

MEDIA GRID

ICT4-D Topics/Themes	Some questions for Journalists to consider	Description of Activity
<p>Policy, law and regulation</p>	<p><i>Socio-economic considerations:</i></p> <ul style="list-style-type: none"> • Does it address access issues? If so how? What groups? • How will it be implemented and how soon will one see the benefits? • How many sectors does the policy address? What are these sectors? <p><i>Political considerations:</i></p> <ul style="list-style-type: none"> • What level of political will is there that is backing the policy? • What indications are there for this? <p>Regulatory Framework:</p> <ul style="list-style-type: none"> • Is there a regulatory framework in place? • How does it work and how effective is it? • Does it promote access, investments, and competition? • What are the legal and policy gaps? <p><i>Policy awareness:</i></p> <ul style="list-style-type: none"> • Are citizens are aware of the policy and what was the level of consultation? • How was consultation carried out? 	<ul style="list-style-type: none"> • ICT policy and strategies document (NICI) plan for the country • Legal text voted by parliaments • Institutional framework for ICT promotion created by government • Creation of Ministry of ICT promotion • Implementation of Telecommunication Regulation organization; • All legal documents related to ICT promotion <p style="text-align: center;">Useful links</p> <p>http://allafrica.com/stories/200311050066.html</p> <p>http://www.apdip.net/asian-forum</p> <p>http://news.bbc.co.uk/2/hi/south_asia/3235553.stm</p>
<p>e-Government activities</p>	<p><i>Benefits of e-Government:</i></p> <ul style="list-style-type: none"> • How will new information systems introduced make Government business more efficient? • How will services be improved? • Who are they beneficiaries and what are their views? 	<ul style="list-style-type: none"> • Government Intranet • Information access point for administration services delivery; • Ministries E-strategies initiatives; • Government website and success stories resource centers

	<ul style="list-style-type: none"> Who are the people in the society that depend on government services? How will they be best served? <p><i>Readiness of country for e-Government:</i></p> <ul style="list-style-type: none"> How has the Government prepared for this activity? Levels of strategic thinking and leadership Is there infrastructure in the country and within the government to support the data systems? Does the country have the requisite legal and institutional frameworks? What kind of human and technological capacity is there to support e-government initiatives in the country? <p><i>Readiness of citizens:</i></p> <ul style="list-style-type: none"> Are citizens aware of the services being offered through an e-Government project? How is it helping them and how do they find the level of efficiency? What percentage of citizens have access to Internet/computers if services are online? Are there any alternatives for accessing services besides going online? 	<p><u>Useful links :</u></p> <p>http://www.sdn.undp.org/perl/news/articles.pl?id=5766&do=gpage</p> <p>http://firstmonday.org/issues/issue8_11/blakemore/index.html</p> <p>http://cdsea.org/CDSKnowledge/cds2_activities/c2c/e-governance/egov-forum.htm</p>
<p>e-Commerce for development</p>	<p><i>Telecommunication infrastructure:</i></p> <ul style="list-style-type: none"> Does the level of telecom infrastructure allow for e-commerce activities? What is the role of the telecom sector in the country? To what extent are they providing the necessary 	<p>Electronic commerce is usefully defined as:</p> <p><i>the conduct of commerce in goods and services, with the assistance of telecommunications and telecommunications-based tools</i></p> <ul style="list-style-type: none"> E-services initiatives

	<p>infrastructure?</p> <ul style="list-style-type: none"> • What kind of reforms are taking place to create enabling an environment? • What is the level of Internet access? • What about the e-commerce infrastructure itself? • Is the appropriate legal system in place? • What is the market size and content? • What is the pricing structure? • What are the benefits for Africa: wired versus wireless? • In the absence of an appropriate infrastructure what alternatives are there for introducing e-commerce? 	<p>Useful links</p> <p>http://www.researchandmarkets.com</p> <p>http://www.asiafoundation.org/ICT/reports.html</p> <p>http://www.escwa.org.lb/wsis/conference/documents/ict.pdf</p> <p>www.crito.uci.edu/GIT/project3.asp</p> <p>Alternatives such as m-commerce, for instance.</p>
<p>Infrastructure considerations</p>	<p><i>Financing considerations:</i></p> <ul style="list-style-type: none"> • How will infrastructure issues be addressed? With public funding? • Is there a role for the private sector? <p><i>Rural connectivity:</i></p> <ul style="list-style-type: none"> • Is rural access a consideration? • What kinds of plans (financing, build-up) exist for rural connectivity? • How can rural connectivity be achieved? • What would costs be like and can rural people afford the services? <p><i>Availability of bandwidth:</i></p> <ul style="list-style-type: none"> • What kind of bandwidth capacity do you have a given country to determine the speed of information/data transmission? • How much does the country pay for bandwidth? 	<p>Useful links</p> <p>/download/216288/Internet_prices_in_Africa.pdf</p> <p>http://www.nilebasin.org</p> <p>http://www.nextnetwireless.com/press_100203.asp</p> <p>/download/209879/DevelopNet_Proposal.doc</p>

	<ul style="list-style-type: none"> • Which groups have access? <p>Availability of equipment</p> <ul style="list-style-type: none"> • How affordable are computers? 	
Technological Options for countries	<ul style="list-style-type: none"> • What kind of technological choices does a country have? • What are the cost benefits? • How do you measure its appropriateness for a country? • How does it advance a country's interconnectivity and the interoperability of information systems? • Is there a standardization policy for purchasing equipment for instance? • How accessible and affordable is the technology? 	
ICTs for Health and Nutrition	<ul style="list-style-type: none"> • What are relevant initiatives to improve access to Health services by the community in the country? • What are relevant ICTs applications to improve nutrition in the country? 	<ul style="list-style-type: none"> • Telemedicine • Health portal • Nutrition portal • Virtual link between health center • E-learning in Health domain • Radio communication network based on solar energy to link rural and urban areas <p>Useful links</p> <p>http://www.cdisc.org/</p> <p>http://www.eudravigilance.org/meddra.htm</p> <p>http://www.loinc.org/</p> <p>http://www.hl7.org/</p>
ICT and Gender	<ul style="list-style-type: none"> • Are there examples of projects that aim at empowering women via ICTs? 	<ul style="list-style-type: none"> • Info-web portal for women (development of gateway on special features on empowering women using

	<ul style="list-style-type: none"> • How accessible and affordable are ICT expertise and opportunities for women in the country? • How easy is access to ICT education by Women? • Are ICTs being used by women entrepreneurs for e-commerce? What has been the impact? 	<p>ICT);</p> <ul style="list-style-type: none"> • Discussing list on women issues; • Women telecenter <p><u>Useful links</u></p> <p>http://www.worldbank.org/wbi/B-SPAN/sub_ict_rural.htm</p> <p>http://www.owl.ru/english/content/</p>
ICT for Agriculture and Rural Development	<ul style="list-style-type: none"> • What innovations or projects exist on using ICT in agriculture and rural development? • How ICT can help farmers and rural development in agricultural techniques or in relevant information on farming methods and so on? 	<ul style="list-style-type: none"> • Land portal and resource center • Rural community radio linked to Internet resources <p><u>Useful links</u></p> <p>http://www.revdept-01.kar.nic.in/Bhoomi/Home.htm</p> <p>http://news.bbc.co.uk/2/hi/south_asia/3235553.stm</p> <p>http://lnweb18.worldbank.org/ESSD/ardext.nsf/26ByDocName/AKISResearchExtension</p>
ICT for Education and Science	<ul style="list-style-type: none"> • How do ICT applications in Education help in training from primary to University or other vocational education systems? • What is the education policy implemented that will gradually incorporate the use ICT to solve problems faced in schools? • How is ICT applied in distance learning? • How is ICT integrated in education and in an out-of-school context? • How can ICT be used to enhance life-long learning? • How is ICT helping to improve qualified ICT expertise and skills within the country? • What is the ICT R&D policy in the country if it exists? 	<ul style="list-style-type: none"> • Distance learning Initiative • Learning platform for students and faculty • Resources center for research and development • Discussing lists within students on ICT4D • Discussing lists within Universities and Academia institution on ICT4D <p><u>Useful links</u></p> <p>http://www.asiaweek.com/asiaweek/features/mba/main2.html</p> <p>http://authors.elsevier.com/</p> <p>http://www.publishingtrends.com/copy/03/0310/0310phoenix.htm</p>

ICT for Indigenous Development	<ul style="list-style-type: none"> • Are there relevant initiatives where ICT is being used for the development of indigenous people and communities? 	<ul style="list-style-type: none"> • Connectivity for rural community activities; • African language on Internet; • Image touch screen including local language initiatives; • Community radio combined with Internet access initiatives • Indigenous tribal culture virtual museum; • Traditional knowledge <p><u>Useful links</u></p> <p>http://www.oyate.com/</p> <p>http://www.digitalopportunity.org/article/view/70348/1/</p> <p>http://www.uneca.org/aisi/ICConnectAfrica/v1n5.htm/</p>
ICT for poverty reduction and growth	<ul style="list-style-type: none"> • What are the available ICT applications to reduce poverty and empower the poor to help themselves ? 	<ul style="list-style-type: none"> • Activities related to community development <p><u>Useful links</u></p> <p>http://www.i4donline.net/issue/may03/kenneth.htm</p> <p>http://www.cities-lyon.org/devecoAL</p>
Open source software	<ul style="list-style-type: none"> • What are the efforts within the country to promote the development of open source and free software? • What policy is available in the future about the issue in the country? 	<ul style="list-style-type: none"> • Legal text on open source software; • Open source association; • Training open source software in schools <p>Useful links</p> <p>http://allafrica.com/stories/200311050590.html</p> <p>http://www.silicon.com/software/os/print.htm?TYPE=story&AT=39116677-39024651t-40000022c</p>
Community telecenter and Cybercafes	<ul style="list-style-type: none"> • What are the types of public access initiatives within the country that provide useful web resources to the community? • Where are they implemented? 	<p>The Community access point is useful web resources related to assuring better community access and participation through the public access Internet infrastructure points.</p> <p><u>Useful links</u></p>

	<ul style="list-style-type: none"> Do community telecenters, Internet kiosks, Internet cafes, mobile community access points exist in the country? How effective are they? 	http://news.com.com/2100-1028_3-5097379.html?tag=nefd_top http://www.nextnetwireless.com/press_100203.asp
Awareness raising and Networking	<ul style="list-style-type: none"> Are there initiatives to increase public awareness about the various applications of ICT in the economy and society, business and government? Examples at national, subregional and regional levels? 	<ul style="list-style-type: none"> Weekly news on ICT4D in radio or TV stations Media network for ICT promotion at country level Media network for ICT promotion at regional level <p>Useful links</p> <p>http://www.nilebasin.org</p> <p>http://www.dgroups.org/</p> <p>http://www.developmentgateway.com/itsd</p>
Capacity building and Training	<ul style="list-style-type: none"> What are the efforts in the country to build human and institutional capacity in utilizing ICT in the economy and society, business and government? 	<ul style="list-style-type: none"> ICT learning outside school environment; Government initiative to help public personal to have computer at home; Promotion of ICT training centers Streamlining ICT in national budget
SOME TECHNICAL TOPICS OR WORDS		
		•
Analog and Digitize systems	<ul style="list-style-type: none"> What is the difference between analog and digitalized radio systems? 	<ul style="list-style-type: none"> CD-Rom data exp of digitized data; Digitized radio station Old Radio station equipment
Bandwidth consuming	<ul style="list-style-type: none"> What is Internet or network bandwidth? Bandwidth for a country? Bandwidth for all? How does bandwidth in major towns compare to available bandwidth in remote and rural areas ? How much text, sound and video bandwidth is consuming bandwidth? 	<ul style="list-style-type: none"> Make comparision with water pump of something else; Internal digital divide means the difference of bandwidth access between town and remote or rural area in the same country? Situation we can call inequality in the Bandwidth service delivery—

Internet service Provider	<ul style="list-style-type: none"> • Is it necessary for your radio station to have all the major equipment before having access to an e-mail address or a website? • Do you need to have Internet subscribe from an Internet Service Provider? 	<ul style="list-style-type: none"> • Subscribe to ISP for mailbox, access to the web, space for broadcasting or for WebPages or advertisement
Radio and Video on Internet	<ul style="list-style-type: none"> • Broadcast possibilities (discussion lists, mailing list, professional broadcasting; streaming - live, web casting) 	<ul style="list-style-type: none"> • Radio and video on Internet • Technology option that allow to post audio and video files on the web. • Radio and Video streaming • Web casting • Live Radio definition • Live Video definition • Streaming package • Cable TV?