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Draft WSIS+10 Statement on the Implementation of WSIS Outcomes

### C. Challenges-during implementation of action lines and new challenges that have emerged

Several challenges have been identified in the implementation of the WSIS Action Lines that still remain and would need to be addressed beyond 2015.

We recognize the following challenges:

1. *We note* that the WSIS Action lines have helped in **supporting a sound framework** for realizing the goal of a globally interconnected Information Society.
2. Still more than **half of the world’s population is not connected to the Internet**, and ICT Infrastructure development needs to continue, especially in rural and remote areas, through the establishment of policy frameworks that drive economic development, promote innovation and enable the free flow of information and services.
3. To increase the **global, regional and national awareness** about the significance of WSIS and its direct relevance to national strategies and policies.
4. Fully align **WSIS Action Lines with the Post-2015 development agenda.**
5. **Lack of appropriate policies** (including a lack of policy coherence across key knowledge society sectors such as ICT, Science and Innovation, and Education) and a growing skills gap between rich and poor within countries, between countries, and between regions of the world, is hindering economic and social development.
6. Ensuring the **necessary legal, policy and regulatory frameworks** and approaches at the national levels t continue to promote investment in ICTs and infrastructure, foster entrepreneurship and innovation
7. Ensuring continued extension of **access for all to ICTs,** particularly access to broadband, particularly in developing countries and among marginalised communities in all countries.
8. Widening access to communications media, information and knowledge through improved telecoms and broadband internet infrastructural provision. This, together with the availability of cheap smart phones and mobile devises will lead to their mass diffusion and provide access to online content and the localisation of ICT applications, support e-commerce, e-health and e-agriculture.
9. Promotion of **open education resource (OER)content and applications**
10. Maintenance of the **openness and multi-stakeholder character of ICT and of internet** standards, development and governance.
11. Further developing and refining the distributed, bottom-up Internet governance mechanisms and recognizing that they are both a reflection of the technology itself, as well as a fundamental enabler for innovation and growth on the Internet.
12. Ensuring that best practices on the use and impact of open data are widely shared.
13. Ensuringthat the **same rights that people have offline must also be protected online**, in particular freedom of expression, which is applicable regardless of frontiers and through any media of one’s choice, in accordance with articles 19 of the Universal Declaration of Human Rights and the International Covenant on Civil and Political Rights
14. **Environmental sustainability**, and harmful outcomes of the massive increases we will see in ICT production and consumption. This ranges from energy consumption, to sourcing of conflict minerals for the production cycle, to disposing to massive ICT waste, unless there are is a substantial shift in the approach to hardware design to be more sustainable (e.g. with devices that last longer and are upgradable) this challenge is likely to escalate.
15. **Deployment of broadband networks** without increasing further gaps in access; and affordability of broadband devices and services ensuring the inclusion to broadband services especially for people with disabilities
16. Urgent need to provide **training, especially for women,** in a wide range of digital and technology-based skills to meet existing employment opportunities but also to creative youth to participate in the development and growth of digitally-based industries including the creative cultural industries.
17. Regulators need the knowledge and skills to be able to develop regulatory approaches that stimulates competition and well-functioning markets
18. Despite progress, **women still lack access, requisite skills, awareness** and are not well represented in decision-making positions and as producers in the ICT sector.
19. Improved **engagement of youth** in the discussions related to ICTs for Development.
20. Strengthened **information security and privacy** to the citizens and creation of regional centers of coordination for incidents in computing security (CIRT).
21. Lack of **on-going investment in digital inclusion** measures.
22. Establishment of **Financing mechanism taking into account innovative approaches** to bring the benefits of ICT to all.
23. Creation of a **clear link between the WSIS Process at the international level and institutional set up** at the national level.
24. The development of **telemedicine at new levels,** with mobile devices, distance intervention and controls, which allows improving health care services in all the national territory.
25. Timely adjustment of the National educational programmes to build ICT skills to respond to the specific market needs of the countries.
26. Empowerment through innovative approaches for **distance education** from primary school education for the new generation.
27. Broad recognition of **electronic transactions in order to benefit from e governance**
28. Recognising the economic potential of **ICTs for Small and Medium-Sized Enterprises** (SMEs), they should be assisted in increasing their competitiveness by streamlining administrative procedures, facilitating their access to capital and enhancing their capacity to participate in ICT-related projects.
29. Utilization of ICTs in **justice administration, legal records and electoral mechanisms**.
30. **Use of unused wireless capacities**, including satellite, in developed countries and in particular in developing countries, to provide access in remote areas, especially in developing countries and countries with economies in transition, and to improve low-cost connectivity in developing countries. Special concern should be given to the Least Developed Countries in their efforts in establishing telecommunication infrastructure.
31. Creation of policies that **support and respect, preservation, promotion and enhancement of cultural and linguistic diversity and cultural heritage** within the Information Society,
32. Identification of **best practices in ICT Applications** and provision of policy guidance on how they may be mainstreamed.
33. **Universal access to information consumption and production**, in the framework of the respect of the moral and economic right of the authors.
34. Continued **inequity of access in terms of human capacities and access to technologies** between countries, and between urban and rural communities within countries.
35. The lack of production of **content in local languages** threatens the local cultures and life styles.
36. **Protecting, respecting and promoting human rights** and recognition of their importance to realizing economic development.
37. Establishing **environments that will facilitate economic and social development** on a foundation of human rights and the rule of law.
38. Building models of multistakeholder **governance at national, regional, and international levels** that are open, transparent, and inclusive,
39. Ensuring that the **Internet remains open, unconstrained by technology mandates and burdensome** regulation, and free of limitations on what, when, and how users can communicate, access information, and build community.
40. Identification of **emerging technologies** which could be cost-effective.