Table 14. 1: Digital Transformation Interventions and Respective Actors Interventions Actors Objective 1: Increase the national ICT infrastructure coverage 1. Extend broadband ICT infrastructure coverage countrywide in partnership with the private sector and all Government entities and implement last mile connectivity to key areas (Districts, sub-counties, schools, hospitals, post offices, tourism sites, police, LGs etc.) a. Leverage existing infrastructure by government and private sector players MoICT&NG, NITAU, UCC, POSTA, UTL, MEMD, UETCL, UEDCL, UBC/SIGNET, Other Utility service providers (MoWE, MoWT), Communication service providers 2. Expand the Digital Terrestrial Television and Radio Broadcasting network MoICT&NG, NITAU, UCC, UBC/SIGNET, Broadcast service providers 3. Establish and enhance national common core infrastructure (data centres, high power computing centres, specialized labs) NITA, MoICT & NG, UCC, Private Sector players Objective 2: Enhance usage of ICT in national development and service delivery 1. Mainstream ICT in all sectors of the economy and digitize service delivery ALL MDAs 155 NATIONAL PLANNING AUTHORITY 156 Interventions Actors 2. Strengthen Cyber Security in the country MoICT&NG, NITAU, UCC, Private Sector players, Security agencies 3. Develop and implement the Data Protection and Privacy Programme MoICT&NG, NITAU, UCC, Private Sector 4. Leverage the existing Government infrastructure to deliver public and private services POSTA, MoICT & NG, NITAU, MoPS 5. Digitize, archive and commercialize Local Contents and data ALL MDAs, Private Sector 6. Implement the national addressing system POSTA, MoICT & NG, NITAU, MOLG, LGs, KCCA Objective 3: Promote ICT research, innovation and commercialisation of indigenous knowledge products 1. Develop and implement ICT Research and Innovation ecosystem MoICT & NG, UICT, MSTI, UCC, NITAU, ACADEMIA, PRIVATE SECTOR 2. Develop Innovation and incubation Centres MoICT & NG, UICT, MSTI, PRIVATE SECTOR, CIVIL SOCIETY, ACADEMIA 3. Support local innovation and promote export of knowledge products MoICT&NG, NITAU, UCC, PRIVATE SECTOR, ACADEMIA 4. Promote local manufacturing and assembly of ICT products MoICT & NG, UCC, NITA, MSTI, PRIVATE SECTOR 5. Undertake innovative management of e-waste MoICT&NG, NITAU, UCC, PRIVATE SECTOR, ACADEMIA, NEMA, MWE, LGs Objective 4: Increase the ICT human resource capital 1. Develop a well-grounded ICT professional workforce MoICT & NG, UICT, MoES, NCDC, NCHE, ACADEMIA 2. Develop an ICT professional’s quality assurance framework MoICT & NG, UICT, NITA, MoES, NCDC, NCHE 3. Provide digital literacy training MoICT & NG, UICT, UCC, NITA, NCHE ACADEMIA 4. Develop ICT centres of excellence and vocational institutions MoICT & NG, UICT, UCC, MoES, NCHE 5. Review and implement ICT training curriculum at all levels of Education system in line with the emerging technologies MoICT & NG, UICT, UCC, NITA, MoES, NCDC, NCHE, ACADEMIA 6. Implement targeted capacity building for teachers to incorporate ICT in Pedagogy MoICT & NG, UICT, MoES, NITAU, NCHE Objective 5: Strengthen the policy, legal and regulatory framework 1. Regulate, coordinate and harmonize ICT infrastructure planning, sharing and deployment within the public and private sector MoICT & NG, UCC, NITAU 2. Review and develop appropriate policies, strategies, standards and regulations that respond to industry needs MoICT & NG, UCC, NITAU