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**Document Number: V1.0/C/ALC7/E-Agriculture**

Note: This document consists of the Annex for the Action line and consolidates the comments received from WSIS Stakeholders for the:

* Proposed zero draft <http://www.itu.int/wsis/review/mpp/pages/phase1-submissions.html>
* Proposed first draft <http://www.itu.int/wsis/review/mpp/pages/consolidated-texts.html>

Please note that this document is not for comments it is only for the purpose of information.

Draft WSIS+10 Vision for WSIS Beyond 2015

C7. ICT Applications: E-Agriculture

**Annex: Zero Draft Stakeholder Contributions**

1. **Exploring and expanding the role of ICT**
2. Greater emphasis must be placed on **exploring and expanding the role of ICT** to assist farmers, foresters and fisherfolk in developing countries, including services from mobile, fixed line, satellite and broadband technologies.
3. **Partnerships**
4. Collaboration and **multi-stakeholder partnerships** are an essential approach to develop and implement e-agriculture strategies, products and services, as well as build capacity.
5. **Enabling Environment**
6. Systematically **integrate ICT policies, content and capacity development into national and regional agricultural policies.**
7. **Integrate agriculture into national and regional ICT policies**.
8. **Promote e-agriculture as an efficient mechanism to improve rural areas**, in particular to boost entrepreneurship and economic growth.
9. Raise awareness and create ICT tools to enhance agriculture as a way to help development.
10. **Reduce the** **costs** associated with information access in **rural areas**, with the goal of ensuring **direct individual access** to relevant content for smallholders.
11. **Capacity Development**
12. Foster **digital literacy** and provide specialized training for girls and women, people with disabilities, children and young people to overcome illiteracy and/or to improve existing skills.
13. Ensure capacity development occurs at the **individual and institutional levels**.
14. Develop a **capacity assessment framework** with clear indicators that are relevant and acceptable.
15. Continue to develop **information and experiences sharing networks** in the agriculture sector, including the e-Agriculture Community.
16. Make **agriculture and related economies knowledge-based** economies with ICT and agri-informatics.
17. **Content**
18. Improve the availability of **quality content**, including **hyper-local information**.
19. Facilitate the appropriate **digitization of local knowledge**, including the know-how of farmers, foresters and fisherfolk.
20. **Tools and Processes**
21. Promote **mobile technology** and **mobile information services** as an important tool in agricultural development and business.
22. Develop **traceability systems** that connect farms to consumers’ tables, providing quality data and securing reliability of our foods.
23. Improve agriculture and food production and management utilizing **sensors**, **cloud computing** and other forms of ICT.
24. Facilitate the **information flows** and **social networks** that will maximize the positive impact that the ICT can have on the livelihoods of people in rural agricultural communities.
25. Expand upon the **success of farmers and business peoples** using mobile technology to access real-time data and to sell their crops/produce remotely.
26. Use **ICT to enable a value chain** that more closely collaborates with producers and make it more efficient to reduce post-harvest losses.
27. Support the use of new technologies – such as machine to machine (M2M) applications – to improve the efficiency of existing practices, and quickly identify and solve problems which could impede efficient management of food production.
28. **Women and Youth**
29. There is an urgent need for **affordable and quality ICT access** providing relevant, quality and actionable content in rural areas, with a particular focus on agricultural smallholders, women and youth.
30. **Empower and ensure access** for **rural women and girls, and youth** with the capacity to use ICT in agriculture.
31. Youth must be **mentored and encouraged** to enhance the agricultural sector through their own ICT innovations.