

## ICTs AND LOCAL GOVERNANCE IN UGANDA: A CASE OF DISTRICT ADMINISTRATIVE NETWORK IN UGANDA

### *A Methodological Matrix*

<b>Research areas</b>	<b>Data to be collected</b>	<b>Sources of data</b>	<b>Data collection tools</b>	<b>Data analysis techniques</b>
Application of ICTs by local governments (LGs) in Uganda	<ul style="list-style-type: none"> <li>• Knowledge &amp; awareness of ICTs</li> <li>• Types of ICT equipment available at LG centers</li> <li>• Constraints in using ICTs by LGs—technical factors, power supply, maintenance of equipment</li> </ul>	<ul style="list-style-type: none"> <li>• MoC&amp;ICTs</li> <li>• LG officials—civil and political</li> <li>• Documents—LG reports, minutes, articles etc</li> </ul>	<ul style="list-style-type: none"> <li>• Interview guides</li> <li>• Secondary data checklist</li> <li>• Observation guide</li> </ul>	<ul style="list-style-type: none"> <li>• Qualitative methods—content &amp; thematic approaches</li> </ul>
Purposes for applying ICTs by local governments	<ul style="list-style-type: none"> <li>• Reasons for using ICTs</li> <li>• Accruing benefits for using ICTs vis-à-vis the traditional modes of doing business</li> <li>• Appreciation for using ICTs</li> </ul>	<ul style="list-style-type: none"> <li>• LG officials—civil and political</li> <li>• Documents—LG reports, minutes, articles etc</li> </ul>	<ul style="list-style-type: none"> <li>• Interview guides</li> <li>• Secondary data checklist</li> </ul>	<ul style="list-style-type: none"> <li>• Qualitative methods—content &amp; thematic approaches</li> </ul>
Promotion of citizen participation (CP) in matters of local governance by ICTs?	<ul style="list-style-type: none"> <li>• Nature of involvement of citizens in local governance</li> <li>• Results of application of ICTs on CP in local governance</li> <li>• Constraints to CP &amp; ICT promotion</li> </ul>	<ul style="list-style-type: none"> <li>• Communities</li> <li>• Local leaders</li> <li>• LG officials—civil and political</li> </ul>	<ul style="list-style-type: none"> <li>• Structured survey questionnaire</li> <li>• Interview guide</li> <li>• Focus Group Guide</li> </ul>	<ul style="list-style-type: none"> <li>• SPSS for Quantitative data</li> <li>• Qualitative methods—content &amp; thematic approaches</li> </ul>
Categories of people participating in local governance issues using ICTs and aspects addressed	<ul style="list-style-type: none"> <li>• Participation in LG using ICTs by users' age, education, economic status, locality etc</li> <li>• Purpose for ICT use—public information on governance, personal communication, accessing information for socio-economic and political developments etc</li> </ul>	<ul style="list-style-type: none"> <li>• Communities</li> <li>• Local leaders</li> <li>• LG officials—civil and political</li> </ul>	<ul style="list-style-type: none"> <li>• Structured survey questionnaire</li> <li>• Interview guide</li> <li>• Focus Group Guide</li> </ul>	<ul style="list-style-type: none"> <li>• SPSS for Quantitative data</li> <li>• Qualitative methods—content &amp; thematic approaches</li> </ul>
Gender dimensions and socio-demographic/economic characteristics of people involved in local governance using ICTs	<ul style="list-style-type: none"> <li>• Extent women and men are involved/using ICTs in local governance</li> <li>• Application of ICTs by rural dwellers in local governance</li> <li>• Extent of using ICTs by poor people in local governance</li> </ul>	<ul style="list-style-type: none"> <li>• Communities</li> <li>• Local leaders</li> <li>• LG officials—civil and political</li> </ul>	<ul style="list-style-type: none"> <li>• Structured survey questionnaire</li> <li>• Interview guide</li> <li>• Focus Group Guide</li> </ul>	<ul style="list-style-type: none"> <li>• SPSS for Quantitative data</li> <li>• Qualitative methods—content &amp; thematic approaches</li> </ul>
Improvement of service delivery at the grassroots level through ICT	<ul style="list-style-type: none"> <li>• Nature of services delivered by local governments to grassroots</li> <li>• Interface between ICTs and service</li> </ul>	<ul style="list-style-type: none"> <li>• Communities</li> <li>• Local leaders</li> </ul>	<ul style="list-style-type: none"> <li>• Structured survey questionnaire</li> <li>• Interview guide</li> </ul>	<ul style="list-style-type: none"> <li>• SPSS for Quantitative data</li> <li>• Qualitative methods—</li> </ul>

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application	<ul style="list-style-type: none"> <li>• delivery at the grassroots</li> <li>• Changes in the modes of service delivery as a result of ICTs</li> </ul>	<ul style="list-style-type: none"> <li>• LG officials—civil and political</li> </ul>	<ul style="list-style-type: none"> <li>• Focus Group Guide</li> </ul>	<ul style="list-style-type: none"> <li>• content &amp; thematic approaches</li> </ul>
Enhanced political awareness and consciousness through the application of ICTs	<ul style="list-style-type: none"> <li>• Involvement in political processes</li> <li>• Knowledge on political rights</li> <li>• Improved democratic tendencies</li> </ul>	<ul style="list-style-type: none"> <li>• Communities</li> <li>• Local leaders</li> <li>• LG officials—civil and political</li> </ul>	<ul style="list-style-type: none"> <li>• Structured survey questionnaire</li> <li>• Interview guide</li> <li>• Focus Group Guide</li> </ul>	<ul style="list-style-type: none"> <li>• SPSS for Quantitative data</li> <li>• Qualitative methods—content &amp; thematic approaches</li> </ul>
Influence of ICTs on political decision-making	<ul style="list-style-type: none"> <li>• Nature of political decision-making using ICTs—top-bottom or bottom-top</li> <li>• Awareness of the process of political decision-making as a result of ICTs</li> <li>• Acceptability of decisions made</li> </ul>	<ul style="list-style-type: none"> <li>• Communities</li> <li>• Local leaders</li> <li>• LG officials—civil and political</li> </ul>	<ul style="list-style-type: none"> <li>• Structured survey questionnaire</li> <li>• Interview guide</li> <li>• Focus Group Guide</li> </ul>	<ul style="list-style-type: none"> <li>• SPSS for Quantitative data</li> <li>• Qualitative methods—content &amp; thematic approaches</li> </ul>
ICTs and improved accountability and transparency resulting from e-governance?	<ul style="list-style-type: none"> <li>• Mechanisms instituted to promote accountability and transparency using ICTs</li> <li>• Peoples' perceptions of LGs accountability and transparency in execution of duties</li> <li>• Enhanced service delivery at the grassroots</li> </ul>	<ul style="list-style-type: none"> <li>• Communities</li> <li>• Local leaders</li> <li>• LG officials—civil and political</li> </ul>	<ul style="list-style-type: none"> <li>• Structured survey questionnaire</li> <li>• Interview guide</li> </ul>	<ul style="list-style-type: none"> <li>• SPSS for Quantitative data</li> <li>• Qualitative methods—content &amp; thematic approaches</li> </ul>
Nature of the outcomes of using ICTs in e-governance	<ul style="list-style-type: none"> <li>• Democratic tendencies in LGs</li> <li>• Involvement in decision-making</li> <li>• Involvement in running the affairs of LG</li> <li>• Style of decision-making in LGs</li> </ul>	<ul style="list-style-type: none"> <li>• Communities</li> <li>• Local leaders</li> <li>• LG officials—civil and political</li> </ul>	<ul style="list-style-type: none"> <li>• Structured survey questionnaire</li> <li>• Interview guide</li> </ul>	<ul style="list-style-type: none"> <li>• SPSS for Quantitative data</li> <li>• Qualitative methods—content &amp; thematic approaches</li> </ul>
Cost of ICT use to the participants in the governance debates	<ul style="list-style-type: none"> <li>• Time constraint in learning and usage of ICTs by LGs</li> <li>• Financial costs in using ICTs at individual and LG level</li> </ul>	<ul style="list-style-type: none"> <li>• Communities</li> <li>• Local leaders</li> <li>• LG officials—civil and political</li> </ul>	<ul style="list-style-type: none"> <li>• Structured survey questionnaire</li> <li>• Interview guide</li> </ul>	<ul style="list-style-type: none"> <li>• SPSS for Quantitative data</li> <li>• Qualitative methods—content &amp; thematic approaches</li> </ul>