been global progress in achieving women’s education enrollment. More girls than ever before are attending school. According to the 2019 Global Education Monitoring Report, two of every three countries have achieved gender parity in primary education and one of every two countries has accomplished gender parity in lower secondary education enrollment.¹⁶⁶⁰

Despite progress, there are an estimated 15 million girls who do not attend primary school, compared to 10 million boys. Countries with low primary and secondary education rates for girls in particular have shown that there is a correlation of a lack of education and poverty. Some contributing factors that account for this discrepancy is the lack of basic infrastructure such as

¹⁶⁵⁹ SDG 4: Quality Education, UN Women (New York). Access Date: 4 March 2020.

<https://www.unwomen.org/en/news/in-focus/women-and-the-sdgs/sdg-4-quality-education>

¹⁶⁶⁰ Global Education Monitoring Report 2019: Building Bridges for Gender Equality, Global Education Monitoring Report (Paris) 2019. Access Date: 4 March 2020. <https://unesdoc.unesco.org/ark:/48223/pf0000368753>

electricity, the internet, computers and training of primary school teachers in developing countries.¹⁶⁶¹

Women's experience with vocational and technical training are also important for gender parity in traditionally male-dominated industries. According to the World Bank, the strongest predictor of a woman's decision to enter a male-dominated trade is her existing relationships in the relevant industry.¹⁶⁶² Technical training acts as "early points of contact and exposure" for women to enter these industries.¹⁶⁶³ However, vocational and technical training and certain fields such as STEM have continued to be male-dominated. According to UNESCO Institute of Statistics, women make up less than 30% of the world's researchers in science, technology, and innovation.¹⁶⁶⁴

The 2009 London Summit was notable for it marked the first time G20 leaders identified the importance of investing in education and training to support employment. In the G20 Action Plan for Recovery and Reform, the leaders decided to build a fair and family-friendly labour market for both men and women.¹⁶⁶⁵ They also committed to take practical measures to overcome the barriers hindering women's full economic and social participation, and to expand economic opportunities for women in G20 economies.¹⁶⁶⁶ G20 members demonstrated their commitment to advance gender equality in all areas, including skills training, wages and salaries, treatment in the workplace and responsibilities in care-giving.¹⁶⁶⁷

At the 2012 Los Cabos Summit, G20 leaders committed to promote women's full economic and social participation by expanding economic opportunities for women in G20 economies.¹⁶⁶⁸ In particular, G20 leaders committed to advancing gender equality in all areas, including skills training, wages, treatment in the workplace and responsibilities in care giving.¹⁶⁶⁹ In regards to fostering financial inclusion, G20 leaders recognized the need for women and youth to gain access to financial services and financial education. They worked with the Global Partnership for Financial Inclusion, the Organisation for Economic Co-operation and Development and the World Bank to identify barriers women and youth may face.¹⁶⁷⁰ In the Los Cabos Growth and Jobs Action Plan, they

¹⁶⁶¹ Progress towards the Sustainable Development Goals, United Nations Economic and Social Council (New York) 8 May 2019. Access Date: 4 March 2020. <https://undocs.org/E/2019/68>

¹⁶⁶² Female enrollment in male-dominated vocational training courses: preferences and prospects, World Bank (Washington) 30 June 2017. Access Date: 4 March 2020. <http://documents.worldbank.org/curated/en/698591498812317468/Female-enrollment-in-male-dominated-vocational-training-courses-preferences-and-prospects>

¹⁶⁶³ Female enrollment in male-dominated vocational training courses : preferences and prospects, World Bank (Washington) 30 June 2017. Access Date: 4 March 2020. <http://documents.worldbank.org/curated/en/698591498812317468/Female-enrollment-in-male-dominated-vocational-training-courses-preferences-and-prospects>

¹⁶⁶⁴ Women in Science, UNSECO Institute of Statistics (Montreal) 19 June 2019. Access Date: 4 March 2020. <http://uis.unesco.org/sites/default/files/documents/fs55-women-in-science-2019-en.pdf>

¹⁶⁶⁵ G20 Action Plan for Recovery and Reform (London), G20 Information Centre (Toronto) 2 April 2009. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0402.html>

¹⁶⁶⁶ G20 Action Plan for Recovery and Reform (London), G20 information Centre (Toronto) 2 April 2009. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0402.html>

¹⁶⁶⁷ G20 Action Plan for Recovery and Reform (London), G20 information Centre (Toronto) 2 April 2009. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0402.html>

¹⁶⁶⁸ G20 Leaders Declaration Los Cabos, G20 Information Centre (Toronto) 19 June 2012. Access Date: 22 December 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

¹⁶⁶⁹ G20 Leaders Declaration Los Cabos, G20 Information Centre (Toronto) 19 June 2012. Access Date: 22 December 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

¹⁶⁷⁰ G20 Leaders Declaration Los Cabos, G20 Information Centre (Toronto) 19 June 2012. Access Date: 22 December 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

committed to encouraging the participation of younger workers through apprenticeships, better education and skills development.¹⁶⁷¹

At the 2016 Hamburg Summit, G20 leaders approved the G20 Action Plan on the 2030 Agenda for Sustainable Development. The 2030 Agenda includes **harnessing** digital technologies to advance women's empowerment (Sustainable Development Goal [SDG] 5) and eliminating gender disparities in education (SDG 4). The G20 adopted the #eSkills4Girls initiative under the G20 Action Plan. This initiative tackles the gender digital divide in developing countries, which has been key to hindering girls' and women's access to information and communication technology, by boosting relevant education and employment opportunities.¹⁶⁷²

The 2018 Buenos Aires Summit made promoting quality education one of its top priorities. Under Argentina's G20 presidency, the G20 held the first G20 education ministers' meeting, after the summit, where members repeated their acknowledgement that access to inclusive and quality education in a safe learning environment is fundamental to empowering girls and women.¹⁶⁷³ The education ministers recommended policies including expanding opportunities for girls to receive a minimum of 12 years of education, adopting measures to fight stereotypes against women and encouraging women to pursue tertiary studies, particularly in STEM.¹⁶⁷⁴

In Tsubaka, Japan, on 9 June 2019, the G20 trade ministers and G20 digital economy ministers reconfirmed the importance of accessibility of technology for women and bridging the digital divide by enhancing digital literacy and digital access.¹⁶⁷⁵ With their endorsement of the #eSkills4girls initiative, the G20 ministers reaffirmed that the participation of women and girls in the digital economy supports stronger economic growth, innovation and societal well-being.¹⁶⁷⁶ The ministers encouraged G20 members to develop frameworks to measure and track sex-disaggregated data and to initiate efforts to increase women's access to digital networks and in STEM subjects.¹⁶⁷⁷

At the 2019 Osaka Summit, G20 leaders expressed the importance of women's empowerment in the pursuit of sustainable and inclusive economic growth.¹⁶⁷⁸ This was the first time that the G20 leaders made an explicit reference to improving access to STEM and raising awareness toward eliminating gender stereotypes in their commitment to supporting education and training for girls and women.¹⁶⁷⁹ G20 members also restated their support for women's access to digital technology,

¹⁶⁷¹ Los Cabos Growth and Jobs Action Plan, G20 Information Centre (Toronto) 19 June 2012. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos-actionplan.html>

¹⁶⁷² Annex to G20 Leaders Declaration G20 Initiative #eSkills4Girls": Transforming the Future of Women and Girls in the Digital Economy, Hamburg, G20 Information Centre (Toronto), 8 July 2017. Access Date: 8 November 2019. <http://www.g20.utoronto.ca/2017/2017-g20-initiative-eskills4girls.html>

¹⁶⁷³ G20 Education Ministers' Declaration, G20 (Mendoza) 5 September 2018. Access Date: 6 November 2019. <http://www.g20.utoronto.ca/2018/2018-09-05-education.html>

¹⁶⁷⁴ G20 Education Ministers' Declaration, G20 (Mendoza) 5 September 2018. Access Date: 6 November 2019. <http://www.g20.utoronto.ca/2018/2018-09-05-education.html>

¹⁶⁷⁵ G20 Ministerial Statement on Trade and Digital Economy, G20 (Tsubaka) 9 June 2019. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-trade.html>

¹⁶⁷⁶ G20 Ministerial Statement on Trade and Digital Economy, G20 (Tsubaka) 9 June 2019. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-trade.html>

¹⁶⁷⁷ G20 Ministerial Statement on Trade and Digital Economy, G20 (Tsubaka) 9 June 2019. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-trade.html>

¹⁶⁷⁸ G20 Osaka Leaders' Declaration, G20 Japan 2019 (Osaka) 29 June 2019. Access Date: 9 April 2020. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

¹⁶⁷⁹ G20 Osaka Leaders' Declaration, G20 Japan 2019 (Osaka) 29 June 2019. Access Date: 9 April 2020. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

managerial and decision making positions, and entrepreneurship.¹⁶⁸⁰ Additionally, G20 members encouraged the private sector to also take their own actions in advancing women in the private sector and increasing the number of women in management positions.¹⁶⁸¹

Commitment Features

In this commitment, there are two targets, one to continue to support girls' and women's education and training and to improve access to STEM for girls and women. Girls and women, in this context, are equally weighted.¹⁶⁸² "Girls" is understood to mean female individuals below the age of 18 years.¹⁶⁸³ "Women" is understood to mean female individuals aged 18 years or more. A G20 member can achieve compliance for the first target by supporting either girls' education and training or women's education and training. The commitment also specifies improving access to STEM for girls and women. A G20 member can achieve compliance for the second target by improving access to STEM for either girls or women. A G20 member must include initiatives for improving access to STEM for girls and women in order to achieve full compliance.

"To continue support" is understood to mean carrying on the pursuit to provide aid, assistance or backing up an existing initiative."¹⁶⁸⁴ This includes expanding, increasing, enhancing the efficiency of or prolonging existing actions. Examples include continuing support include financial, human resources and technical support.

"Education" is understood to mean organized and sustained communication designed to bring about learning.¹⁶⁸⁵ Examples of initiatives that support girls' education are to provide or support organisations that provide stipends or scholarships, ensuring gender-sensitive curriculums, promote discussions about gender stereotypes or cultural/societal practices, and hiring/training qualified female teachers.¹⁶⁸⁶

"Training" is understood to mean acquiring a skill, knowledge or experience. Training, in this context, differs from education in that training refers to technical cooperation or assistance. Training for women refers to acquiring specific knowledge and experience of long-term vocations rather than non-standard forms of employment such as care-giving responsibilities, self-employment, part-time and on-call work.¹⁶⁸⁷ Actions that demonstrate training women boost the level of knowledge, skills, technical know-how or productive aptitudes of women or provide services such as consultancy,

¹⁶⁸⁰ G20 Osaka Leaders' Declaration, G20 Japan 2019 (Osaka) 29 June 2019. Access Date: 9 April 2020. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

¹⁶⁸¹ G20 Osaka Leaders' Declaration, G20 Japan 2019 (Osaka) 29 June 2019. Access Date: 9 April 2020. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

¹⁶⁸² Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019.

¹⁶⁸³ The United Nations Convention on the Rights of the Child, United Nations Convention on the Rights of the Child (New York) 30 November 1989. Access Date: 9 April 2020.

¹⁶⁸⁴ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019.

¹⁶⁸⁵ Education, OECD (Paris) 25 September 2001. Access Date: 9 April 2020. <https://stats.oecd.org/glossary/detail.asp?ID=741>

¹⁶⁸⁶ Girls' Education, World Bank (Washington, D.C.) 25 September 2017. Access Date: 9 April 2020. <https://www.worldbank.org/en/topic/girlseducation>

¹⁶⁸⁷ Women at Work in G20 countries: Progress and policy action, G20 Information Centre (Toronto) 28 June 2019. Access Date: 9 November 2019. https://www.g20.org/pdf/documents/en/annex_09.pdf

technical support of know-how.¹⁶⁸⁸ Examples of training can be vocational workshops, on-the-job training programs and training in management.

“Improve” is understood as to make or become better.¹⁶⁸⁹ In this commitment’s context, it is interpreted to mean that old initiatives to provide access will be updated.¹⁶⁹⁰ “Access” is understood to mean the right to obtain or make use of something. In the context of education and training, access refers to availability.¹⁶⁹¹ It is defined in terms of reachability (physical access), affordability (economic access) and acceptability (socio-cultural access) of services that meet a minimum standard of quality. The action of making services available, affordable and acceptable is a prerequisite for universal access.¹⁶⁹²

Full compliance for this commitment is achieved by supporting women’s education and training and increasing access to STEM. To achieve full compliance for the second target of improving access to STEM for girls and women, the G20 member must demonstrate at least two out of the three standards of access: reachability, affordability and acceptability. Examples of reachability can include on-the-job training programs, workshops preparing women for STEM, and training in management. Examples of affordability can include apprenticeship incentive grants, scholarships to pursue STEM fields in tertiary education, and general financial investment for women in STEM. Examples of acceptability include social campaigns that discuss fighting gender stereotypes relating to STEM, panel discussions on gender barriers to STEM, and lectures from women in the STEM field. For a score of partial compliance, the G20 member has taken concrete actions to support education and training for girls and women but has not provided improved access to STEM. For a score of non-compliance, the G20 member has completed none of the aforementioned.

Scoring Guidelines

-1	G20 member does not taken any steps to support education and training for girls and women AND has not improved access to STEM.
0	G20 member has taken steps to support education and training for girls and women OR increase access to STEM.
+1	G20 member has taken steps to support education and training for girls and women AND increase access to STEM.

*Compliance Director: Jae Yoon Mary Nob
Lead Analyst: Jennifer Wang*

Argentina: 0

Argentina has partially complied with its commitment to support education and vocational training in science, technology, engineering and mathematics (STEM) for girls and women.

On 17 September 2019, the Ministry of Education, Culture, Science and Technology (MESCYT) and the University of Buenos Aires hosted an event called “Conectando Mujeres” at Sarmiento Palace to

¹⁶⁸⁸ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019.

¹⁶⁸⁹ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 2 May 2016.

¹⁶⁹⁰ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 2 May 2016.

¹⁶⁹¹ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 2 May 2016.

¹⁶⁹² Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 2 May 2016.

allow female leaders in the technology sector to share their experiences with university students.¹⁶⁹³ Representatives of various companies including IBM and Facebook looked at various proposals for the development of women in technology and the creation of more inclusive workspaces.¹⁶⁹⁴

From 23 to 24 October 2019, the MESCYT hosted a conference with the Instituto Nacional de Educación Tecnológica and Ministry of Education, called Programando futuro.¹⁶⁹⁵ With 140 female students from 35 technical schools in attendance, the conference aimed to encourage a gendered perspective in professional technical education.¹⁶⁹⁶

On 3 January 2020, Minister of Education Nicolás Trotta and Governor of Santa Fe Omar Perotti signed an act of commitment to ensure the right to education in the Santa Fe province.¹⁶⁹⁷ This act aims to maintain compulsory education for boys and girls from age four until the end of secondary education while concurrently reducing gender inequality.¹⁶⁹⁸

Argentina has recognized the right to education for children in an aim to reduce gender inequality, additionally hosting events which provide information to girls and women about the STEM field. However, these actions have not improved girls' and women's access to the STEM field.

Thus, Argentina receives a score of 0.

Analyst: Brandon Yih

Australia: +1

Australia has fully complied with its commitment to continue its support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 10 October 2019, Minister for Education Dan Tehan and Member of Parliament Melissa McIntosh announced the Australian Research Council (ARC) would take steps to address gender disparities in Australian research.¹⁶⁹⁹ These steps include publicly reporting the proportion of women

¹⁶⁹³ Conectando Mujeres: Una Jornada Para Potenciar el Desarrollo de las Mujeres en Tecnologías, Government of Argentina (Buenos Aires) 17 September 2019. Access Date: 15 March 2020.

<https://www.argentina.gob.ar/noticias/conectando-mujeres-una-jornada-para-potenciar-el-desarrollo-de-las-mujeres-en-tecnologias>

¹⁶⁹⁴ Conectando Mujeres: Una Jornada Para Potenciar el Desarrollo de las Mujeres en Tecnologías, Government of Argentina (Buenos Aires) 17 September 2019. Access Date: 15 March 2020.

<https://www.argentina.gob.ar/noticias/conectando-mujeres-una-jornada-para-potenciar-el-desarrollo-de-las-mujeres-en-tecnologias>

¹⁶⁹⁵ Programando Future: Más Mujeres en la Educación Técnica, Government of Argentina (Buenos Aires) 23 October 2019. Access Date: 30 January 2020. <https://www.argentina.gob.ar/noticias/programando-futuro-mas-mujeres-en-la-educacion-tecnica>

¹⁶⁹⁶ Programando future: más mujeres en la Educación Técnica, Government of Argentina (Buenos Aires) 23 October 2019. Access Date: 30 January 2020. <https://www.argentina.gob.ar/noticias/programando-futuro-mas-mujeres-en-la-educacion-tecnica>

¹⁶⁹⁷ Educación y Santa Fe firmaron el compromiso "Todos los chicos y chicas en la escuela", Government of Argentina (Buenos Aires) 3 January 2020. Access Date: 6 February 2020. <https://www.argentina.gob.ar/noticias/educacion-y-santa-fe-firmaron-el-compromiso-todos-los-chicos-y-chicas-en-la-escuela>

¹⁶⁹⁸ Educación y Santa Fe Firmaron el Compromiso "Todos los Chicos y Chicas en la Escuela", Government of Argentina (Buenos Aires) 3 January 2020. Access Date: 6 February 2020. <https://www.argentina.gob.ar/noticias/educacion-y-santa-fe-firmaron-el-compromiso-todos-los-chicos-y-chicas-en-la-escuela>

¹⁶⁹⁹ Increasing Female Participation in Research, Australian Government (Canberra) 10 October 2019. Access Date: 2 February 2020. <https://www.arc.gov.au/news-publications/media/media-releases/increasing-female-participation-research>

included in applications for ARC funding and announcing two female researchers as ambassadors for women in research.¹⁷⁰⁰

On 4 December 2019, the Australian government launched the Academy for Enterprising Girls.¹⁷⁰¹ The program aims to equip girls ages 10 to 18 with enterprise and design thinking skills and advocates for girls' education in STEM fields.¹⁷⁰²

On 8 March 2020, the Australian government released a 2020 action plan that states they will continue their support for female STEM education through the Women in STEM and Entrepreneurship (WISE) grants and The Science in Australia Gender Equity (SAGE) program.¹⁷⁰³ These programs aim to promote gender equality in STEM fields, encourage women to get involved and raise the profile of successful women in this field.¹⁷⁰⁴

Australia has fully complied with its commitment to support girls' and women's education and training in STEM by creating new reforms and programs such as WISE and SAGE that give girls and women better access to opportunities in the field of STEM.

Thus, Australia receives a score of +1.

Analyst: Samantha Parker

Brazil: -1

Brazil has not complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 3 February 2020, President Jair Bolsonaro, stressed the importance of investing in quality public education and reducing gender inequalities as two of the objectives for 2020 in a presidential message to the National Congress.¹⁷⁰⁵ The goal is to design policies and invest in sectors as well as projects that will lead to better public education for the population and less inequality in the country.¹⁷⁰⁶

¹⁷⁰⁰ Increasing Female Participation in Research, Australian Government (Canberra) 10 October 2019. Access Date: 2 February, 2020. <https://www.arc.gov.au/news-publications/media/media-releases/increasing-female-participation-research>

¹⁷⁰¹ The Girls Taking Over Parliament and Getting Down to Business, Australian Financial Review (Sydney). 4 December 2019. Access Date: 2 February 2020. <https://www.afr.com/politics/federal/the-girls-taking-over-parliament-and-getting-down-to-business-20191204-p53gnk>

¹⁷⁰² Academy for Enterprising Girls' Website Launch, Office of Women: Department of the Prime Minister and Cabinet (Canberra) 11 October 2019. Access Date: 3 February 2020. <https://www.pmc.gov.au/news-centre/office-women/academy-enterprising-girls-website-launch>

¹⁷⁰³ Advancing Women in STEM. Department of Industry, Innovation and Science (Australian Commonwealth). 2019. Access Date: 7 February 2020. <https://www.industry.gov.au/data-and-publications/advancing-women-in-stem-strategy/2020-action-plan>

¹⁷⁰⁴ Advancing Women in STEM. Department of Industry, Innovation and Science (Australian Commonwealth). 2019. Access Date: 7 February 2020. <https://www.industry.gov.au/data-and-publications/advancing-women-in-stem-strategy/2020-action-plan>

¹⁷⁰⁵ Em mensagem ao Congresso, Bolsonaro Destaca Avanços do Governo e Metas Para 2020 03/02/2020. Governo do Brasil (Brasília) 3 February 2020. Access date: 7 February 2020. <https://www.gov.br/planalto/pt-br/acompanhe-o-planalto/noticias/2020/02/em-mensagem-ao-congresso-presidente-bolsonaro-destaca-avancos-do-governo>

¹⁷⁰⁶ Em mensagem ao Congresso, Bolsonaro Destaca Avanços do Governo e Metas Para 2020 03/02/2020. Governo do Brasil (Brasília) 3 February 2020. Access date: 7 February 2020. <https://www.gov.br/planalto/pt-br/acompanhe-o-planalto/noticias/2020/02/em-mensagem-ao-congresso-presidente-bolsonaro-destaca-avancos-do-governo>

On 3 March 2020, the House of Representatives promoted the realization of diverse activities in celebration of International Women's Day, through the Secretária da Mulher.¹⁷⁰⁷ The initiative is called Março Mulher and will provide seminars, cultural activities and workshops about the challenges of women in politics, fighting stereotypes against women, and women's participation in the Brazilian parliament.¹⁷⁰⁸

While Brazil has come out with plans to invest in public education with the goal of reducing inequalities among the population, it has not implemented any tangible policies, or built on existing ones, in line with supporting girls' and women's education, or increasing their access to STEM.

Thus, Brazil receives a score of -1.

Analyst: Samantha Moura Novais de Quadros

Canada: 0

China has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 13 February 2020, Prime Minister Justin Trudeau attended the official opening of the International Development Research Centre's new regional office in Dakar, Senegal, where he emphasized Canada's support for innovative research.¹⁷⁰⁹ He met with students and young research professionals whose projects focus on several topics including advancement of technology.¹⁷¹⁰ The goal is to advance gender equality and provide better educational opportunities for adolescent girls in Senegal.¹⁷¹¹

On 10 February 2020, Prime Minister Trudeau announced support for the African Union Commission's efforts to advance gender equality.¹⁷¹² Through investments, Canada will help increase economic opportunities and address barriers for 150,000 women in East Africa.¹⁷¹³

¹⁷⁰⁷ Câmara Realiza Debates e Atividades Culturais no Mês da Mulher 02/03/2020. Câmara dos Deputados (Brasília) 3 March 2020. Access date: 15 March 2020. <https://www.camara.leg.br/noticias/641157-camara-realiza-debates-e-atividades-culturais-no-mes-da-mulher/>

¹⁷⁰⁸ Câmara Realiza Debates e Atividades Culturais no Mês da Mulher 02/03/2020. Câmara dos Deputados (Brasília) 3 March 2020. Access date: 15 March 2020. <https://www.camara.leg.br/noticias/641157-camara-realiza-debates-e-atividades-culturais-no-mes-da-mulher/>

¹⁷⁰⁹ Prime Minister Concludes Productive Visit to Senegal, Prime Minister of Canada (Dakar) 13 February 2020. Access Date: 20 March 2020. <https://pm.gc.ca/en/news/news-releases/2020/02/13/prime-minister-concludes-productive-visit-senegal>

¹⁷¹⁰ Prime Minister Concludes Productive Visit to Senegal, Prime Minister of Canada (Dakar) 13 February 2020. Access Date: 20 March 2020. <https://pm.gc.ca/en/news/news-releases/2020/02/13/prime-minister-concludes-productive-visit-senegal>

¹⁷¹¹ Prime Minister Concludes Productive Visit to Senegal, Prime Minister of Canada (Dakar) 13 February 2020. Access Date: 20 March 2020. <https://pm.gc.ca/en/news/news-releases/2020/02/13/prime-minister-concludes-productive-visit-senegal>

¹⁷¹² Prime Minister Concludes Productive Visit to Ethiopia to Promote Partnerships, Prime Minister of Canada (Addis Ababa) 10 February 2020. Access date: 20 March 2020. <https://pm.gc.ca/en/news/news-releases/2020/02/10/prime-minister-concludes-productive-visit-ethiopia-promote>

¹⁷¹³ Prime Minister Concludes Productive Visit to Ethiopia to Promote Partnerships, Prime Minister of Canada (Addis Ababa) 10 February 2020. Access date: 20 March 2020. <https://pm.gc.ca/en/news/news-releases/2020/02/10/prime-minister-concludes-productive-visit-ethiopia-promote>

Through increasing investing in gender equality abroad, by targeting women's access to education, Canada has partially complied with its commitment to continue support for girls' and women's education. However, it has not taken action to improve girls' and women's access to STEM.

Thus, Canada receives a score of 0.

Analyst: Christina Muia

China: -1

China has not complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 17 August 2019, the Government of China released a white paper on vocational education and training in Xinjiang province.¹⁷¹⁴ The education and training centers will employ qualified teachers, using textbooks compiled especially for the trainees, teaching in the same way as in regular schools in order to rapidly improve their ability in the use of standard spoken and written Chinese.¹⁷¹⁵ Improving the trainees' command of standard spoken and written Chinese helps them to learn about science and technology, acquire vocational skills, seek work in other locations, communicate with other ethnic groups, and adapt better to life in modern society, subject to the condition that their right to use their own ethnic spoken and written languages is respected.¹⁷¹⁶

China has not taken any actions or made any collaborative commitments to support girls' and women's education and training, including improved access to STEM (Science, Technology, Engineering and Mathematics).

Thus, China receives a score of -1.¹⁷¹⁷

Analyst: Ruoban Mu

France: 0

France has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 20 November 2019, Minister of National Education and Youth Jean-Michel Blanquer launched the program "1 Scientist — 1 class: Chiche!"¹⁷¹⁸ This program is designed to bring students and

¹⁷¹⁴ Vocational Education and Training in XinJiang, The State Council of the People's Republic of China (Beijing) 17 August 2019. Access Date: 2 February 2020.

http://english.www.gov.cn/archive/whitepaper/201908/17/content_WS5d57573cc6d0c6695ff7ed6c.html.

¹⁷¹⁵ Vocational Education and Training in XinJiang, The State Council of the People's Republic of China (Beijing) 17 August 2019. Access Date: 2 February 2020.

http://english.www.gov.cn/archive/whitepaper/201908/17/content_WS5d57573cc6d0c6695ff7ed6c.html

¹⁷¹⁶ Vocational Education and Training in XinJiang, The State Council of the People's Republic of China (Beijing) 17 August 2019. Access Date: 2 February 2020.

http://english.www.gov.cn/archive/whitepaper/201908/17/content_WS5d57573cc6d0c6695ff7ed6c.html

¹⁷¹⁷This non-compliance was determined after a search of the following websites: <https://www.gov.cn/english/>,

<https://asiapacific.unwomen.org/en/countries/china>, <http://www.most.gov.cn/eng/eng/index.htm>,

<https://www.unwomen.org/en/search-results?keywords=china>,

¹⁷¹⁸ "1 scientifique 1 classe : Chiche !" : un Programme Ambitieux de Médiation Scientifique Dédié à l'Informatique et aux Sciences du Numérique (Paris) 20 November 2019. Access date: 15 March 2020. <https://www.education.gouv.fr/1-scientifique-1-classe-chiche-un-programme-ambitieux-de-mediation-scientifique-dedie-l-informatique-9992>

digital researchers together to foster an interest in science and math, especially amongst young women.¹⁷¹⁹

On 28 November 2019, the French government introduced a five-year strategy for 2019 — 2024: La Convention Interministérielle pour l'égalité Entre les Filles et les Garçons, les Femmes et les Hommes dans le système Éducatif (Interministerial Convention for the Equality of Boys and Girls in the Education System).¹⁷²⁰ The report has five goals: train all staff in equality, transmit to young people a culture of equality and mutual respect, combat gender-based and sexual violence and move towards a greater diversity of training courses.¹⁷²¹

On 24 January 2020, the government of France alongside the National Women's Institute and UN Women announced the themes of the Coaliciones para la Acción del Foro Generacion Igualdad.¹⁷²² This is a forum where governments, civil society, the private sector and international organizations cooperate to achieve "concrete and transformative intergenerational results" for girls and women.¹⁷²³ The goal is to design a feminist agenda and action plans that will generate "tangible and irreversible results for gender equality during 2020-2030."¹⁷²⁴ The agenda will address diverse issues such as education, structural inequalities and changes in gender norms.¹⁷²⁵

France has made some efforts improving access for girls and women to STEM with the "1 Scientist — 1 class: Chiche!" program, however, it has not made any efforts to continue support for girls' and women's education and training.

Thus, France receives a score of 0.

Analyst: Samantha Parker

¹⁷¹⁹ "1 scientifique 1 classe : Chiche !" : un Programme Ambitieux de Médiation Scientifique Dédié à l'Informatique et aux Sciences du Numérique (Paris) 20 November 2019. Access date: 15 March 2020. <https://www.education.gouv.fr/1-scientifique-1-classe-chiche-un-programme-ambitieux-de-mediation-scientifique-dedie-l-informatique-9992>

¹⁷²⁰ Convention Interministérielle pour l'égalité Entre les Filles et les Garçons, les Femmes et les Hommes dans le Système Éducatif (Paris) 16 December 2019. Access date: 5 February 2020. https://cache.media.eduscol.education.fr/file/MDE/11/6/VFinale_Convention_Interminis_Egalite_Nov2019_1211116.pdf

¹⁷²¹ Convention Interministérielle pour l'égalité Entre les Filles et les Garçons, les Femmes et les Hommes dans le Système Éducatif (Paris) 16 December 2019. Access date: 5 February 2020. https://cache.media.eduscol.education.fr/file/MDE/11/6/VFinale_Convention_Interminis_Egalite_Nov2019_1211116.pdf

¹⁷²² Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷²³ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷²⁴ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷²⁵ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

Germany: +1

Germany has fully complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 18 September 2019, the Ministry of Education and Research requested proposals for international collaborative projects in STEM in order to support a unique opportunity for women to pursue scientific research at institutions in Germany and Africa.¹⁷²⁶ The research collaboration is intended to serve the Programme Advocating Women Scientists in STEM, which was established to promote STEM among women.¹⁷²⁷

On 16 October 2019, the Ministry of Economic Cooperation and Development (BMZ) stated its support for SAP Africa Code Week 2019.¹⁷²⁸ In this announcement, BMZ also stated its role in conducting workshops in 12 Africa countries with the focus of training girls and women.¹⁷²⁹

On 23 October 2019, the BMZ collaborated with the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) colleagues from Cameroon and Mozambique to host a #eSkills4Girls pre-conference workshop.¹⁷³⁰ The workshop aims to strengthen digital skill building for girls and women as well as discuss project implementation concepts regarding digital skill development.¹⁷³¹

On 27 November 2019, the BMZ announced support for the Equals in Tech Awards at the Internet Governance Forum in Berlin.¹⁷³² The Equals in Tech Awards awards individuals and organizations that expand girls' and women's access, skills, and opportunities in the digital world.¹⁷³³

On 2-6 March 2020, GIZ and the Betterplace Lab planned to organize a workshop at the UNESCO Mobile Learning Week 2020, on behalf of the BMZ.¹⁷³⁴ The workshop will examine STEM technologies such as artificial intelligence, blockchain and virtual reality as potential tools for quality education, education administration and labour market match.¹⁷³⁵ GIZ will also present the publication of Toolkit "Education and Digitalisation in the Development Cooperation," on behalf of

¹⁷²⁶ Programme Advocating Women Scientists in STEM (PAWS), Pre-Leap-Re (Gif-sur-Yvette), 18 September 2019. Access Date: 29 March 2020. <http://www.leap-re.eu/2019/09/18/programme-advocating-women-scientists-in-stem-paws/>

¹⁷²⁷ Programme Advocating Women Scientists in STEM (PAWS), Pre-Leap-Re (Gif-sur-Yvette), 18 September 2019. Access Date: 29 March 2020. <http://www.leap-re.eu/2019/09/18/programme-advocating-women-scientists-in-stem-paws/>

¹⁷²⁸ SAP Africa Code Week 2019, #eSkills4Girls (Bonn), 16 October 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷²⁹ SAP Africa Code Week 2019, #eSkills4Girls (Bonn), 16 October 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³⁰ eLearning Africa Workshop on #eSkills4Girls, #eSkills4Girls (Bonn), 23 October 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³¹ eLearning Africa Workshop on #eSkills4Girls, #eSkills4Girls (Bonn), 23 October 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³² Equals in Tech-Awards, #eSkills4Girls (Bonn), 27 November 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³³ Equals in Tech-Awards, #eSkills4Girls (Bonn), 27 November 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³⁴ UNESCO Mobile Learning Week 2020, #eSkills4Girls (Bonn), 2 March 2020. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³⁵ UNESCO Mobile Learning Week 2020, #eSkills4Girls (Bonn), 2 March 2020. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

BMZ.¹⁷³⁶ The publication aims to provide insight on how digital technologies can assist inclusion in education where each individual has an equal opportunity for educational progress.¹⁷³⁷

Germany has fully complied with commitments to support girls' and women's education and training, including improved access to STEM by supporting international collaborative initiatives that include digital training workshops and tools to help quality education.

Thus, Germany receives a score of +1.

Analyst: Christina Muia

India: +1

India has fully complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 14 February 2020, the Ministry of Skill Development and Entrepreneurship (MSDE) and the Ministry of Women and Child Development (WCD) co-hosted a national conference to discuss Policy Framework for providing skill-based training for women and children.¹⁷³⁸ The ministries invited officials of the WCD, MSDE, industrial organizations and institutions. The conference discussed issues such as supporting women's skill development and entrepreneurship.¹⁷³⁹

On 28 February 2020, President of India Ram Nath Kovind announced that three key initiatives will be implemented for gender advancement and equality in academic and research.¹⁷⁴⁰ Under this year's theme of Women in Science, the initiatives are Vigyan Jyoti, which allow meritorious girls in high school to pursue STEM subjects in their higher education, Gender Advancement for Transforming Institutions, meant to assess gender inequality in STEM as well as an online portal for science and technology resources for women.¹⁷⁴¹

On 8 March 2020, Union Minister for Science and Technology, Earth Science and Health and Family Welfare Harsh Vardhan commenced a helpline number for women students, researchers, entrepreneurs and scientists.¹⁷⁴² This helpline will provide immediate support to women scientists in STEM and will be available during office hours on working days.¹⁷⁴³ The aim of this initiative is to

¹⁷³⁶ UNESCO Mobile Learning Week 2020, #eSkills4Girls (Bonn), 2 March 2020. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³⁷ UNESCO Mobile Learning Week 2020, #eSkills4Girls (Bonn), 2 March 2020. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³⁸ Summary for the Month of February, 2020, Ministry of Skill Development (New Delhi) February 2020. Access Date: 12 March 2020. <https://www.msde.gov.in/assets/images/monthly%20summary/Feb2020.pdf>

¹⁷³⁹ Summary for the Month of February, 2020, Ministry of Skill Development (New Delhi) February 2020. Access Date: 12 March 2020. <https://www.msde.gov.in/assets/images/monthly%20summary/Feb2020.pdf>

¹⁷⁴⁰ National Science Day Brings Gender Equality in Science: President Announces Key Initiatives, Department of Science and Technology (New Delhi) 28 February 2020. Access Date: 27 March 2020. <https://dst.gov.in/national-science-day-brings-gender-equality-science-president-announces-key-initiatives>

¹⁷⁴¹ National Science Day Brings Gender Equality in Science: President Announces Key Initiatives, Department of Science and Technology (New Delhi) 28 February 2020. Access Date: 27 March 2020. <https://dst.gov.in/national-science-day-brings-gender-equality-science-president-announces-key-initiatives>

¹⁷⁴² Dr. Harsh Vardhan Launches Women Helpline for S&T Schemes, Department of Science and Technology (New Delhi) 28 February 2020. Access Date: 27 March 2020. <https://dst.gov.in/dr-harsh-varadhan-launches-women-helpline-st-schemes>

¹⁷⁴³ Dr. Harsh Vardhan Launches Women Helpline for S&T Schemes, Department of Science and Technology (New Delhi) 28 February 2020. Access Date: 27 March 2020. <https://dst.gov.in/dr-harsh-varadhan-launches-women-helpline-st-schemes>

allow women students and researchers to have one point of access for information on one dedicated number.¹⁷⁴⁴

India has fully complied with supporting girls' and women's education and training and increasing access for women to STEM. Through establishing the three initiatives, as well as the helpline, the Indian government is taking concrete steps in complying to their commitments in supporting girls' and women's education and training, as well as improved access to STEM.

Thus, it receives a score of +1.

Analyst: Parul Wadhwa

Indonesia: -1

Indonesia has not complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

Indonesia has not taken any actions or made any collaborative commitments to support girls' and women's education and training, including improved access to STEM.

Thus, Indonesia receives a score of -1.¹⁷⁴⁵

Analyst: Ruohan Mu

Italy: 0

Italy has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 26 August 2019, the Government of Italy contributed a grant of EUR1 million to UNICEF Eritrea.¹⁷⁴⁶ The monetary grant is intended to support UNICEF's programme to provide education and life-skills opportunities.¹⁷⁴⁷ The programme will identify girls and children from disadvantaged families and provide them with cash incentives to support educational materials.¹⁷⁴⁸ Its aim is to promote girls' enrollment in school and transition to secondary education.¹⁷⁴⁹

Italy has demonstrated support for girls' and women's education and training by financially supporting educational programs in Africa. However, it has not taken action to improve access to.

¹⁷⁴⁴ Dr. Harsh Vardhan Launches Women Helpline for S&T Schemes, Department of Science and Technology (New Delhi) 28 February 2020. Access Date: 27 March 2020. <https://dst.gov.in/dr-harsh-varadhan-launches-women-helpline-st-schemes>

¹⁷⁴⁵ This non-compliance was determined after a search of the following websites:
https://www.ilo.org/jakarta/info/public/pr/WCMS_665945/lang--en/index.htm,
<https://www.thejakartapost.com/news/2020/02/14/groups-encourage-indonesian-women-to-break-stigma-join-stem.html>, <https://asiapacific.unwomen.org/en/countries/indonesia>, <http://www.indonesia.cz/?s=STEM>,
<http://www.indonesia.cz/?s=women>, <https://www.unwomen.org/en/get-involved/step-it-up/commitments/indonesia>.

¹⁷⁴⁶ Italy Grants €1 Million to UNICEF Eritrea, TesfaNews (Asmara) 26 August 2019. Access Date: 30 March 2020.

<https://www.tesfanews.net/italy-grants-one-million-euro-unicef-eritrea/>

¹⁷⁴⁷ Italy Grants €1 Million to UNICEF Eritrea, TesfaNews (Asmara) 26 August 2019. Access Date: 30 March 2020.

<https://www.tesfanews.net/italy-grants-one-million-euro-unicef-eritrea/>

¹⁷⁴⁸ Italy Grants €1 Million to UNICEF Eritrea, TesfaNews (Asmara) 26 August 2019. Access Date: 30 March 2020.

<https://www.tesfanews.net/italy-grants-one-million-euro-unicef-eritrea/>

¹⁷⁴⁹ Italy Grants €1 Million to UNICEF Eritrea, TesfaNews (Asmara) 26 August 2019. Access Date: 30 March 2020.

<https://www.tesfanews.net/italy-grants-one-million-euro-unicef-eritrea/>

Thus, Italy receives a score of 0.

Analyst: Julia Orsini

Japan: 0

Japan has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 1 September 2019, the Gender Equality Bureau Cabinet Office held the first event of "Let's be a STEM girl!" in Hirosaki City, Aomori Prefecture.¹⁷⁵⁰ The Cabinet Office invited keynote speakers including an associate professor of the Waseda University gave a speech on being a woman in the STEM field.¹⁷⁵¹

On 21 September 2019, the Gender Equality Bureau Cabinet Office held the second event of "Let's be a STEM girl!" for children, students, and parents to learn about science.¹⁷⁵² The event included keynote speeches and experimental science experiments.¹⁷⁵³

On 24 September 2019, Prime Minister Shinzo Abe announced at a United Nations General Assembly that Japan pledges to "promote inclusive quality education for all girls and women."¹⁷⁵⁴ He expressed Japan's goal to educate a minimum of nine million children and young people in Sub-Saharan African and Asian nations.¹⁷⁵⁵ The goal includes expanding e-learning for primary school children in Sri Lanka and providing internet-based mathematics and science education in Rwanda.¹⁷⁵⁶

On 5 October 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in STEM in Nagasaki.¹⁷⁵⁷ The Cabinet Office introduced female employees in the STEM sector and held a workshop where participants learned and utilized technological products.¹⁷⁵⁸

On 4 November 2019, the Gender Equality Bureau Cabinet Office held an event in Maizuru that included lectures from Member of the Cabinet Office Ms. Miyoko Watanabe¹⁷⁵⁹ The event also included an experiment where participants had to utilize programming and algorithms.¹⁷⁶⁰

¹⁷⁵⁰ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 1 September 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁵¹ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 1 September 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁵² STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 21 September 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁵³ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 21 September 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁵⁴ At UN Debate, Japan Vows to Back Global Push for Inclusive Quality Education for All Girls and Women, United Nations News (New York) 24 September 2019. Access Date: 7 February 2020. <https://news.un.org/en/story/2019/09/1047382>

¹⁷⁵⁵ At UN Debate, Japan Vows to Back Global Push for Inclusive Quality Education for All Girls and Women, United Nations News (New York) 24 September 2019. Access Date: 7 February 2020. <https://news.un.org/en/story/2019/09/1047382>

¹⁷⁵⁶ At UN Debate, Japan Vows to Back Global Push for Inclusive Quality Education for All Girls and Women, United Nations News (New York) 24 September 2019. Access Date: 7 February 2020. <https://news.un.org/en/story/2019/09/1047382>

¹⁷⁵⁷ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 5 October 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁵⁸ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 5 October 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

On 10 November 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in the STEM field.¹⁷⁶¹ The event included lectures from female employees from the STEM sector and an experimental classroom workshop on science.¹⁷⁶²

On 16 November 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in the STEM field.¹⁷⁶³ The event included lectures from Member from the Cabinet Office Fusako Zunaiden and an experimental classroom workshop on electric circuits¹⁷⁶⁴

On 23 November 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in the STEM field.¹⁷⁶⁵ The event included a lecture from a worker of the Cabinet Office, Emi Tamaki, and an experimental classroom workshop on 3D technology.¹⁷⁶⁶

On 1 December 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in the STEM field.¹⁷⁶⁷ The event included lectures from workers from the Cabinet Office and an experimental classroom workshop on science.¹⁷⁶⁸

On 15 December 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in the STEM field.¹⁷⁶⁹ The event included lectures from workers from the Cabinet Office and an experimental classroom workshop on DNA.¹⁷⁷⁰

On 20 February 2020, Ambassador of Japan to Egypt Masaki Nokem and Chair of Gozour Foundation for Development Ali Moktar signed a grant contract of USD83,708 to implement

¹⁷⁵⁹ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 4 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁰ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 4 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶¹ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 10 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶² STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 10 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶³ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 16 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁴ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 16 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁵ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 23 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁶ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 23 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁷ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 1 December 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁸ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 1 December 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁹ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 15 December 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁷⁰ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 15 December 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

vocational skills training for women in Old Cairo and its surrounding areas.¹⁷⁷¹ This grant aims to aid women in need to become employable and generate income opportunities.¹⁷⁷²

Japan has actively promoted government-sponsored activities through STEM Girl Ambassadors that support the training of girls and women in the STEM field. Additionally, Japan has collaborated with other nations to expand education and vocational training programs in those countries. However, Japan has yet to act on its commitment to improve the accessibility of STEM for girls and women such as by improving affordability or government support.

Thus, Japan receives a score of 0.

Analyst: Wing Ka Tsang

Korea: +1

Korea has fully complied with its commitment to continue support for girls' and women's education and vocational training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 21 October 2019, the Ministry of Gender Equality and Family opened its first training session for the women's vocational training for trainees from developing countries in Asia.¹⁷⁷³ The training session included a visit to the Saeil center for Vocational Training for Women in Wanju and Dongdaemun Design Plaza to discuss policies for nurturing the vocational capabilities of women in their home countries.¹⁷⁷⁴ This program is intended to teach vocational training policies for trainees that will be used in the developing countries of Asia.¹⁷⁷⁵

On 26 December 2019, the Ministry of Gender Equality and Family wrote a memorandum of understanding (MOU) with the Ministry of Employment of Sweden for policy exchangers of the improvement of gender equality.¹⁷⁷⁶ The MOU included a provision on joint operation of lectures and education programs as well as internal conferences on gender equality.¹⁷⁷⁷

¹⁷⁷¹ Japan provides assistance for empowerment and employment support for women in Old Cairo, Embassy of Japan in Egypt (Egypt) 20 February 2020. Access Date: 15 March 2020. https://www.eg.emb-japan.go.jp/itpr_en/00_000085.html

¹⁷⁷² Japan provides assistance for empowerment and employment support for women in Old Cairo, Embassy of Japan in Egypt (Egypt) 20 February 2020. Access Date: 15 March 2020. https://www.eg.emb-japan.go.jp/itpr_en/00_000085.html

¹⁷⁷³ Group of trainees from developing countries in Asia visit places of vocational education for women in Korea, Ministry of Gender Equality and Family (Seoul) 29 October 2019. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbsn=706604

¹⁷⁷⁴ Group of trainees from developing countries in Asia visit places of vocational education for women in Korea, Ministry of Gender Equality and Family (Seoul) 29 October 2019. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbsn=706604

¹⁷⁷⁵ Group of trainees from developing countries in Asia visit places of vocational education for women in Korea, Ministry of Gender Equality and Family (Seoul) 29 October 2019. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbsn=706604

¹⁷⁷⁶ Korea to strengthen cooperation with Sweden for gender equality, Ministry of Gender Equality and Family (Seoul) 26 December 2019. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbsn=706771

¹⁷⁷⁷ Korea to strengthen cooperation with Sweden for gender equality, Ministry of Gender Equality and Family (Seoul) 26 December 2019. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbsn=706771

On 10 February 2020, the Minister of Gender Equality and Family signed a MOU with the Minister of Science and ICT in advancing policies for women in the sectors of science and technology.¹⁷⁷⁸ The MOU included a provision on the “enhancement of women’s science/engineering-related power.”¹⁷⁷⁹ The ministers announced a plan to expand the number of science/technology-based centers for women.¹⁷⁸⁰ They also stated their intention of providing support for women who want to specialize in science/technology.¹⁷⁸¹

Korea has fully complied with its commitment to continue support for girls’ and women’s education and training by providing vocational training programs and planning on coordinating education programs with other countries. Korea has also demonstrated action in increasing girls’ and women’s increased access to STEM by issuing a MOU for women’s increased participation in the science and technology sector.

Thus, Korea receives a score of +1.

Analyst: Wing Ka Tsang

Mexico: 0

Mexico has partially complied with its commitment to continue support for girls’ and women’s education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 21 November 2019, President Andrés Manuel López Obrador signed the Agreement for Equality between Women and Men.¹⁷⁸² The objective is to warrant political participation of women, equal access to health, education and economic resources.¹⁷⁸³ Amongst the commitments, it was stated that Mexico commits to the creation of more formal work, better conditions and more rights for women as well as ensuring equal opportunities, education, respect, peace and security for women.¹⁷⁸⁴

On 9 January 2020, the Ministry of Foreign Relations released a policy with the application of “a gender perspective across all sectors.”¹⁷⁸⁵ The objective of the policy is “to reduce and eliminate structural differences, gender gaps and inequalities, in order to build a more just and prosperous society.”¹⁷⁸⁶ The policy is intended to make visible contribution of women to foreign policy, provide

¹⁷⁷⁸ Science/Technology policies for women/youth/family, Ministry of Gender Equality and Family (Seoul) 10 February 2020. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbsn=706860

¹⁷⁷⁹ Science/Technology policies for women/youth/family, Ministry of Gender Equality and Family (Seoul) 10 February 2020. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbsn=706860

¹⁷⁸⁰ Science/Technology policies for women/youth/family, Ministry of Gender Equality and Family (Seoul) 10 February 2020. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbsn=706860

¹⁷⁸¹ Science/Technology policies for women/youth/family, Ministry of Gender Equality and Family (Seoul) 10 February 2020. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbsn=706860

¹⁷⁸² Suplemento TODAS Mujeres Juntas Transformando México 13/08/2019. Gobierno de México (Mexico City) 13 August 2019. Access Date: 11 February 2020. <https://www.gob.mx/inmujeres/es/articulos/suplemento-todas-mujeres-transformando-mexico?idiom=es>

¹⁷⁸³ Suplemento TODAS Mujeres Juntas Transformando México 13/08/2019. Gobierno de México (Mexico City) 13 August 2019. Access Date: 11 February 2020. <https://www.gob.mx/inmujeres/es/articulos/suplemento-todas-mujeres-transformando-mexico?idiom=es>

¹⁷⁸⁴ Suplemento TODAS Mujeres Juntas Transformando México 13/08/2019. Gobierno de México (Mexico City) 13 August 2019. Access Date: 11 February 2020. <https://www.gob.mx/inmujeres/es/articulos/suplemento-todas-mujeres-transformando-mexico?idiom=es>

¹⁷⁸⁵ Mexico Adopts Feminist Foreign Policy 09/01/2020. Gobierno de México (Mexico City) 9 January 2020. Access Date: 10 March 2020. <https://www.gob.mx/sre/prensa/mexico-adopts-feminist-foreign-policy?idiom=en>

¹⁷⁸⁶ Mexico Adopts Feminist Foreign Policy 09/01/2020. Gobierno de México (Mexico City) 9 January 2020. Access Date: 10 March 2020. <https://www.gob.mx/sre/prensa/mexico-adopts-feminist-foreign-policy?idiom=en>

vocational workshops as well as provide other initiatives that encourage gender equality and non-discrimination.¹⁷⁸⁷

On 24 January 2020, the National Women's Institute alongside the government of France and UN Women announced the themes of the “Coaliciones para la Acción del Foro Generación Igualdad.”¹⁷⁸⁸ This forum is intended for governments, civil society, the private sector and international organizations to cooperate and achieve “concrete and transformative intergenerational results” for girls and women.¹⁷⁸⁹ The goal is to design an agenda and action plans that will generate “tangible and irreversible results for gender equality during 2020-2030.”¹⁷⁹⁰ The agenda will address diverse issues such as education, structural inequalities and changes in gender norms.¹⁷⁹¹

On 3 January 2020, the Minister of Public Education reaffirmed the importance of STEM for Mexico's New Mexican School program.¹⁷⁹² The program was introduced on 11 May 2020 by Mexico's Ministry of Public Education and is set to be implemented in the 2021-22 school year.¹⁷⁹³ The program is a new education model that will include promotion of gender equality, STEM-related fields, Indigenous languages, and sexual and reproductive health education, among other topics.

Mexico has implemented programs and initiatives that support girls' and women's education and training by developing strategies to reduce gender inequality in areas such as: education, health, politics and safety. Mexico has taken partial steps to improve girls' and women's access to STEM.

Thus, Mexico receives a score of 0.

Analyst: Samantha Moura Novais de Quadros

Russia: 0

Russia has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 9 December 2019, the Ministry of Labor and Social Protection approved an action plan to implement the 2019-2022 National Strategy for Women, which provides measures to improve the

¹⁷⁸⁷ Mexico Adopts Feminist Foreign Policy 09/01/2020. Gobierno de México (Mexico City) 9 January 2020. Access Date: 10 March 2020. <https://www.gob.mx/sre/prensa/mexico-adopts-feminist-foreign-policy?idiom=en>

¹⁷⁸⁸ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷⁸⁹ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷⁹⁰ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷⁹¹ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷⁹² Nuevo Modelo Educativo Busca Sociedad Incorruptible: SEP, Milenio, 3 January 2020. Access Date: 25 September 2020. <https://www.milenio.com/politica/modelo-educativo-busca-sociedad-incorruptible-sep>

¹⁷⁹³ Qué es la Nueva Escuela Mexicana (NEM), Nueva Escuela Mexicana, n.d. Access Date: 25 September 2020.

status and prosperity of women of all ages, politically, economically and socially.¹⁷⁹⁴ The ministry, with various women's public organizations, formed 20 projects aimed at enhancing women's roles in the digital society, industry and all spheres of life, through use of new technologies.¹⁷⁹⁵ Joint efforts of the federal centre and respective regions is intended to ensure success of the programs.¹⁷⁹⁶

On 20 January 2020, Deputy Chair of the Federation Council Galina Karelova met with women leaders of regional public women's entrepreneurial organizations.¹⁷⁹⁷ The event's aim was to discuss ways of creating conducive operating environments for women, and finding ways to include them in economic issues.¹⁷⁹⁸ Educational and financial projects programs were presented, endeavouring to increase accessibility to business, marketing and financial information by women.¹⁷⁹⁹

Russia has shown partial commitment to improving access to STEM sectors in its 2019-2020 National Strategy for Women, which aims to increase women's participation in the digital economy. However, there have been no actions taken to support girl's and women's education and training.

Thus, Russia receives a score of 0.

Analyst: Lucia Dhafana-Mabika

Saudi Arabia: +1

Saudi Arabia has fully complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 10 July 2019, the Permanent Delegation of Saudi Arabia to the United Nations held a seminar on the role of quality education in increasing the participation of women in the labour market.¹⁸⁰⁰ The delegation held a panel discussion on the means of achievement and the percentage of Saudi women

¹⁷⁹⁴ G. Karelova: Regions Should be More Actively Involved in the Development of Plans for the implementation of the National Strategy for Women, Eurasian Female Forum (St. Petersburg) 9 December 2019. Access Date: 31 January 2020. <http://eawf.ru/press/2794/>

¹⁷⁹⁵ G. Karelova: Regions Should be More Actively Involved in the Development of Plans for the implementation of the National Strategy for Women, Eurasian Female Forum (St. Petersburg) 9 December 2019. Access Date: 31 January 2020. <http://eawf.ru/press/2794/>

¹⁷⁹⁶ G. Karelova: Regions Should be More Actively Involved in the Development of Plans for the implementation of the National Strategy for Women, Eurasian Female Forum (St. Petersburg) 9 December 2019. Access Date: 31 January 2020. <http://eawf.ru/press/2794/>

¹⁷⁹⁷ Eurasian Female Forum: Galina Karelova met With Women Leaders of Regional Public Women's Entrepreneurial Organizations, Eurasian Female Forum (St. Petersburg) 20 January 2020. Access Date: 31 January 2020. <http://eawf.ru/press/2792/>

¹⁷⁹⁸ Eurasian Female Forum: Galina Karelova met With Women Leaders of Regional Public Women's Entrepreneurial Organizations, Eurasian Female Forum (St. Petersburg) 20 January 2020. Access Date: 31 January 2020. <http://eawf.ru/press/2792/>

¹⁷⁹⁹ Eurasian Female Forum: Galina Karelova met With Women Leaders of Regional Public Women's Entrepreneurial Organizations, Eurasian Female Forum (St. Petersburg) 20 January 2020. Access Date: 31 January 2020. <http://eawf.ru/press/2792/>

¹⁸⁰⁰ Saudi Arabia's Delegation to the United Nations Holds a Symposium on the Role of Education in Increasing the Participation of Women in the Labor Market, Saudi Press Agency (New York) 10 July 2019. Access Date: February 5 2020. <https://www.spa.gov.sa/viewfullstory.php?lang=en&newsid=1944650>

working in Saudi Arabia, as well as national policies to increase their participation in the labor market, one of the most important objectives of Vision 2030.¹⁸⁰¹

On 7 September 2019, the Ministry of Labour and Social Development announced the graduation of 120 women trainees from their Leadership Training and Guidance initiative.¹⁸⁰² Their continued support of this initiative aims to train up to 1,700 women with vocational and leadership training to work in the private sector.¹⁸⁰³ The training included network-making opportunities, lessons on strategic planning, and the training women to work in the government in the future.¹⁸⁰⁴

On 8 March 2020, the Ministry of Communication and Information Technology (MCIT) hosted the second Women Enablement in Technology Sector Summit at the King Abdullah Petroleum Studies and Research Center in Riyadh.¹⁸⁰⁵ The Summit is intended to promote and train women to enter the information and communications technology (ICT) field in accordance with the Kingdom's Vision 2030.¹⁸⁰⁶ In the summit, Microsoft announced that it will partner with MCIT to invest in STEM education for women. This initiative will include training 600 female students in ICT.¹⁸⁰⁷

Saudi Arabia has demonstrated action in increasing girls' and women's access to STEM by holding a summit and creating an initiative to invest in training for information technology. It has also taken action to continue its support of providing education and vocational training for women.

Thus, Saudi Arabia receives a score of +1.

Analyst: Parul Wadhawan

South Africa: 0

South Africa has partially complied with its commitment to support education and vocational training for girls and women as well as increase access to science, technology, engineering and mathematics (STEM) fields.

On 9 August 2019, Minister of the Department of Women, Youth and Persons with Disabilities Maite Nkoana-Mashabane announced a gender equality campaign called “#WhatWomenWant.”¹⁸⁰⁸

¹⁸⁰¹ Saudi Arabia's Delegation to the United Nations Holds a Symposium on the Role of Education in Increasing the Participation of Women in the Labor Market, Saudi Press Agency (New York) 10 July 2019. Access Date: February 5 2020. <https://www.spa.gov.sa/viewfullstory.php?lang=en&newsid=1944650>

¹⁸⁰² Female trainees graduate through Saudi ministry's leadership initiative, Arab News (Riyadh) 09 September 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1551131/saudi-arabia>

¹⁸⁰³ Female trainees graduate through Saudi ministry's leadership initiative, Arab News (Riyadh) 09 September 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1551131/saudi-arabia>

¹⁸⁰⁴ Female trainees graduate through Saudi ministry's leadership initiative, Arab News (Riyadh) 09 September 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1551131/saudi-arabia>

¹⁸⁰⁵ Microsoft Arabia's 'DigiGirlz 2020' to train women in ICT, Arab News (Riyadh) 29 March 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1649131/corporate-news>

¹⁸⁰⁶ Microsoft Arabia's 'DigiGirlz 2020' to train women in ICT, Arab News (Riyadh) 29 March 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1649131/corporate-news>

¹⁸⁰⁷ Microsoft Arabia's 'DigiGirlz 2020' to train women in ICT, Arab News (Riyadh) 29 March 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1649131/corporate-news>

¹⁸⁰⁸ The #WhatWomenWant campaign: Here are all the details, Times LIVE (Johannesburg) 9 August 2019. Access Date: 12 December 2019. <https://www.timeslive.co.za/news/south-africa/2019-08-09-the-whatwomenwant-campaign-here-are-all-the-details/>

This campaign aims to encourage women to talk about the challenges they face and to reflect on South Africa's achievements towards gender equality.¹⁸⁰⁹

On 18 September 2019, the Department of Women, Youth and Persons with Disabilities approved the national Sanitary Dignity Implementation Framework.¹⁸¹⁰ The framework operationalizes girls' and women's access to sanitary dignity.¹⁸¹¹ This framework is intended to improve girls' access to education. It specifies that the government will address the sanitary dignity for girls in rural schools and women attending post-school education and vocational training institutions.¹⁸¹²

South Africa has supported education and vocational training for girls by passing a national framework aimed at alleviating gender disparity in educational institutions. However, it has not taken action to increase girls' and women's improved access to STEM.

Thus, South Africa receives a score of 0.

Analyst: Brandon Yih

Turkey: 0

Turkey has partially complied with its commitment to support education and vocational training for girls and women as well as increasing girls' and women's access to science, technology, engineering and mathematics (STEM) fields.

On 24 September 2019, the Turkish Cooperation and Coordination Agency (TIKA) and the United Nations Relief and Works Agency for Palestine Refugees in the Near East (UNRWA) inaugurated the UNRWA Amman New Camp Preparatory Girls' School 1 and 2.¹⁸¹³ Turkish Minister of Culture and Tourism Mohammad Nuri Ersoy noted that education for all, including girls and refugees, is a key focus for TIKA.¹⁸¹⁴

Turkey has partially complied with its commitment to promote education and vocational training for girls and women by working with international agencies to support educational initiatives. However, Turkey has not introduced any measures to improve access for women to STEM.

¹⁸⁰⁹ The #WhatWomenWant campaign: Here are all the details, Times LIVE (Johannesburg) 9 August 2019. Access Date: 12 December 2019. <https://www.timeslive.co.za/news/south-africa/2019-08-09-the-whatwomenwant-campaign-here-are-all-the-details/>

¹⁸¹⁰ The girl-child's menstrual voice has been heard in South Africa, Department of Women, Youth & Persons with Disabilities (Pretoria) 11 October 2019. Access Date: 29 March 2020. <http://www.women.gov.za/images/20191011-International-Day-of-the-Girl-Child.pdf>

¹⁸¹¹ The girl-child's menstrual voice has been heard in South Africa, Department of Women, Youth & Persons with Disabilities (Pretoria) 11 October 2019. Access Date: 29 March 2020. <http://www.women.gov.za/images/20191011-International-Day-of-the-Girl-Child.pdf>

¹⁸¹² The girl-child's menstrual voice has been heard in South Africa, Department of Women, Youth & Persons with Disabilities (Pretoria) 11 October 2019. Access Date: 29 March 2020. <http://www.women.gov.za/images/20191011-International-Day-of-the-Girl-Child.pdf>

¹⁸¹³ Government of Turkey Supports UNRWA Education Programme in Jordan Through TIKA, United Nations Relief and Works Agency for Palestine Refugees in the Near East (Amman) 24 September 2019. Access Date: 12 December 2019. <https://www.unrwa.org/newsroom/press-releases/government-turkey-supports-unrwa-education-programme-jordan-through-tika>

¹⁸¹⁴ Government of Turkey Supports UNRWA Education Programme in Jordan Through TIKA, United Nations Relief and Works Agency for Palestine Refugees in the Near East (Amman) 24 September 2019. Access Date: 12 December 2019. <https://www.unrwa.org/newsroom/press-releases/government-turkey-supports-unrwa-education-programme-jordan-through-tika>

Thus, Turkey receives a score of 0.

Analyst: Brandon Yib

United Kingdom: 0

The United Kingdom has partially complied with its commitment to continue support for girls' and women's education and vocational training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 20 September 2019, the British Embassy in Warsaw, Poland, and the UK Science and Innovation Network, alongside the Polish Embassy in London and the Polish Ministry of Science and Higher Education, jointly hosted the second Polish-British Science Forum: Women in STEM at the Senate House in London.¹⁸¹⁵ The forum brought together top scientists to speak on the challenges and opportunities for women in STEM.¹⁸¹⁶ The Forum hosted workshops and a series of panel discussions focusing on girls and women taking up STEM education and careers and also gender equality in STEM in Poland and in the UK.¹⁸¹⁷

On 24 September 2019, Prime Minister Boris Johnson announced GBP515 million investment for over 12 million girls to go to school around the world.¹⁸¹⁸ This funding builds on the GBP90 million that was committed at the 2019 G7 Biarritz Summit and is part of the UK's promise to the Sustainable Development Goals.¹⁸¹⁹ The funding will ensure that girls receive basic literacy and numeracy education, get children in conflict zones into schools and mobilise investment for education in Africa and Asia with a focus on marginalised children.¹⁸²⁰

On 16 January 2020, the UK announced GBP3.5 million in aid for the SheTrades Commonwealth programme which boosts support for African women entrepreneurs to expand businesses into global markets.¹⁸²¹ With the UK support, the program will create up to 3,000 more jobs in female-run businesses and empower women in Kenya, Nigeria and Ghana will have greater access to business

¹⁸¹⁵ Second Polish-British Science Forum: Women in STEM, Ministry of Science and Higher Education, Government of Poland, Website of the Republic of Poland (Warsaw) September 2019. Access Date: 7 February 2020.

<https://www.gov.pl/web/science/2nd-polish-british-science-forum-women-in-stem>

¹⁸¹⁶ Second Polish-British Science Forum: Women in STEM, Ministry of Science and Higher Education, Government of Poland, Website of the Republic of Poland (Warsaw) September 2019. Access Date: 7 February 2020.

<https://www.gov.pl/web/science/2nd-polish-british-science-forum-women-in-stem>

¹⁸¹⁷ Second Polish-British Science Forum: Women in STEM, Ministry of Science and Higher Education, Government of Poland, Website of the Republic of Poland (Warsaw) September 2019. Access Date: 7 February 2020.

<https://www.gov.pl/web/science/2nd-polish-british-science-forum-women-in-stem>

¹⁸¹⁸ PM steps up UK effort to get every girl in the world into school, Prime Minister's Office, Government of the United Kingdom (London) 24 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/pm-steps-up-uk-effort-to-get-every-girl-in-the-world-into-school>

¹⁸¹⁹ PM steps up UK effort to get every girl in the world into school, Prime Minister's Office, Government of the United Kingdom (London) 24 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/pm-steps-up-uk-effort-to-get-every-girl-in-the-world-into-school>

¹⁸²⁰ PM steps up UK effort to get every girl in the world into school, Prime Minister's Office, Government of the United Kingdom (London) 24 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/pm-steps-up-uk-effort-to-get-every-girl-in-the-world-into-school>

¹⁸²¹ UK aid boost support for African women entrepreneurs to expand businesses into global markets, Department for International Development, Government of the United Kingdom (London) 16 January 2020. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-aid-boosts-support-for-african-women-entrepreneurs-to-expand-businesses-into-global-markets>

and trade opportunities.¹⁸²² The program also provides skills-based training and tailored business training and mentoring to help women entrepreneurs manage and promote their businesses better.¹⁸²³

The United Kingdom has passed initiatives showing continued support for girls' and women's education both domestically and abroad. It has also invested in vocational and technical training of women entrepreneurs in African countries. However, the UK has not taken action to improve girls' and women's access to STEM.

Thus, the United Kingdom receives a score of 0.

Analyst: Wing Ka Tsang

United States: 0

The United States has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 3 September 2019, Deputy Secretary of State, John Sullivan, stated that the United States will further the Women's Global Development and Prosperity (W-GDP) initiative launched in July 2019.¹⁸²⁴ The Women Entrepreneurs Finance Initiative aims to reach 50 million women in the developing world by 2025.¹⁸²⁵ This initiative will be a multi-donor trust fund managed by the World Bank and aims to boost market access, networks and promote skills enhancement, while strengthening entrepreneurship ecosystems in support of women-owned and women-led businesses.¹⁸²⁶ The aim is to reach more than 19,000 women, in underserved Latin America and Colombian communities.¹⁸²⁷

On 3 September 2019, the State Department's Bureau of Educational and Cultural Affairs launched a new program called the Academy for Women Entrepreneurs. The program aims to teach and mentor women around the world (launched in 26 countries) to become successful entrepreneurs.¹⁸²⁸ To

¹⁸²² UK aid boost support for African women entrepreneurs to expand businesses into global markets, Department for International Development, Government of United Kingdom (London) 16 January 2020. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-aid-boosts-support-for-african-women-entrepreneurs-to-expand-businesses-into-global-markets>

¹⁸²³ UK aid boost support for African women entrepreneurs to expand businesses into global markets, Department for International Development, Government of United Kingdom (London) 16 January 2020. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-aid-boosts-support-for-african-women-entrepreneurs-to-expand-businesses-into-global-markets>

¹⁸²⁴ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

¹⁸²⁵ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

¹⁸²⁶ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

¹⁸²⁷ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

¹⁸²⁸ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

support the program, Arizona State University's Thunderbird School of Global Management partnered with the mining company, Freeport-McMoRan to develop an online course, DreamBuilder, meant to help women formulate business plans.¹⁸²⁹

On 25 September 2019, the United States pledged USD13 million to Education Cannot Wait.¹⁸³⁰ This is a global fund that aims to enable access to inclusive and quality education for girls and boys affected by global humanitarian crises such as armed conflicts, forced displacements and natural disasters.¹⁸³¹ The funding was announced at the "Leave No One Behind: Accelerating the SDGs [Sustainable Development Goals] Through Quality Education" event held at UNICEF during the UN General Assembly.¹⁸³² The objective is to mobilize USD1.8 billion by 2021 to reach 9 million children.¹⁸³³

On 28 October 2019, Congressmen Brian Fitzpatrick and Senator Joaquin Castro introduced the Global Child Thrive Act.¹⁸³⁴ Senator Castro reaffirmed the United States' commitment to early childhood education in the developing world, stating that this "bill directs relevant federal departments and agencies to incorporate early childhood development into their work and builds on existing interagency collaboration."¹⁸³⁵

On 7 November 2019, the Office of Global Women's Issues reaffirmed their commitment to support women as a follow up to the launch of the W-GDP, which is the first ever whole-of-government approach to global women's economic empowerment.¹⁸³⁶ This Initiative's goal is to empower 50 million women by 2025.¹⁸³⁷ They confirmed support for the Academy for Women Entrepreneurs in partnership with Exxon Mobil, Coca-Cola, and the Pasifika Women Network.¹⁸³⁸

¹⁸²⁹ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

¹⁸³⁰ World Leaders Pledge a Record US\$216 million to Education Cannot Wait during United Nations General Assembly, Education Cannot Wait (New York) 25 September 2019. Access Date: 17 March 2020. <https://www.educationcannotwait.org/unga-2019-pledges/>

¹⁸³¹ World Leaders Pledge a Record US\$216 million to Education Cannot Wait during United Nations General Assembly, Education Cannot Wait (New York) 25 September 2019. Access Date: 17 March 2020. <https://www.educationcannotwait.org/unga-2019-pledges/>

¹⁸³² World Leaders Pledge a Record US\$216 million to Education Cannot Wait during United Nations General Assembly, Education Cannot Wait (New York) 25 September 2019. Access Date: 17 March 2020. <https://www.educationcannotwait.org/unga-2019-pledges/>

¹⁸³³ World Leaders Pledge a Record US\$216 million to Education Cannot Wait during United Nations General Assembly, Education Cannot Wait (New York) 25 September 2019. Access Date: 17 March 2020. <https://www.educationcannotwait.org/unga-2019-pledges/>

¹⁸³⁴ S. 2715: Global Child Thrive Act of 2019, govtrack (Washington D.C.) 29 October 2019. Access date: 17 March 2020. <https://www.govtrack.us/congress/bills/116/s2715>

¹⁸³⁵ S. 2715: Global Child Thrive Act of 2019, govtrack (Washington D.C.) 29 October 2019. Access date: 17 March 2020. <https://www.govtrack.us/congress/bills/116/s2715>

¹⁸³⁶ Keynote Remarks at the 5th Annual Papua New Guinea Women's Forum, U.S. Department of State (Washington D.C.) 7 November 2019. Access Date: 6 February 2020. <https://www.state.gov/keynote-remarks-at-the-5th-annual-papua-new-guinea-womens-forum/>

¹⁸³⁷ Keynote Remarks at the 5th Annual Papua New Guinea Women's Forum, U.S. Department of State (Washington D.C.) 7 November 2019. Access Date: 6 February 2020. <https://www.state.gov/keynote-remarks-at-the-5th-annual-papua-new-guinea-womens-forum/>

¹⁸³⁸ Keynote Remarks at the 5th Annual Papua New Guinea Women's Forum, U.S. Department of State (Washington D.C.) 7 November 2019. Access Date: 6 February 2020. <https://www.state.gov/keynote-remarks-at-the-5th-annual-papua-new-guinea-womens-forum/>

Under this program, Papua New Guinean women will also learn key business fundamentals, for betterment of their communities.¹⁸³⁹

On 11 February 2020, the U.S. Chamber Foundation and the UN's 2020 International Day of Women and Girls in Science, profiled five women who have successfully applied STEM education in their careers.¹⁸⁴⁰ This was done to empower and inspire girls to pursue interests in STEM by offering them a different and positive view towards a STEM-based future, and also urge other women in STEM to tell their story to the world.¹⁸⁴¹

The United States has complied with its commitments to support girls' and women's education and training domestically and abroad by undertaking new initiatives that improve gender equality in education and providing vocational and technical training to women entrepreneurs. However, the US has not taken action to women's improve access to STEM.

Thus, the United States receives a score of 0.

Analyst: Lucia Dhafana-Mabika

European Union: +1

The European Union has fully complied with its commitment to continue support for girls' and women's education and training, including improved access for women to science, technology, engineering and mathematics (STEM) fields.

On 10 November 2019, the EU attended a ceremony held in Mandheera, Sahil region, where they committed to support an improved learning environment to the Ministry of Education and Science to expand quality education in Somaliland.¹⁸⁴² This initiative aims to provide 5,000 girls with expanded quality education.¹⁸⁴³ The EU's commitment goes toward the Somaliland Ministry of Education and Science's Education Sector Strategic Plan, comprising 10 new schools, 65 new classrooms, 30 renovated classrooms and school furniture.¹⁸⁴⁴

On 10 December 2019, EU employment ministers endorsed a proposal from Finland's Presidency of the Council of the EU to provide European citizens with free access to a successful online course on

¹⁸³⁹ Keynote Remarks at the 5th Annual Papua New Guinea Women's Forum, U.S. Department of State (Washington D.C.) 7 November 2019. Access Date: 6 February 2020. <https://www.state.gov/keynote-remarks-at-the-5th-annual-papua-new-guinea-womens-forum/>

¹⁸⁴⁰ Light a Spark: Empowering Women and Girls in STEM, U.S. Chamber of Commerce Foundation (Washington D.C.) 11 February 2020. Access Date: 6 February 2020. <https://www.uschamberfoundation.org/event/light-spark-empowering-women-and-girls-stem>

¹⁸⁴¹ Light a Spark: Empowering Women and Girls in STEM, U.S. Chamber of Commerce Foundation (Washington D.C.) 11 February 2020. Access Date: 6 February 2020. <https://www.uschamberfoundation.org/event/light-spark-empowering-women-and-girls-stem>

¹⁸⁴² School Infrastructure Boost, the European Union Hands over New Schools and Classrooms in Somaliland, European Union External Action (Mogadishu) 10 November 2019. Access Date: 19 December 2019. https://eeas.europa.eu/headquarters/headquarters-homepage/70190/school-infrastructure-boost-european-union-hands-over-new-schools-and-classrooms-somaliland_en

¹⁸⁴³ School Infrastructure Boost, the European Union Hands over New Schools and Classrooms in Somaliland, European Union External Action (Mogadishu) 10 November 2019. Access Date: 19 December 2019. https://eeas.europa.eu/headquarters/headquarters-homepage/70190/school-infrastructure-boost-european-union-hands-over-new-schools-and-classrooms-somaliland_en

¹⁸⁴⁴ School Infrastructure Boost, the European Union Hands over New Schools and Classrooms in Somaliland, European Union External Action (Mogadishu) 10 November 2019. Access Date: 19 December 2019. https://eeas.europa.eu/headquarters/headquarters-homepage/70190/school-infrastructure-boost-european-union-hands-over-new-schools-and-classrooms-somaliland_en

basic artificial intelligence.¹⁸⁴⁵ This project is intended to boost participation of women's STEM education through its high take-up (40 per cent).¹⁸⁴⁶

The European Union has fully complied with its commitment to work together with developing countries to continue support for girls' and women's education and training, including increased access for women to STEM.

Thus, the European Union has received a score of +1.

Analyst: Julia Orsini

¹⁸⁴⁵ EU Presidency Extends Access to Free AI Course across EU, University World News. 13 December 2019 Access Date: 18 December 2019. <https://www.universityworldnews.com/post.php?story=20191213090853674>

¹⁸⁴⁶ EU Presidency Extends Access to Free AI Course across EU, University World News. 13 December 2019 Access Date: 18 December 2019. <https://www.universityworldnews.com/post.php?story=20191213090853674>