

Summary of Country Data Collected

Country	Population	# of Mobile Operators	Mobile Teledensity	Price of Prepaid SIM card	Interconnection Problem	Competition Law
UK	61 m.	5 national operators; # of small local operators; Irish; 10-20 MVNO (Virgin, 5 m., Tesco 3 m.)	115%	Free, \$10-20	No	Yes
South Africa	46 m.	3 MNOs; 1 MVNO (Virgin Mobile)	33 m. subscribers; 70%	Free, 71 cents; \$20-50 (at airport)	No; but problems between MNO and new entrants (VoIP),	Yes
Mauritius	1.2 m.	2 MNO (incumbent, Mtel)	About 100% of territory; teledensity quite high	\$10-15, but frequent promotions where free	No, but cost problems	Draft bill hopefully to be presented at end of November/beginning of December; Fair Trading Act to protect consumers
Zambia	11.4 m.	3 MNOs (MTN, incumbent,	2 m. subscribers; 16%	Dropped from \$60 about 5 years ago to \$1 now	Yes, impasse between fixed incumbent and mobile regarding rates; regulator cannot enforce interconnection obligation in	Yes, competition authority; working on ICT bill

Training on Competition and Changing Market Conditions: Impact on ICT Regulation
6-9th November 2007, Addis Ababa, Ethiopia

Country	Population	# of Mobile Operators	Mobile Teledensity	Price of Prepaid SIM card	Interconnection Problem	Competition Law
					law because no subsidiary regulation but can mediate	
Malawi	30 m.	2 MNOs	5%	\$1.70	Yes, dispute between fixed and mobile operators	No
Mozambique	20 m.	2 MNOs (MCell and Vodacom)	3 m. subscribers; 15%	\$1.90	Yes, conflict between fixed and mobile	No, but bill hope to be approved by Parliament
Austria	8 m.	4 MNOs; 4 MVNOs (owned by MNOs)	Beyond 110%	From -10 to -15 to up to \$5	Had them before, always centering on process	Yes, sector specific regulation; cartel courts; competition council and competition authority
India	1.1 billion	7 MNOs; 6-7 regional	20% (coverage 100%)	\$1; some \$10; lifetime card offered a few years ago recharge for \$5	Yes, in past, now stable	Yes in 2001; from 2001-2007 was in litigation but recently resolved
Comoros	700,000	1 MNO (but a second granted)	30,000 subscribers; 4%	\$200 in 2003, now \$50	No, b/c only one fixed operator	No
Sudan	36.5 m.	3 MNOs	23%	From free up to \$5	Yes, MTRs and quality of service for interconnection	No
Ethiopia	75 m.	1 MNO	2.68%	\$40	No	No
Swaziland	980,000	1 MNO	32%	\$2.10	Yes, regarding fixed to mobile termination rate; no independent regulator working on that; spillover	No sector specific although competition law with public sector unit
Uganda	28.2 m.	3 MNOs	3.5 m. as of June	\$1.60 (but	Matter of commercial	No, but Fair Competition

Training on Competition and Changing Market Conditions: Impact on ICT Regulation
6-9th November 2007, Addis Ababa, Ethiopia

Country	Population	# of Mobile Operators	Mobile Teledensity	Price of Prepaid SIM card	Interconnection Problem	Competition Law
		(UTL, Celtel, MTN); 6 new infrastructure licenses that can provide mobile; 10 MVNOs – hold PCP licenses	2007 – 30%	includes airtime of more than \$1- so really only 60 cents)	negotiation with regulator provided approval; case in court between fixed and mobile and UCC invited as friend of court; MVNO have problems regarding rate because don't have leverage/financial weight; cost studies	Guidelines, no tribunal has been established as per telecom law
Burundi	8 m.	4 MNOs; 2 MVNOs	8%	\$8, but includes \$5 credit – so really \$3	No, interconnection charges are high	Draft competition law in
Rwanda	9.1 m.	2 MNOs (MTN, Rwandatel)	510,000; 5%	\$2	No, except that 2005 conflict between Rwandatel and MTN on rates resolved through cost study	No
Congo	60 m.	4 MNO	4.3 m. subscribers - 13% (coverage about 50%)	\$5 – 5 years ago; now \$1 or less	No, only problem is interconnection charge and working on model interconnection price with World Bank	No competition commission – issue of competition is handled through telecom regulator and Ministry of Economic Affairs
Zimbabwe	11.6 m.	3 MNOs (Econet (50%), Telecel, and Netone)	10.4%	Black market – up to \$30; official market - \$8-10	No, since moving to cost-based rates but prior to that problems with revenue-sharing	Yes; informal coordination between regulator and competition authority -- when telecom issues come up

Training on Competition and Changing Market Conditions: Impact on ICT Regulation
 6-9th November 2007, Addis Ababa, Ethiopia

Country	Population	# of Mobile Operators	Mobile Teledensity	Price of Prepaid SIM card	Interconnection Problem	Competition Law
						competition authority checks with telecom regulator
Madagascar	18 m.	3 MNOs	70% coverage in cities; 10-12%	\$1 to \$2 and some free	No	Law not yet adopted introduced in 2002
Kenya	33 m.	2 MNOs (Safaricom and Celtel); fixed operator applied for license but has not been granted yet.	9 m. subscribers; 27%	\$1.20 to \$1.40	Yes, problems mainly between ISP wanting to interconnection with mobile; with fixed problem has been resolved	Sector-specific; process has been ongoing to get bill passed in Parliament on competition