

RENU – The Organisation

Presentation to the Education in Emergency Sector Working Group Thursday, 5th December 2024

> By Timothy Ekaru tekaru@renu.ac.ug





The Beginning

2006, Entebbe

- VCs of Universities
- CEOs and EDs of Research Institutions





The Beginning

Initial challenge

Reliable & affordable connectivity

BUT

 Connectivity just a means to an end

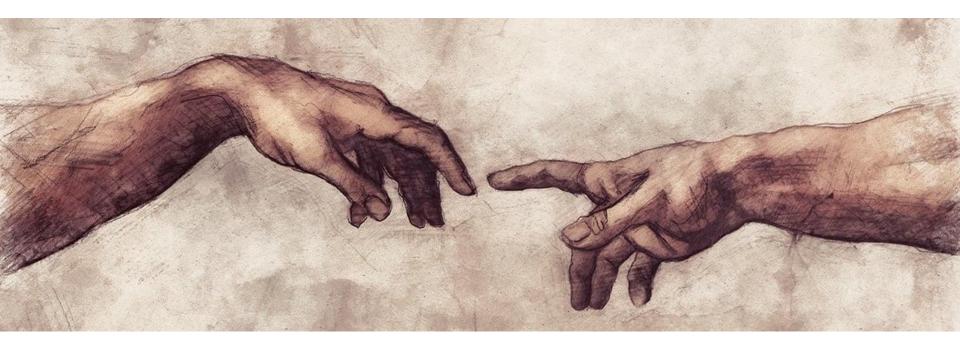
What's the end?

- Access to resources
- Improved methods
- Improved collaboration

Hence

 High quality education and research

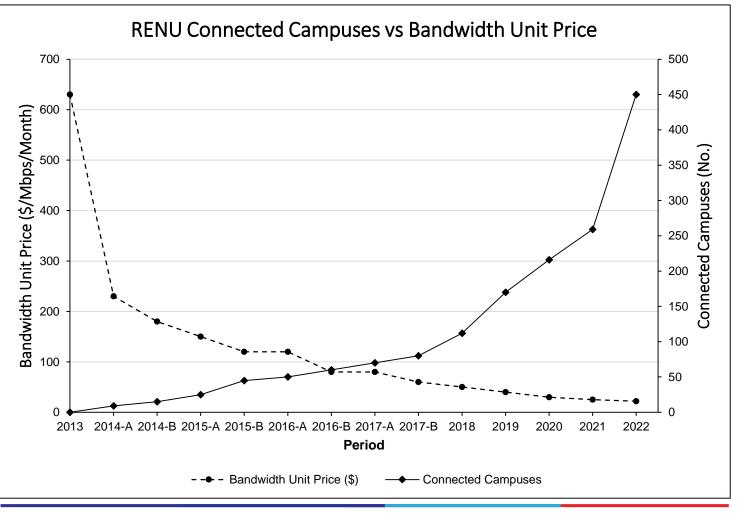




Connectivity - Membership



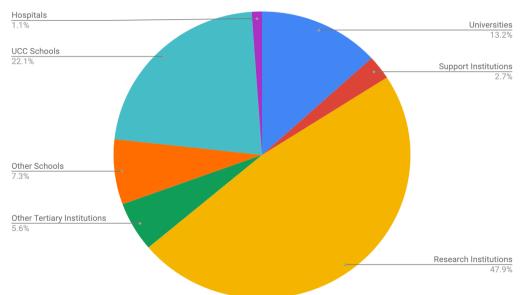
| Year | 2023 | 2022 | 2021 | 2020 |
|-----------------------------|------|------|------|------|
| Member Institutions | 268 | 179 | 152 | 139 |
| | | | | |
| Connected Campuses | 628 | 450 | 259 | 216 |
| Universities | 83 | 72 | 67 | 61 |
| Research Sites | 301 | 255 | 85 | 58 |
| Other Tertiary Institutions | 35 | 27 | 22 | 16 |
| Affiliate Institutions | 17 | 13 | 13 | 13 |
| Schools | 185 | 77 | 66 | 62 |
| Hospitals | 7 | 6 | 6 | 6 |



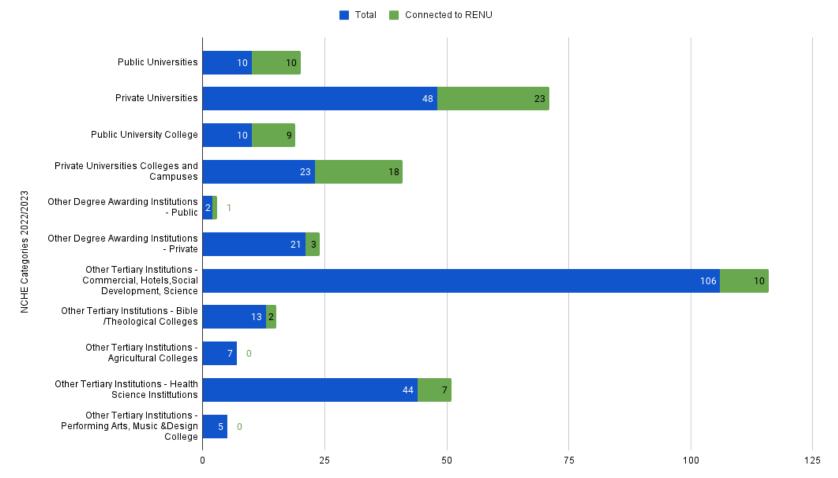


Connectivity - Membership





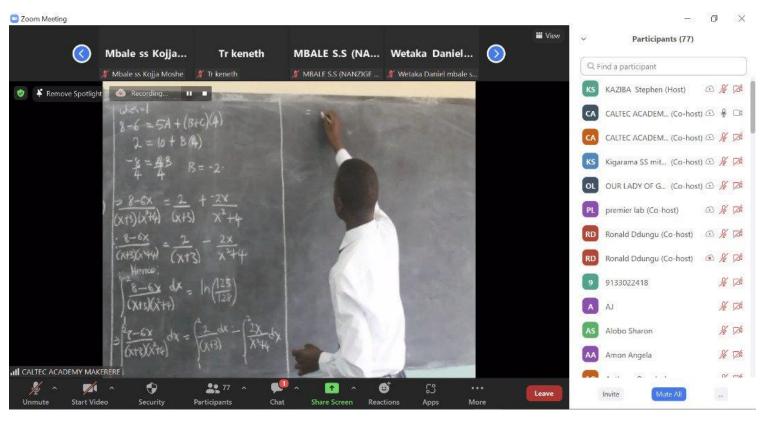
| Number of Connected Sites | 628 |
|---------------------------------------|-----|
| Number of University Campuses | 83 |
| Numbers of Research Sites | 301 |
| Number of Other Tertiary Institutions | 35 |
| Number of Support Institutions | 17 |
| Number of Hospitals | 07 |
| Number of Schools | 46 |
| Number of UCC Supported Schools | 139 |



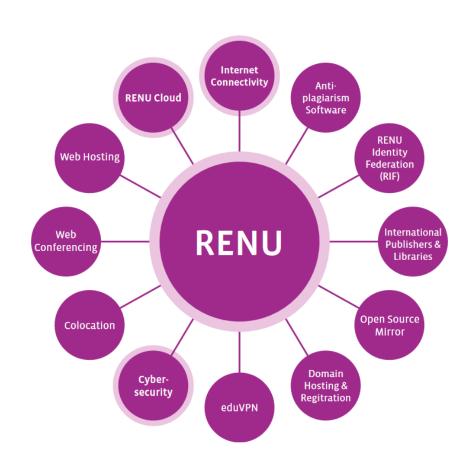
Gaps

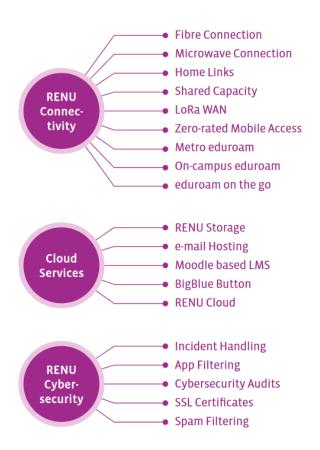
Case of Virtual School Seminars





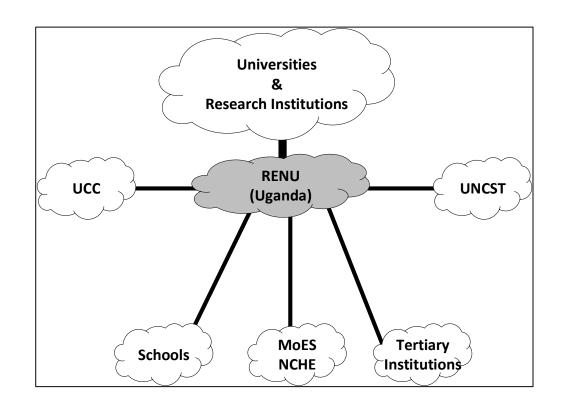
RENU SERVICES AND PRODUCTS





Governance - Stakeholders







eduroam

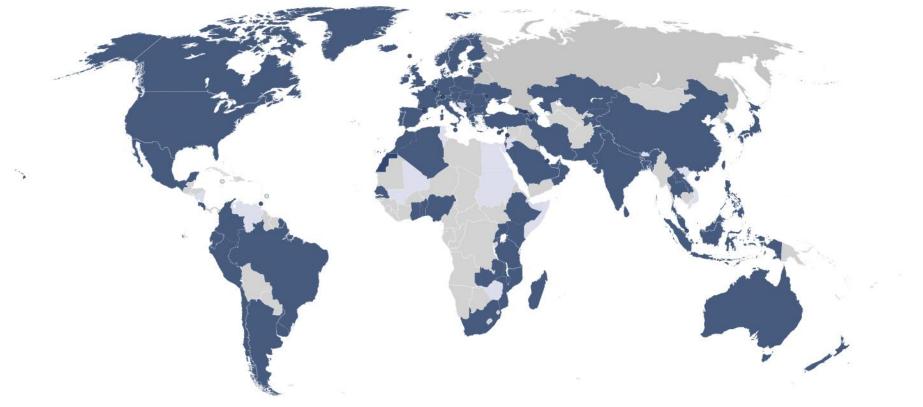


- eduroam (education roaming) roaming access service for the international R&E community.
- It allows students, researchers and staff from institutions to obtain **Internet connectivity** across campus and when visiting other institutions.



eduroam

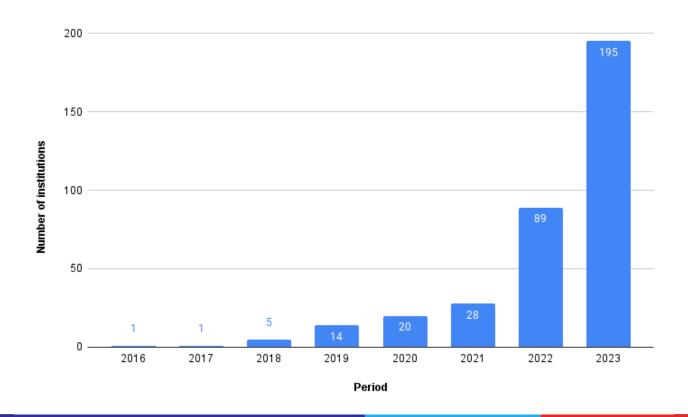






eduroam – Growth in participating Institutions



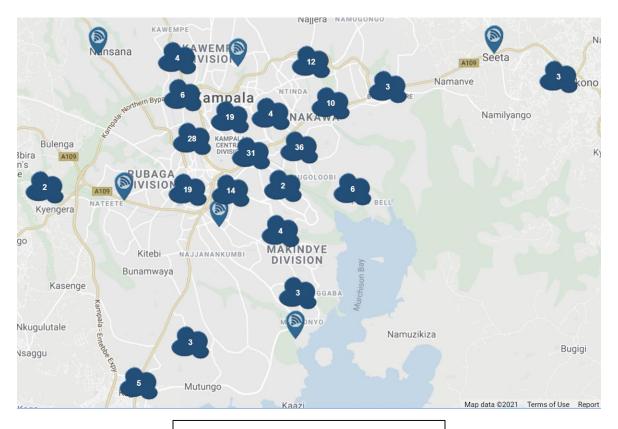


Different flavours of eduroam

- On Campus eduroam Access to Internet connectivity inside an R&E Institution.
- Metro eduroam Access to Internet connectivity off campus in specific hotspots.
- eduroam on the Go Access to Internet connectivity using portable MiFi devices
- Homelink eduroam Access to Internet connectivity at home/ place of comfort.

Metro eduroam – Coverage Map





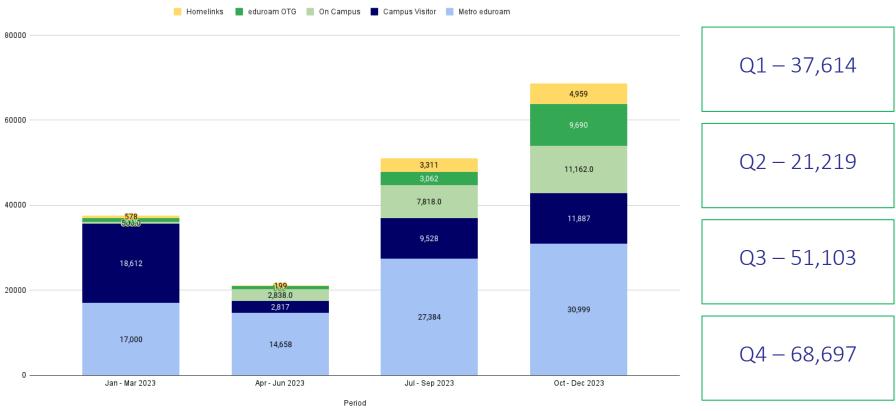
https://eduroam.renu.ac.ug/





eduroam – Unique Users







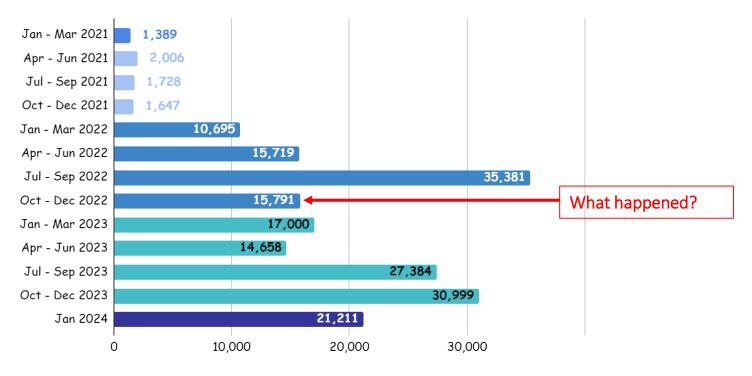


2023 - Metro eduroam - Successful Logins

17,620,099

Metro eduroam – Unique Users



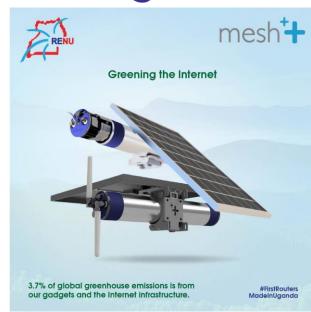






RENU Partners with Mesh++ to Manufacture Solar-powered Internet Routers in Uganda

- How do we scale up Metro eduroam and support institutions better.
- Sustainability?
 - Financial
 - Environment
 - Ecosystem
 - Social, political





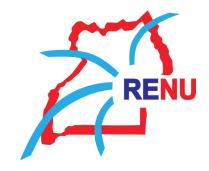




Local Manufacturing



- Job creation
- Import substitution
 - Source of forex from exports
 - Improving balance of payments
- Linking Academia and Industry
 - Research and development
 - Local intellectual property
- Backward and forward linkages
 - Sourcing local raw materials
 - Supporting local industries
- Uganda digital transformation
- Lowering cost of ICTs.
- Solving infrastructure inadequacies.



Thank You!

www.renu.ac.ug