### Aeronautics and Space Science Bureau

Dr. Agaba Doreen & Eng. Waibi Brian

#### ST&I

Space Weather and Upper Atmospheric data analysis training workshop for the East African Community, Muni University

September 25, 2023

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Utilisation of satellite technology in the development of Uganda through economic transformation as guided by;

- Vision 2040
- NDP III
- NRM Manifesto

**NDPIII Goal**: "Increased Household Incomes and Improved Quality of Life of Ugandans."

**How ?**: Increased quality, quantity, value and diversity of production using Science, Technology and Innovation.

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# ST&I 4 Development through;



- Knowledge based economy (Intellectual capital)
- Suitable regulatory framework (Policy realignment)
- Cross-sector coordination (Promotion, Funding and Support)
- Ecosystem development (Link Govn't, Industry and Academia)
- Critical technologies (Space, AI/ML, Big Data, Nanotech...)
- Requisite infrastructure (Manufacturing, Innovation transfer)

# Space Science in Uganda

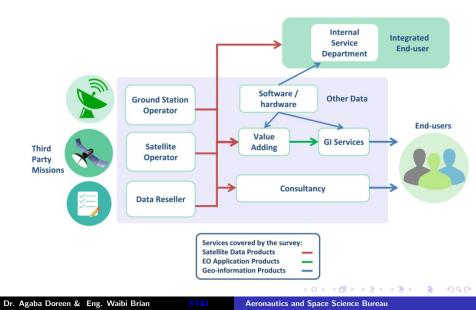
#### NDP III Priority areas:

Agriculture, Minerals, Infrastructure, Tourism, Human Capital.

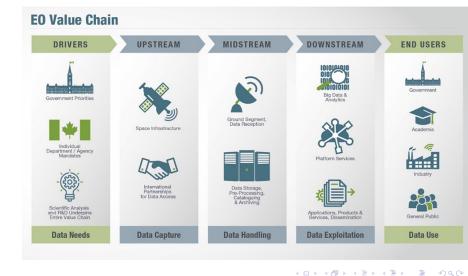


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### EO Services Industry Trends



# Establishing an Ecosystem

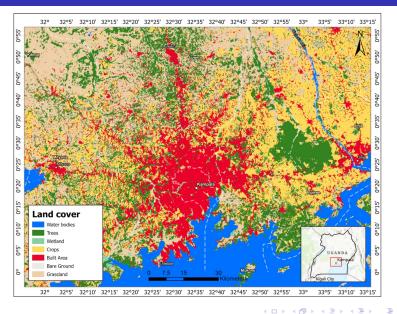


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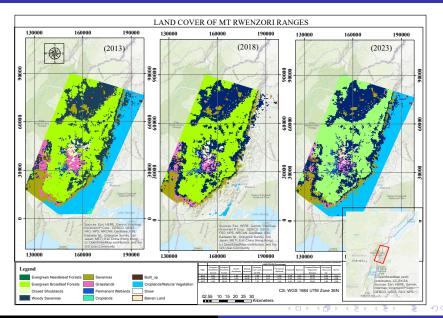
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### EO 4 Urban growth, Unplanned settlements, Waste mgnt



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# EO 4 Land cover, Forest cover, Land use and Soil mapping

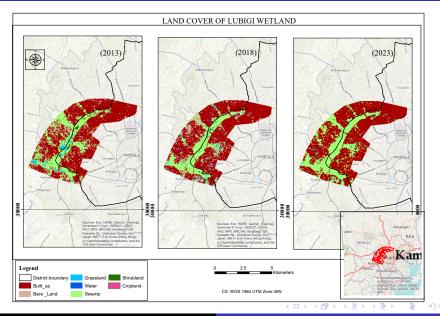


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# EO 4 Hydrological research, Evaluation and Management



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### Mpoma Satellite Earth Station

#### You are welcome to visit our facility...



#### Thank you

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