IGF 2020
Call for Validation of Thematic Tracks Inputs Analysis

12 February 2020

Prepared by the IGF Secretariat

About the Call

- **This Call followed the IGF 2020 Call for Issues** *(integrated in Taking Stock Call)* **and 41 suggested issues**

- **Call Time Framework:** <u>**23 January - 6 February 2020 (2 weeks)**</u>

- **Stakeholders asked for feedback to thematic tracks the MAG proposed:**
  - ➢ Track one: *Data*
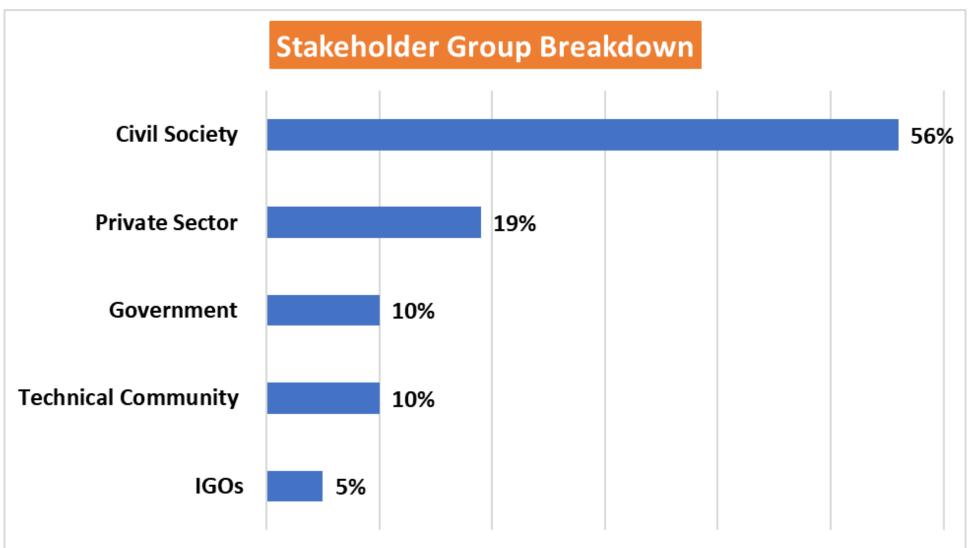 - ➢ Track two: *Inclusion*
  - ➢ Track three: *Trust*
  - ➢ And to advise on accommodating additional themes: **environmental sustainability/climate change and digital economy** as integrated in the three main tracks or as an additional track with the title *'Sustainability'*.

- **Call asked for response to following questions:**
  - *What issues, subthemes and/or policy questions or solutions should be addressed within each of these three thematic tracks?*
  - *What you believe are the most important issues, subthemes and/or policy questions or solutions related to environmental sustainability/climate change and digital economy?*
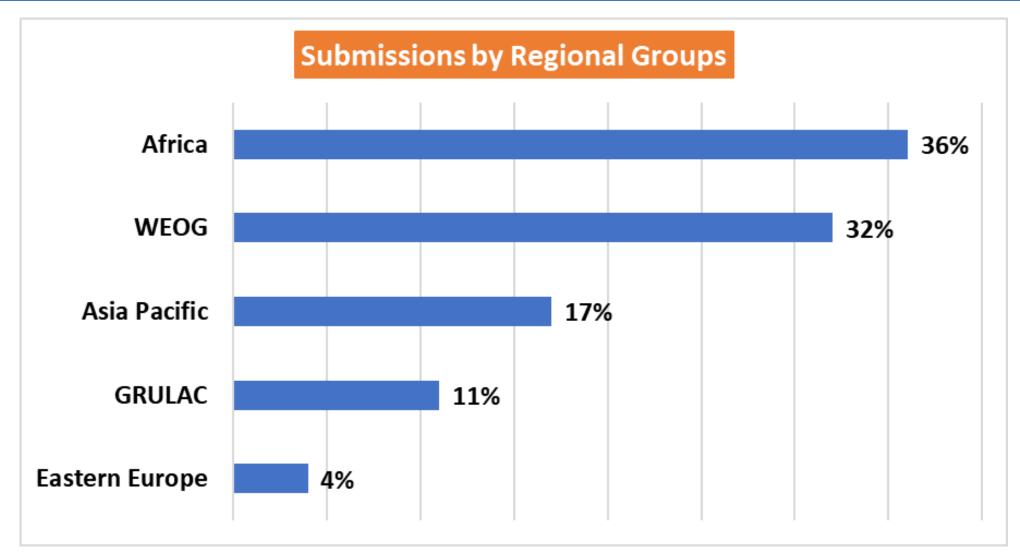
Statistics of total submissions

- **225 inputs received in total**
  (220 unique user submissions and 5 that submitted multiple submissions. Analyses looked at all submissions).

- Inputs came from **84 different countries**, with the biggest number of submissions from: Nigeria, Germany, US, UK, Brazil and Algeria.

Statistics of total submissions

Stakeholder Group Breakdown

Stakeholder Group	Percentage
Civil Society	56%
Private Sector	19%
Government	10%
Technical Community	10%
IGOs	5%

Statistics of total submissions

Submissions by Regional Groups

Region	Percentage
Africa	36%
WEOG	32%
Asia Pacific	17%
GRULAC	11%
Eastern Europe	4%

Track on Data: issues, subthemes and policy questions/solutions

- 149 submissions for 203 issues/subthemes and 65 policy questions/solutions. Issues ranked within 19 clusters:

1. Data governance and data utilisation (32)	5. Role of AI for data online & Algorithms (18)	9. Digital rights & freedoms (7)	13. Emerging trends and issues in data governance and flow (5)	17. Ethics (4)
2. Data security and protection (30)	6. Data economy (10)	10. Open data (6)	14. Data standardization, sustainability & capacity building (5)	18. Health data (4)
3. Data privacy (23)	7. Access to data (9)	11. Data ownership (6)	15. Big data (4)	19. Gender and youth implications (4)
4. Data flow, transnational regimes & jurisdiction (19)	8. Digital cooperation & stakeholder responsibility (7)	12. Freedom of expression and content moderation (6)	16. Children's data (4)	

Track on Data: issues, subthemes and policy questions/solutions

Summary of 65 Policy Questions and Solutions:

- What are the legal and ethical considerations related to the use of personal data and information?

- How to find and train a more diverse pool of software engineers?

- What is the impact of AI on data protection and privacy on context of refugees and most vulnerable groups?

- How societies, cultures and economies can benefit from data?

- How to develop date access and protection framework and do we introduce law enforcement?

- How to develop policy for machine learning and AI related to data processing and utilization?

- How data can help climate change and environmental sustainability? Can we build greener websites and applications? How to ensure the sustainable use of energy by servers?

- How is data quality playing a role in the conception of Internet Commons?

- Data impact on digital economy.

- Data validation approaches in storage and retrieval systems.

- How countries can build data protection strategy?

- What is the impact of competition on data economy and data privacy?

- What is the impact of GDPR so far?

- How to protect children's rights and data online?

- Market regulation and taxation: local and global approach.

- How automation of welfare systems can help refugees and migrants issues?

Track on Inclusion: issues, subthemes and policy questions/solutions

- 139 submissions for 183 issues/subthemes and 47 policy questions/solutions. Issues ranked within 12 clusters:

1. Inclusion of marginalized groups (refugees, youth, women, people with disabilities, children) (32)	**5. Digital rights and identity (20)**	**9. Security (6)**
2. Access and accessibility (31)	**6. Role of AI and other emerging technologies for inclusion (16)**	**10. Digital economy and job market (5)**
3. Digital, social, cultural & economic inclusion (27)	**7. Environmental Sustainability (11)**	**11. Ethics and trust (3)**
4. Capacity development (23)	**8. Digital cooperation and policy (6)**	**12. Internet fragmentation and shutdowns (3)**

Track on Inclusion: issues, subthemes and policy questions/solutions

Summary of 47 Policy Questions and Solutions:

- How to ensure meaningful access for all? What policies we need? How can emerging technologies help?

- What are the good practices or programs that prepare our workforce in addressing the need of the changing digital landscape?

- How to build trust across institutions, stakeholders and online tools and services?

- How to bring digital education to everyone?

- How to address issues of affordability of online tools and services?

- What tools could be developed to promote (better) Internet access for women and girls, older people, people living with disabilities, refugees and other disadvantaged groups?

- How do we best equip the workforce of the 21st century with the necessary skills to take advantage of the new employment opportunities that will result from digital transformation?

- Will digital entrepreneurship lead to a more inclusive digital future?

- How to include people with disabilities and other marginalized groups in Internet policy discussions?

- How to ensure the Internet space is open for all?

- How to develop capacity for all to use the Internet?

Track on Trust: issues, subthemes and policy questions/solutions

- 136 submissions for 157 issues/subthemes and 51 policy questions/solutions. Issues ranked within 11 clusters:

1. Cybersecurity, safety and resilience (68)	5. Digital cooperation and stakeholder accountability (9)	9. Internet fragmentation (5)
2. Digital rights and ethics (20)	6. Digital identity (8)	10. Climate change (3)
3. Emerging technologies (18)	7. DNS (7)	11. Capacity development (2)
4. Responsibility of digital platforms (11)	8. Digital economy (6)	

Track on Trust: issues, subthemes and policy questions/solutions

Summary of 51 Policy Questions and Solutions:

- How to develop a global framework for trust and integrity online?

- How can we overcome increasing fragmentation in cyberspace at national, regional and global levels?

- Which policy measures have to be taken for the protection, prevention and defense against cyber threats?

- Where is the middle ground between increasing demands to proactive content policing by digital platforms and the necessary neutrality and legal certainty for platforms?

- Role of digital technologies for democracy.

- How to strengthen cybersecurity norms?

- How can encryption help online safety?

Accommodating additional theme(s)

- **31 respondents explicitly said that 4th theme on <mark>Sustainability</mark> should be integrated in 3 thematic tracks**
- **169 submissions indicated to support a separate thematic track for the following themes:**

Thematic Cluster Support (by rank)	Submitted Issues
1. Sustainability (56 inputs)	Environmental sustainability/climate change; Digital economy
2. Economic Issues (28 inputs)	Digital Economy; Digital Currency; Market impact
3. Access and Inclusion (21 inputs)	Digital divide; 5G and 6G; Gender and youth inclusion
4. Human Rights (14 inputs)	Children's rights online; human rights; freedom of expression; privacy
5. Development of IG policy (10 inputs)	IG for democracy; Digital sovereignty; Digital policy and norms
6. Emerging Technologies (10 inputs)	AI; IoT; Emerging technology
7. Environmental Sustainability (8 inputs)	Environmental impact of ICTs; Climate change; Energy efficiency
8. Cybersecurity (8 inputs)	Security and safety; Child protection; Network resilience
9. Data (6 inputs)	Data protection; Big Data
10. Other (8 inputs)	Mass media; Elections; Phone addiction

4th Theme on Sustainability: issues, subthemes and policy questions/solutions

- 168 submissions for 236 issues/subthemes and 75 policy questions/solutions. Issues ranked within 15 clusters:

1. Climate change (41)	7. Emerging technologies and environment (14)	13. Role of stakeholders for environment protection (2)
2. ICTs impact on environment (36)	8. ICTs and sustainability (12)	14. Cybersecurity (2)
3. Digital economy (36)	9. Human rights and inclusion (12)	15. Digital cooperation and digital policy (5)
4. Capacity development (28)	10. Trade (7)	
5. Taxation (15)	11. Emerging technologies and digital economy (6)	
6. Job market (15)	12. Green economy (5)	

Track on Sustainability: issues, subthemes and policy questions/solutions

Summary of 75 Policy Questions and Solutions:

- How do we ensure that technology infrastructures are built with utmost consideration of carbon emission and impact on environment?

- How can digitalization help to contribute to environmental sustainability?

- How can new technologies help environmental sustainability?

- How new technology can help reduce carbon footprints, energy consumption and producing waste?

- How can the digitalization and networking of the urban environment, such as digital/smart cities projects, take into account the principles, and practice of "human rights by design"?

- How can we get the highest value out of data for environmental sustainability/climate change?

- How to become more sustainable with help of digital technologies?

- How to prepare for changing digital economy market?

- How to secure economic transactions and trade?

- How can emerging jobs meet demands of growing population?

- What are the best practices on e-banking and monetary laws?

- How to build trust for successful digital economy?

- What is the future of labor?

- How to build capacity for people to adapt to new job market?