

The
G7 Research Group
at the Munk School of Global Affairs and Public Policy at Trinity College
in the University of Toronto presents the

2019 G7 Biarritz Summit Interim Report

27 August 2019 — 20 December 2019

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“We have meanwhile set up a process and there are also independent institutions monitoring which objectives of our G7 meetings we actually achieve. When it comes to these goals we have a compliance rate of about 80%, according to the University of Toronto. Germany, with its 87%, comes off pretty well. That means that next year too, under the Japanese G7 presidency, we are going to check where we stand in comparison to what we have discussed with each other now. So a lot of what we have resolved to do here together is something that we are going to have to work very hard at over the next few months. But I think that it has become apparent that we, as the G7, want to assume responsibility far beyond the prosperity in our own countries. That’s why today’s outreach meetings, that is the meetings with our guests, were also of great importance.”

Chancellor Angela Merkel, Schloss Elmau, 8 June 2015

G7 summits are a moment for people to judge whether aspirational intent is met by concrete commitments. The G7 Research Group provides a report card on the implementation of G7 and G20 commitments. It is a good moment for the public to interact with leaders and say, you took a leadership position on these issues — a year later, or three years later, what have you accomplished?

Achim Steiner, Administrator, United Nations Development Programme,
in *G7 Canada: The 2018 Charlevoix Summit*



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Contents

| | |
|---|-----|
| Preface | 3 |
| Research Team | 4 |
| Executive Summary..... | 6 |
| The Interim Compliance Score | 6 |
| Compliance by Member | 6 |
| Compliance by Commitment..... | 6 |
| The Compliance Gap Between Members..... | 6 |
| Future Research and Reports..... | 6 |
| Table A: 2019 Priority Commitments Selected for Assessment | 7 |
| Table B: 2019 G7 Biarritz Interim Compliance Scores | 9 |
| Table C: 2019 G7 Biarritz Interim Compliance Scores by Member | 10 |
| Table D: 2019 G7 Biarritz Interim Compliance Scores by Commitment | 11 |
| 1. Digital Economy: Digital Infrastructure..... | 12 |
| 2. Digital Economy: Digital Democracy..... | 23 |
| 3. Digital Economy: Artificial Intelligence | 37 |
| 4. Gender: Gender Equality..... | 50 |
| 5. Gender Affirmative Finance Action for Women in Africa | 70 |
| 6. Gender: Women’s Entrepreneurship in Africa..... | 83 |
| 7. Gender: STEM Education..... | 99 |
| 8. Regional Security: Iran..... | 112 |
| 9. Regional Security: G5 Sahel Security and Development..... | 128 |
| 10. Regional Security: G5 Sahel Police..... | 145 |
| 11. Development: G5 Sahel | 157 |
| 12. Development: Sustainable Development Goals..... | 171 |
| 13. Development: Entrepreneurship in Africa..... | 191 |
| 14. Trade: World Trade Organization Reform | 201 |
| 15. Trade: Tax Policy..... | 209 |
| 16. Health: Primary Health Care | 221 |
| 17. Health: Universal Health Coverage..... | 235 |
| 18. Health: Mental Health | 269 |
| 19. Environment: Biodiversity..... | 284 |
| 20. Crime and Corruption: Procurement..... | 299 |
| 21. Education: G5 Sahel | 308 |

7. Gender: STEM Education

“[We] ... endeavor to work together with developing countries to promote inclusion, equity and access of girls and women to quality education, including access to Science, Technology, Engineering and Mathematics (STEM).”

Declaration on Gender Equality and Women’s Empowerment

Assessment

| | No Compliance | Partial Compliance | Full Compliance |
|----------------|---------------|--------------------|-----------------|
| Canada | | 0 | |
| France | | | +1 |
| Germany | | | +1 |
| Italy | -1 | | |
| Japan | -1 | | |
| United Kingdom | | | +1 |
| United States | | | +1 |
| European Union | | | +1 |
| Average | +0.38 (69%) | | |

Background

At the 2006 St. Petersburg Summit, for the first time ever the G8 leaders agreed to the *Education for Innovation Societies in the 21st Century* that promoted the innovation of education to keep with the success of 21st century rapid development of human innovation.⁵⁸³ The leaders assessed science and technology at the forefront of global innovation.⁵⁸⁴ G8 leaders committed to increase exchanges in science and technology, and promote higher standards in mathematics, science and technology.⁵⁸⁵

The 2016 Ise-Shima Summit, marked the first time in ten years since the 2006 St. Petersburg Summit that the G7 endorsed the *G7 Guiding Principles for Building the Capacity of Women and Girls*.⁵⁸⁶ The G7 committed to create a society where all women and girls are empowered and actively engaged for sustainable, inclusive and equitable economic growth.⁵⁸⁷ For the first time in ten years, G7 members committed to achieving economic equality through capacity-building such as education and training as well as promoting active role of women in Science, Technology, Engineering and Math (STEM).⁵⁸⁸

At the 2017 Taormina Summit, the G7 committed to the Next Production Revolution (NPR).⁵⁸⁹ The NPR endorsed by the G7 was designed to help people across all sectors and regions to reap the

⁵⁸³ Education for Innovation Societies in the 21st Century, G8 Information Centre (Toronto) 16 July 2006. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2006stpetersburg/education.html>.

⁵⁸⁴ Education for Innovation Societies in the 21st Century, G8 Information Centre (Toronto) 16 July 2006. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2006stpetersburg/education.html>.

⁵⁸⁵ Education for Innovation Societies in the 21st Century, G8 Information Centre (Toronto) 16 July 2006. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2006stpetersburg/education.html>.

⁵⁸⁶ G7 Ise-Shima Leaders’ Declaration, G7 Information Centre (Toronto) 27 May 2016. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2016shima/ise-shima-declaration-en.html>.

⁵⁸⁷ G7 Ise-Shima Leaders’ Declaration, G7 Information Centre (Toronto) 27 May 2016. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2016shima/ise-shima-declaration-en.html>.

⁵⁸⁸ G7 Ise-Shima Leaders’ Declaration, G7 Information Centre (Toronto) 27 May 2016. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2016shima/ise-shima-declaration-en.html>.

⁵⁸⁹ G7 Taormina Leaders Communiqué, G7 Information Centre (Toronto) 27 May 2017. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2017taormina/communique.html>.

benefits of innovation and digitalization and enhance women's opportunities to pursue STEM careers.⁵⁹⁰

At the 2018 Charlevoix Summit, the G7 committed to prepare women for jobs of the future, through educational opportunities and work environmental protections.⁵⁹¹ Through this commitment, the G7 vowed to ensure that all workers have access to the skills and education necessary to adapt and prosper in the new world of work brought by innovation through emerging technologies.⁵⁹² The G7 committed to expand market-driven training and education, particularly for girls and women in STEM programs.⁵⁹³

At the 2018 Biarritz Summit, the G7 agreed to tackle inequality in developing countries through gender-responsive education and quality technical and vocational education and training.⁵⁹⁴ The G7 reinforced the notion that equal access to quality education is vital to achieve the empowerment and equal opportunity of girls and women. In addition, the G7 affirmed support for eliminating gender inequality and discrimination, and countering gender biases and stereotypes and to work together with developing countries to promote inclusion, equality and access of girls and women to quality education in STEM.⁵⁹⁵

Commitment Features

The G7 members are committed to “endeavor to work together with developing countries to promote inclusion, equity, and access of girls and women to quality education, including access to Science, Technology, Engineering and Mathematics (STEM).”⁵⁹⁶

The first part of this commitment reflects the G7's collective commitment to work together with developing countries to endeavor to work together with developing countries to promote inclusion. “Endeavor” means an effort to do something, especially something new or difficult.⁵⁹⁷ “Inclusion” should be interpreted to mean the action or state of including women or girls in all places and remove any barriers that create undue effort and separation.⁵⁹⁸ For this commitment, “Promote” entails supporting or renewing old efforts or creating new efforts in the area of women's economic development.⁵⁹⁹ In this case, the efforts do not have to be brand new initiatives.⁶⁰⁰

⁵⁹⁰ G7 Taormina Leaders Communique, G7 Information Centre (Toronto) 27 May 2017. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2017taormina/communique.html>.

⁵⁹¹ The Charlevoix G7 Summit Communique, G7 Information Centre (Toronto) 9 June 2018. Access Date: 4 November 2018. <http://www.g7.utoronto.ca/summit/2018charlevoix/communique.html>.

⁵⁹² The Charlevoix G7 Summit Communique, G7 Information Centre (Toronto) 9 June 2018. Access Date: 4 November 2018. <http://www.g7.utoronto.ca/summit/2018charlevoix/communique.html>.

⁵⁹³ The Charlevoix G7 Summit Communique, G7 Information Centre (Toronto) 9 June 2018. Access Date: 4 November 2018. <http://www.g7.utoronto.ca/summit/2018charlevoix/communique.html>.

⁵⁹⁴ Declaration on Gender Equality and Women's Empowerment, G7 Information Centre (Toronto) 26 August 2019. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>.

⁵⁹⁵ Declaration on Gender Equality and Women's Empowerment, G7 Information Centre (Toronto) 26 August 2019. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>.

⁵⁹⁶ Declaration on Gender Equality and Women's Empowerment, G7 Information Centre (Toronto) 26 August 2019. Access Date: 4 November 2019. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>.

⁵⁹⁷ Compliance Coding Manual for International Institutional Commitments, G7 Information Centre (Toronto) 7 May 2018. Access Date: 23 September 2018. <http://www.g7.utoronto.ca/compliance/compliance-coding-manual-2016.pdf>.

⁵⁹⁸ Compliance Coding Manual for International Institutional Commitments, G7 Information Centre (Toronto) 7 May 2018. Access Date: 23 September 2018. <http://www.g7.utoronto.ca/compliance/compliance-coding-manual-2016.pdf>.

⁵⁹⁹ Compliance Coding Manual for International Institutional Commitments, G7 Information Centre (Toronto) 7 May 2018. Access Date: 23 September 2018. <http://www.g7.utoronto.ca/compliance/compliance-coding-manual-2016.pdf>.

The second part of this commitment is dedicated to promoting equity. “Equity” should be interpreted to mean fair and just as indicated by law and “girls” includes any female person ages 15 and younger.⁶⁰¹ Meanwhile, women include female persons aged 15 and older. In the context of this commitment, “access to quality education” entails creating or enhancing opportunities for women to receive education as well as training in order to best equip them with the necessary skills, or update existing skillsets, for succeeding in the labour market.⁶⁰² It is particularly important that such efforts are of “quality education” in that they adequately and sufficiently address women’s needs in this regard.⁶⁰³ Examples, are not limited to, encouraging skills development, increasing access to economic and educational resources for women and girls.⁶⁰⁴

To achieve full compliance, G7 members must take action with developing countries to promote inclusion, equity and access to education for girls, and G7 members must take action with developing countries to promote inclusion, equity and access to education for women, including access to STEM.

To achieve partial compliance, G7 members must take action with developing countries to promote inclusion, equity and access to education for girls, including access to STEM. A G7 member may also be awarded partial compliance for taking action with developing countries to promote inclusion, equity and access to education for women, including access to STEM.

For a score of non-compliance, the G7 member has done none of the aforementioned criteria.

Scoring Guidelines

| | |
|----|---|
| -1 | Member has NOT taken action with developing countries to promote inclusion, equity and access education for girls NOR has taken action with developing countries to promote inclusion, equity and access to education for women, including access to Science, Technology, Engineering and Mathematics (STEM). |
| 0 | Member has taken action with developing countries to promote inclusion, equity and access to education for girls OR has taken action with developing countries to promote inclusion, equity and access to education for women, including access to Science, Technology, Engineering and Mathematics (STEM). |
| +1 | Member has taken action takes action with developing countries to promote inclusion, equity and access to education for girls AND takes action with developing countries to promote inclusion, equity and access to education for women, including access to Science, Technology, Engineering and Mathematics (STEM). |

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Lead Analyst: Apanuba Mahmood*

⁶⁰⁰ Compliance Coding Manual for International Institutional Commitments, G7 Information Centre (Toronto) 7 May2018. Access Date: 23 September 2018. <http://www.g7.utoronto.ca/compliance/compliance-coding-manual-2016.pdf>.

⁶⁰¹ Compliance Coding Manual for International Institutional Commitments, G7 Information Centre (Toronto) 7 May2018. Access Date: 23 September 2018. <http://www.g7.utoronto.ca/compliance/compliance-coding-manual-2016.pdf>.

⁶⁰² Compliance Coding Manual for International Institutional Commitments, G7 Information Centre (Toronto) 7 May2018. Access Date: 23 September 2018. <http://www.g7.utoronto.ca/compliance/compliance-coding-manual-2016.pdf>.

⁶⁰³ Compliance Coding Manual for International Institutional Commitments, G7 Information Centre (Toronto) 7 May2018. Access Date: 23 September 2018. <http://www.g7.utoronto.ca/compliance/compliance-coding-manual-2016.pdf>.

⁶⁰⁴ Compliance Coding Manual for International Institutional Commitments, G7 Information Centre (Toronto) 7 May2018. Access Date: 23 September 2018. <http://www.g7.utoronto.ca/compliance/compliance-coding-manual-2016.pdf>.

Canada: 0

Canada has partially complied with the commitment to endeavour to work with developing countries to promote inclusion, equity and access to quality education for girls and women, including access to Science, Technology, Engineering and Mathematics (STEM).

On 26 August 2019, Prime Minister Justin Trudeau announced Canada's plan to partner with the African Development Bank and invest CAD12.5 million in the African Guarantee Fund.⁶⁰⁵ This initiative is a part of the Affirmative Finance Action for Women in Africa to "improve access to finance for women entrepreneurs in Africa."⁶⁰⁶

On 26 August 2019, Prime Minister Trudeau announced a CAD30 million investment to establish the School Feeding Platform project, which aims to address the "barriers to education faced by girls and adolescent girls"⁶⁰⁷ such as by increasing attendance at the "primary and secondary school levels"⁶⁰⁸ and improving "learning conditions in displacement settings."⁶⁰⁹

On 9 December 2019, Canada, along with Italy and Sweden, co-led the International Clean Energy Education Empowerment (C3E) Initiative's Women in Energy event, to "advocate for the recruitment, retention, and advancement of women in the energy sector."⁶¹⁰ The C3E Initiative is a Collaboration Programme of the International Energy Agency and the Clean Energy Ministerial, and was first established in 2010. The Initiative acknowledges that it is "impossible to address the future of energy without highlighting the importance of engaging the talents of the entire energy workforce,"⁶¹¹ which includes women, who have been "historically left behind in the energy sector."⁶¹²

Through increasing its funding commitments and other initiatives, Canada has partially complied with its commitment to endeavour to work together with developing countries to promote inclusion, equity, and access of girls and women to quality education, but has not taken action to promote education and access to STEM specifically,

Thus, Canada has received a score of 0.

Analyst: Charles Deng

⁶⁰⁵ Creating a better future, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 25 December 2019. <https://www.pm.gc.ca/en/news/backgrounders/2019/08/26/creating-better-future>.

⁶⁰⁶ Creating a better future, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 25 December 2019. <https://www.pm.gc.ca/en/news/backgrounders/2019/08/26/creating-better-future>.

⁶⁰⁷ Creating a better future, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 25 December 2019. <https://www.pm.gc.ca/en/news/backgrounders/2019/08/26/creating-better-future>.

⁶⁰⁸ Creating a better future, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 25 December 2019. <https://www.pm.gc.ca/en/news/backgrounders/2019/08/26/creating-better-future>.

⁶⁰⁹ Creating a better future, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 25 December 2019. <https://www.pm.gc.ca/en/news/backgrounders/2019/08/26/creating-better-future>.

⁶¹⁰ IEA Ministerial C3E Side Event 2019, Office of International Affairs of U.S. Department of Energy (Washington D.C.) 9 December 2019. Access Date: 25 December 2019. <https://www.energy.gov/ia/articles/iea-ministerial-c3e-side-event-2019-0>.

⁶¹¹ IEA Ministerial C3E Side Event 2019, Office of International Affairs of U.S. Department of Energy (Washington D.C.) 9 December 2019. Access Date: 25 December 2019. <https://www.energy.gov/ia/articles/iea-ministerial-c3e-side-event-2019-0>.

⁶¹² IEA Ministerial C3E Side Event 2019, Office of International Affairs of U.S. Department of Energy (Washington D.C.) 9 December 2019. Access Date: 25 December 2019. <https://www.energy.gov/ia/articles/iea-ministerial-c3e-side-event-2019-0>.

France: +1

France has fully complied with its commitment to work together with developing countries to promote inclusion, equity and access of girls and women to quality education, including access to Science, Technology, Engineering and Mathematics (STEM).

On 26 August 2019, President Emmanuel Macron and the G7 leaders approved USD251 million in funding to the Affirmative Finance Action for Women in Africa Initiative, supporting women entrepreneurs in Africa.⁶¹³ The AFAWA provides women with financing and training needed to succeed as entrepreneurs in Africa.⁶¹⁴

In November 2019, France organized meetings with key stakeholders of the “Priority to Equality” Initiative to discuss and finalize the implementation details in helping the eight developing countries, Mauritania, Niger, Burkina, Mali, Chad, Sierra Leone, Nigeria and Mozambique strengthen gender equality in their education systems.⁶¹⁵ France announced to invest EUR2.5 million in the initiative as of 20 September 2019.⁶¹⁶ Implementation will begin in early 2020.⁶¹⁷

On 21 November 2019, the Ministry of National Education, the Ministry of Industry, and the Union of Professors of Sciences and Technology for Industry hosted the national Engineering Sciences for Women day, to educate young women about the Science and Technology field and encourage participation of girls in STEM.⁶¹⁸ There were 18,000 students from 25 countries, including France, who participated in the event.⁶¹⁹

On 18-20 December 2019, the Minister of Europe and Foreign Affairs Jean-Yves Le Drian visited Mexico to meet with his counterparts to discuss the promotion of joint values, including fighting against inequality.⁶²⁰ Minister Jean-Yves Le Drian met with the Franco-Mexican Strategic Council,

⁶¹³ G7 Summit: President Macron and G7 Leaders Provide Bank’s Affirmative Finance Action for Women in Africa (AFAWA) Initiative with \$251 Million, Ghanaian News Canada (Toronto). 2 September 2019. Access Date: 19 December 2019. <http://ghanaiannews.ca/g7-summit-president-macron-and-g7-leaders-provide-banks-affirmative-finance-action-for-women-in-africa-afawa-initiative-with-251-million/>.

⁶¹⁴ G7 Summit: President Macron and G7 Leaders Provide Bank’s Affirmative Finance Action for Women in Africa (AFAWA) Initiative with \$251 Million, Ghanaian News Canada (Toronto). 2 September 2019. Access Date: 19 December 2019. <http://ghanaiannews.ca/g7-summit-president-macron-and-g7-leaders-provide-banks-affirmative-finance-action-for-women-in-africa-afawa-initiative-with-251-million/>.

⁶¹⁵ Initiative priorité à l’égalité, Ministère de l’Europe et des Affaires étrangères (Paris). Access Date: 19 December 2019. <https://www.diplomatie.gouv.fr/fr/politique-etran gere-de-la-france/la-france-et-les-nations-unies/l-alliance-pour-le-multilateralisme/initiative-priorite-a-l-egalite/>.

⁶¹⁶ Initiative priorité à l’égalité, Ministère de l’Europe et des Affaires étrangères (Paris). Access Date: 19 December 2019. <https://www.diplomatie.gouv.fr/fr/politique-etran gere-de-la-france/la-france-et-les-nations-unies/l-alliance-pour-le-multilateralisme/initiative-priorite-a-l-egalite/>.

⁶¹⁷ Initiative priorité à l’égalité, Ministère de l’Europe et des Affaires étrangères (Paris). Access Date: 19 December 2019. <https://www.diplomatie.gouv.fr/fr/politique-etran gere-de-la-france/la-france-et-les-nations-unies/l-alliance-pour-le-multilateralisme/initiative-priorite-a-l-egalite/>.

⁶¹⁸ Sciences de l’ingénieur au féminin, UPTSI (Paris). 25 October 2019. Access Date: 19 December 2019. <https://www.upsti.fr/nos-evenements/sciences-de-l-ingenieur-au-feminin>.

⁶¹⁹ Sciences de l’ingénieur au féminin, UPTSI (Paris). 25 October 2019. Access Date: 19 December 2019. <https://www.upsti.fr/nos-evenements/sciences-de-l-ingenieur-au-feminin>.

⁶²⁰ Déplacement de Jean-Yves Le Drian (18-20 décembre 2019), Ministère de l’Europe et des Affaires étrangères (Paris). 18 December 2019. Access Date: 19 December 2019. <https://www.diplomatie.gouv.fr/fr/dossiers-pays/mexique/evenements/article/deplacement-de-jean-yves-le-drian-18-20-12-19>.

which brings together French and Mexican stakeholders from the public and private sector responsible for proposing initiatives such as education and vocational training.⁶²¹

Through various initiatives, France has fully complied with its commitment to endeavour to work together with developing countries to promote inclusion, equity, and access of girls and women to quality education, including access to STEM.

Thus, France has received a score of +1.

Analyst: Jijun (Amber) Meng

Germany: +1

Germany has fully complied with its commitment to work together with developing countries to promote inclusion, equity and access of girls and women to quality education, as well as access to Science, Technology, Engineering and Mathematics (STEM).

On 18 September 2019, the German Federal Ministry of Education and Research, through their Programme Advocating Women Scientists in STEM initiative, called for proposals for international collaborative research projects in STEM bringing together research institutions in Germany and Africa.⁶²²

On 21 September 2019, EQUALS Global Partnership held a meeting in New York announcing their partnership's plans for 2020.⁶²³ EQUALS is a global partnership network of corporate leaders, governments, non-profit organizations, communities and individuals supported by the German Federal Ministry of Economic Cooperation and Development (BMZ) and the German Society for International Cooperation (GIZ) with the goal of bridging the digital gender divide.⁶²⁴ The partnership selected projects to include, such as the Access Coalition's new plan to identify countries to increase women's online access and digital inclusion.⁶²⁵ SheTrades Invests, another project which equips women in the tech sector to meet investors' needs and secure investment.⁶²⁶ Fairness AI works to detect and combat biases in artificial intelligence (AI) such as ageism and sexism.⁶²⁷ EQUALS Digital Skills Fund 2.0: The Skills Coalition will facilitate digital skills training for 10,000

⁶²¹ Déplacement de Jean-Yves Le Drian (18-20 décembre 2019), Ministère de l'Europe et des Affaires étrangères (Paris). 18 December 2019. Access Date: 19 December 2019. <https://www.diplomatie.gouv.fr/fr/dossiers-pays/mexique/evenements/article/deplacement-de-jean-yves-le-drian-18-20-12-19>.

⁶²² Programme Advocating Women Scientists in STEM (PAWS), PRE-LEAP-RE (Gif-sur-Yvette). 18 September 2019. Access Date: 19 December 2019. <http://www.leap-re.eu/2019/09/18/programme-advocating-women-scientists-in-stem-paws/>.

⁶²³ Press Release: EQUALS Annual Partners Meeting, EQUALS Global Partnership (Geneva). 21 September 2019. Access Date: 19 December 2019. <https://www.equals.org/single-post/2019/09/21/Press-Release-EQUALS-Annual-Partners-Meeting>.

⁶²⁴ EQUALS Partnership Meeting, New York, eskills4girls (Bonn). 21 September 2019. Access Date : 19 December 2019. <https://www.eskills4girls.org/discover/activities/>.

⁶²⁵ Press Release: EQUALS Annual Partners Meeting, EQUALS Global Partnership (Geneva). 21 September 2019. Access Date: 19 December 2019. <https://www.equals.org/single-post/2019/09/21/Press-Release-EQUALS-Annual-Partners-Meeting>.

⁶²⁶ Press Release: EQUALS Annual Partners Meeting, EQUALS Global Partnership (Geneva). 21 September 2019. Access Date: 19 December 2019. <https://www.equals.org/single-post/2019/09/21/Press-Release-EQUALS-Annual-Partners-Meeting>.

⁶²⁷ Press Release: EQUALS Annual Partners Meeting, EQUALS Global Partnership (Geneva). 21 September 2019. Access Date: 19 December 2019. <https://www.equals.org/single-post/2019/09/21/Press-Release-EQUALS-Annual-Partners-Meeting>.

women and girls.⁶²⁸ The Digital Ambassador Program will increase Rwandan digital literacy and their access to online systems and services.⁶²⁹

On 16 October 2019, BMZ announced their support for the SAP Africa Code Week for the fourth time in 12 African countries with the goal of promoting digital literacy and encouraging young people to gain job-relevant digital skills, specifically targeting young women and girls.⁶³⁰ Female role models from the #eSkills4Girls network will conduct the workshops and reach approximately 11,000 young women and girls.⁶³¹

On 23 October 2019, GIZ members from Cameroon and Mozambique, tech leader Nnenna Nwakanma from the Web Foundation, and the BMZ hosted an #eSkills4Girls pre-conference workshop in Abidjan.⁶³² The interactive workshop design based on a country-specific problem allows participants to develop ideas which strengthen digital skill building for girls and women, as well as to discuss potential project implementation ideas.⁶³³

Through various initiatives, Germany has fully complied with its commitment to endeavour to work together with developing countries to promote inclusion, equity, and access of girls and women to quality education, including access to STEM.

Thus, Germany has received a score of +1.

Analyst: Hoore Jannat

Italy: -1

Italy has failed to comply with its commitment to work together with developing countries to promote inclusion, equity, and access of girls and women to quality education, including access to Science, Technology, Engineering, and Mathematics (STEM).

Italy has not taken any actions or made any collaborative commitments to support developing countries in promoting inclusion, equity and access to education, including access to STEM education, for girls and women.

Thus, Italy has received a score of -1.⁶³⁴

Analyst: Charles Deng

⁶²⁸ Press Release: EQUALS Annual Partners Meeting, EQUALS Global Partnership (Geneva). 21 September 2019. Access Date: 19 December 2019. <https://www.equalso.org/single-post/2019/09/21/Press-Release-EQUALS-Annual-Partners-Meeting>.

⁶²⁹ Press Release: EQUALS Annual Partners Meeting, EQUALS Global Partnership (Geneva). 21 September 2019. Access Date: 19 December 2019. <https://www.equalso.org/single-post/2019/09/21/Press-Release-EQUALS-Annual-Partners-Meeting>.

⁶³⁰ SAP Africa Code Week 2019, eskills4girls (Bonn). 16 October 2019. Access Date: 19 December 2019. <https://www.eskills4girls.org/discover/activities/>.

⁶³¹ SAP Africa Code Week 2019, eskills4girls (Bonn). 16 October 2019. Access Date: 19 December 2019. <https://www.eskills4girls.org/discover/activities/>.

⁶³² eLearning Africa Workshop on #eSkills4Girls, eskills4girls (Bonn). 23 October 2019. Access Date : 19 December 2019. <https://www.eskills4girls.org/discover/activities/>.

⁶³³ eLearning Africa Workshop on #eSkills4Girls, eskills4girls (Bonn). 23 October 2019. Access Date : 19 December 2019. <https://www.eskills4girls.org/discover/activities/>.

⁶³⁴ This non-compliance was determined after research through the following websites: www.bbc.com, www.nytimes.com, www.governo.it, www.esteri.it/mae/en, and www.ansa.it.

Japan: -1

Japan failed to comply with its commitment to work together with developing countries to promote inclusion, equity, and access of girls and women to quality education, including access to Science, Technology, Engineering, and Mathematics (STEM).

Japan has not taken any actions or made any collaborative commitments to support developing countries in promoting inclusion, equity and access to education, including access to STEM education, for girls and women.

Thus, Japan has received a score of -1.⁶³⁵

Analyst: Devon Brenner

United Kingdom: +1

The United Kingdom has fully complied with its commitment to endeavor to work together with developing countries to promote inclusion, equity and access of girls and women to quality education, including access to Science, Technology, Engineering, and Mathematics (STEM).

On 25 August 2019, Prime Minister Boris Johnson announced that the UK would contribute GBP90 million to Education Cannot Wait, a global fund for education in emergency and conflict areas.⁶³⁶ The additional funding is estimated to help 600,000 children get an education.⁶³⁷ The funding was reconfirmed on 25 September 2019 at the “Leave No One Behind: Accelerating the SDGs [Sustainable Development Goals] Through Quality Education” event held at UNICEF during the annual UN General Assembly.⁶³⁸ The funds will help the organization assist children deprived of education due to humanitarian crises such as “armed conflicts, forced displacements, natural disasters, and protracted crises.”⁶³⁹ The Fund and its partners seek to “mobilize US\$1.8 billion by 2021 to reach 9 million children and youth.”⁶⁴⁰

On 25 August 2019, International Development Secretary Alok Sharma announced a funding increase of GBP30 million for the Affirmative Finance Action for Women in Africa programme.⁶⁴¹ This increase in funding is a part of the Department for International Development’s (DFID)

⁶³⁵ Non-compliance was determined after reviewing the following websites: <https://www.mofa.go.jp/>, <https://www.japantimes.co.jp/>, <https://www.nytimes.com/>, <https://asia.nikkei.com/>, <https://www.bbc.com/news>, <https://www.huffpost.com/>, <https://japan.kantei.go.jp/>, <https://www.japan.go.jp/>.

⁶³⁶ Press Release: PM offers education lifeline to 600,000 children living in conflict, Department for International Development (London) 25 August 2019. Access Date: 26 December 2019.

<https://www.gov.uk/government/news/pm-offers-education-lifeline-to-600000-children-living-in-conflict>.

⁶³⁷ Press Release: PM offers education lifeline to 600,000 children living in conflict, Department for International Development (London) 25 August 2019. Access Date: 26 December 2019.

<https://www.gov.uk/government/news/pm-offers-education-lifeline-to-600000-children-living-in-conflict>.

⁶³⁸ 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: 19 December 2019

<https://www.educationcannotwait.org/unga-2019-pledges/>.

⁶³⁹ 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: 19 December 2019

<https://www.educationcannotwait.org/unga-2019-pledges/>.

⁶⁴⁰ 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: 19 December 2019

<https://www.educationcannotwait.org/unga-2019-pledges/>.

⁶⁴¹ Press Release: UK aid to break down barriers for female entrepreneurs in Africa, Department for International Development (London) 25 August 2019. Access Date: 26 December 2019. <https://www.gov.uk/government/news/uk-aid-to-break-down-barriers-for-female-entrepreneurs-in-africa>.

Women Entrepreneurs Finance Initiative, and is intended to incentivize African banks to lend to women by reducing lending costs and providing business training to female entrepreneurs.⁶⁴²

On 24 September 2019, Minister of State for the Commonwealth, the United Nations and South Asia Lord Ahmad of Wimbledon spoke at the United Nations General Assembly SDG summit, and announced an additional GBP515 million in funding for children's education projects.⁶⁴³ GBP215 million will go towards a new education quality programme in Africa which focuses on marginalised girls.⁶⁴⁴ The remaining GBP300 million will be invested in the International Finance Facility for Education, a new financing facility that will work with donors to mobilise an additional USD5 billion of financial support to education projects in lower-middle income countries.⁶⁴⁵

On 7 October 2019, as part of its ongoing UK Aid Match program, the DFID announced that it would match all donations made to Street Child's Mind the Gap! initiative before January 4, up to GBP2 million.⁶⁴⁶ Street Child is a British charity that aims to create educational opportunity for the most vulnerable children in Africa and Asia, focusing in particular on the empowerment of girls.⁶⁴⁷

On 11 October 2019, the British Embassy in Caracas announced that the UK would be funding the She Plays Safe project as part of the #LeaveNoGirlBehind campaign.⁶⁴⁸ The #LeaveNoGirlBehind campaign advocates for 12 years of quality education for girls, and aims to empower and educate girls worldwide to "find, respect and embrace their voices, talents and unique potential."⁶⁴⁹ The new funding will go towards the operation of football and rugby clinics for female Venezuelan athletes from low-income communities.⁶⁵⁰ In addition to athletics, the clinics focus on promoting effective communication skills, career planning, and female leadership and empowerment.⁶⁵¹

⁶⁴² Press Release: UK aid to break down barriers for female entrepreneurs in Africa, Department for International Development (London) 25 August 2019. Access Date: 26 December 2019. <https://www.gov.uk/government/news/uk-aid-to-break-down-barriers-for-female-entrepreneurs-in-africa>.

⁶⁴³ Speech: Delivering Sustainable Development Goals at home and abroad matters to us all: Lord Ahmad's statement, Minister Lord (Tariq) Ahmad of Wimbledon at the United Nations General Assembly Sustainable Development Goals summit (New York City) 24 September 2019. Access Date: 26 December 2019. <https://www.gov.uk/government/speeches/delivering-on-all-the-sdgs-both-home-and-abroad-matters-to-us-all>.

⁶⁴⁴ Accelerated Action Description: A £515m package for education, Partnerships for SDGs Online Platform (New York City) 24 September 2019. Access Date: 26 December 2019. <https://sustainabledevelopment.un.org/partnership/?p=33981>.

⁶⁴⁵ Accelerated Action Description: A £515m package for education, Partnerships for SDGs Online Platform (New York City) 24 September 2019. Access Date: 26 December 2019. <https://sustainabledevelopment.un.org/partnership/?p=33981>.

⁶⁴⁶ Tweet, Department for International Development (London) 7 October 2019. Access Date: 26 December 2019. https://twitter.com/DFID_UK/status/1181208258587090944.

⁶⁴⁷ Street Child Calls on British Public to 'Mind The Gap', Street Child (London) 4 October 2019. Access Date: 26 December 2019. <https://www.street-child.co.uk/mind-the-gap>.

⁶⁴⁸ She Plays Safe: a #LeaveNoGirlBehind project in Venezuela, British Embassy Caracas (Caracas) 11 October 2019. Access Date: 26 December 2019. <https://www.gov.uk/government/news/she-plays-safe-a-leavenogirlbehind-project-in-venezuela>.

⁶⁴⁹ About Us, Leave No Girl Behind International (International). Access Date: 26 December 2019. <https://www.leavenogirlbehind.org/about-us/>.

⁶⁵⁰ She Plays Safe: a #LeaveNoGirlBehind project in Venezuela, British Embassy Caracas (Caracas) 11 October 2019. Access Date: 26 December 2019. <https://www.gov.uk/government/news/she-plays-safe-a-leavenogirlbehind-project-in-venezuela>.

⁶⁵¹ She Plays Safe: a #LeaveNoGirlBehind project in Venezuela, British Embassy Caracas (Caracas) 11 October 2019. Access Date: 26 December 2019. <https://www.gov.uk/government/news/she-plays-safe-a-leavenogirlbehind-project-in-venezuela>.

On 11 October 2019, Minister for the Middle East Dr. Andrew Murrison announced that the UK would provide GBP2 million to the No Lost Generation initiative.⁶⁵² The No Lost Generation initiative supports the delivery of non-formal education and protection for vulnerable out of school refugee children, focusing on at risk girls and boys.⁶⁵³ This additional funding is expected to benefit 7,000 Syrian and Lebanese children by improving access to quality education, and also through the creation of jobs.⁶⁵⁴

On 21 October 2019, International Development Secretary Alok Sharma at the World Bank Annual Meeting said that more funding from the UK to the World Bank's concessional loan facility for the world's least-developed countries would be contingent on a more focused anti-poverty approach.⁶⁵⁵ Among other anti-poverty initiatives, he emphasized improving the rights of women and girls, action to ensure girls can go to school, and stronger laws against gender-based violence.⁶⁵⁶

The UK has increased its funding commitments towards promoting gender equality and the educational empowerment of women and girls, and has continued the operation of numerous initiatives encouraging domestic and international engagement towards achieving this goal.

Thus, the UK has received a score of +1.

Analyst: Tenzing Gaphel Kongtso

United States: +1

The United States has fully complied with the commitment to work with developing countries to promote inclusion, equity and access to quality education for girls and women, including access to Science, Technology, Engineering and Mathematics (STEM).

As of November 2019, the United States has doubled funding for the Women's Global Development and Prosperity Initiative Fund (W-GDP) from an initial USD50 million in fiscal year 2019 to USD100 million in fiscal year 2019.⁶⁵⁷ President Donald Trump further highlighted the U.S. government's commitment to empowering women in the developing world through education in his statement, "W-GDP is the first-ever whole of government approach to women's economic empowerment. Today's new announcements reflect how W-GDP is prioritizing partnering with the private sector and driving collaboration for major impact! Together we will reach our goal of empowering 50 million women by 2025."⁶⁵⁸

⁶⁵² Press Release: UK aid to provide education and jobs to thousands of Syrian refugees, Department for International Development (London) 12 October 2019. Access Date: 26 December 2019. <https://www.gov.uk/government/news/uk-aid-to-provide-education-and-jobs-to-thousands-of-syrian-refugees>

⁶⁵³ Lebanon No Lost Generation Initiative (NLGI), Department for International Development (London) 9 December 2019. Access Date: 26 December 2019. <https://devtracker.dfid.gov.uk/projects/GB-GOV-1-300059>.

⁶⁵⁴ Press Release: UK aid to provide education and jobs to thousands of Syrian refugees, Department for International Development (London) 12 October 2019. Access Date: 26 December 2019. <https://www.gov.uk/government/news/uk-aid-to-provide-education-and-jobs-to-thousands-of-syrian-refugees>.

⁶⁵⁵ Alok Sharma at the World Bank Annual Meetings, DFID Media Team (London) 21 October 2019. Access Date: 26 December 2019. <https://dfidnews.blog.gov.uk/2019/10/21/alok-sharma-at-the-world-bank-annual-meetings/>.

⁶⁵⁶ Alok Sharma at the World Bank Annual Meetings, DFID Media Team (London) 21 October 2019. Access Date: 26 December 2019. <https://dfidnews.blog.gov.uk/2019/10/21/alok-sharma-at-the-world-bank-annual-meetings/>.

⁶⁵⁷ Women's Global Development and Prosperity (W-GDP) Initiative Fund Increases to \$100 Million in its First Year and Launches New Partnerships, USAID 20th November 2019. Access date: 19 December 2019. <https://www.usaid.gov/w-gdp/fact-sheet/nov-2019-womens-global-development-and-prosperity-w-gdp-initiative-fund-increases-100-million>.

⁶⁵⁸ Ivanka Trump announces \$50M for women's global development fund, FOX Business (Washington D.C) 18 November 2019. Access date: 19 December 2019. <https://www.foxbusiness.com/money/ivanka-trump-w-gdp-developing-countries>.

On 25 September 2019, the United States pledged USD13 million to the Education Cannot Wait, a global fund attempting to expand access to inclusive and quality education for girls and boys caught up in global humanitarian crises.⁶⁵⁹ 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 annual UN General Assembly.⁶⁶⁰ The funds will help the organization assist children deprived of education due to humanitarian crises such as “armed conflicts, forced displacements, natural disasters, and protracted crises.”⁶⁶¹ The Fund and its partners seek to “mobilize US\$1.8 billion by 2021 to reach 9 million children and youth.”⁶⁶²

On 28 October 2019, Congressman Brian Fitzpatrick and Joaquin Castro introduced the Global Child Thrive Act.⁶⁶³ Senator Castro reaffirmed the U.S.’s commitment to early childhood education in the developing world in his statement “Our bill directs relevant federal departments and agencies to incorporate early childhood development into their work and builds on existing interagency collaboration. There is no more cost-effective, worthwhile cause than early childhood development, and I applaud my HFAC [House Foreign Affairs Committee] colleagues for reinforcing our resolve.”⁶⁶⁴

Through its various initiatives to increase spending on the education of girls and women in developing countries as well as legislative efforts championing early childhood education, the United States remains committed to providing quality education to girls and women, including access to STEM.

Thus, the United States has received a score of +1.

Analyst: Paras Kapoor

European Union: +1

The European Union has fully complied with its commitment to endeavour to work together with developing countries to promote inclusion, equity, and access of girls and women to quality education, including access to Science, Technology, Engineering and Mathematics (STEM).

On 11 September 2019, the European Union released the 2018 Annual Implementation Report of The Gender Equality and Women’s Empowerment: Transforming the Lives of Girls and Women

⁶⁵⁹ 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: 19 December 2019. <https://www.educationcannotwait.org/unga-2019-pledges/>.

⁶⁶⁰ 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: 19 December 2019. <https://www.educationcannotwait.org/unga-2019-pledges/>.

⁶⁶¹ 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: 19 December 2019. <https://www.educationcannotwait.org/unga-2019-pledges/>.

⁶⁶² 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: 19 December 2019. <https://www.educationcannotwait.org/unga-2019-pledges/>.

⁶⁶³ S. 2715: Global Child Thrive Act of 2019, govtrack (Washington D.C.) 29 October 2019. Access date: 20 December 2019. <https://www.govtrack.us/congress/bills/116/s2715>.

⁶⁶⁴ Fitzpatrick, Castro Statement on Global Child Thrive Act Markup, Brian Fitzpatrick’s website 19 December 2019. Access date: 20 December 2019. <https://fitzpatrick.house.gov/media-center/press-releases/fitzpatrick-castro-statement-global-child-thrive-act-markup>.

through EU External Relations 2016-2020 (GAP II).⁶⁶⁵ GAP II stresses the need for the full realization of women's and girls' full and equal enjoyment of all human rights and fundamental freedoms and the achievement of gender equality and the empowerment of women and girls.⁶⁶⁶ The report monitors progress achieved by means of a comprehensive set of actions taken by the European Commission, the European External Action Services, EU Delegations and EU Member States, while underlining the remaining challenges still to be addressed to meet the GAP II's objectives and ways to move forward for the year of 2019.⁶⁶⁷

On 4 October 2019, the European Union issued a statement delivered by First Secretary, European Union Delegation to the United Nations Julien Bourtembourg, at the 74th Session of the UN General Assembly Third Committee Item 26: Advancement of Women. The statement was a way to "demonstrate achievements and accountability, and also identify gaps that remain." The European Union stated that no single country is on track to achieve gender equality by 2030. They also stated their future goal to expand gender equality to the international community.⁶⁶⁸

On 10 November 2019, the European Union provided school infrastructure support to the Somaliland Ministry of Education and Science at a ceremony held in Mandheera, Sahil region. This consisted of 10 new schools, 65 new classrooms, 30 renovated classrooms and school furniture. About 10.000 children (50 per cent girls) in Somaliland will have access to expanded quality education through improved learning environment.⁶⁶⁹

On 10 December 2019, European Union 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 basic artificial intelligence. This democratization has particularly been boosted by the high take-up of the course by women. Finland's Minister of Employment Timo Harakka said: "Our investment has three goals: we want to equip EU citizens with digital skills for the future; we wish to increase practical understanding of what artificial intelligence is; and by doing so, we want to give a boost to the digital leadership of Europe."⁶⁷⁰

On 12 December 2019, the governments at the United Nations Climate Change Conference adopted a new five-year GAP that progressively builds upon the first GAP, and works to address many of the concerns raised by women and gender groups at the United Nations Framework Convention on

⁶⁶⁵ EU Gender Action Plan II Gender Equality and Women's Empowerment: Transforming the Lives of Girls and Women through EU External Relations 2016-2020, International Cooperation and Development - European Commission (Brussels) 11 September 2019. . Access date: 3 December 2019. https://ec.europa.eu/europeaid/eu-gender-action-plan-ii-gender-equality-and-womens-empowerment-transforming-lives-girls-and-women_en.

⁶⁶⁶ EU Gender Action Plan 2016-2020, Capacity4dev (Brussels) 31 July 2017. Date cessed December 18, 2019. <https://europa.eu/capacity4dev/public-gender/minisite/eu-gender-action-plan-2016-2020>.

⁶⁶⁷ 2018 Annual Implementation Report of GAP II, Capacity4dev (Brussels) 21 November 2019. Date accessed: December 18, 2019. <https://europa.eu/capacity4dev/public-gender/documents/2018-annual-implementation-report-gap-ii>.

⁶⁶⁸ EU Statement – United Nations 3rd Committee: Advancement of Women, Delegation of the European Union to the United Nations (New York) 4 October 2019,.. Date Accessed December 18, 2019. https://eeas.europa.eu/delegations/un-new-york/68416/eu-statement—united-nations-3rd-committee-advancement-women_en.

⁶⁶⁹ School Infrastructure Boost, the European Union Hands over New Schools and Classrooms in Somaliland, European Union External Action (Mogadishu) 10 November 2019. . Date accessed December 19, 2019. https://eeas.europa.eu/headquarters/headquarters-homepage/70190/school-infrastructure-boost-european-union-hands-over-new-schools-and-classrooms-somaliland_en.

⁶⁷⁰ EU Presidency Extends Access to Free AI Course across EU, University World News. Date accessed December 18, 2019. <https://www.universityworldnews.com/post.php?story=20191213090853674>.

Climate Change, including calls for greater focus on implementation and scaling up gender-just climate solutions.⁶⁷¹

The European Union has fully complied with its commitment to endeavour to work together with developing countries to promote inclusion, equity, and access of girls and women to quality education, including access to STEM.

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

Analyst: Eisha Khan

⁶⁷¹ Advances for Gender Equality at COP25, WEDO, December 13, 2019. <https://wedo.org/advances-for-gender-equality-at-cop25/>.