

RENU

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Outline

- The Beginning
- The Rise
- The Future
- Governance
- RENUMESH
- Services

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

The Beginning - 1st RENU Strategic Plan

- 2008 to 2015
- **Key Targets**
 - Establishing RENU
 - Setting up RENU network

Vision

A world class knowledge network for societal transformation.

Mission

To promote knowledge creation and sharing amongst scholars and researchers through the provision of advanced network services.

The Rise – 2nd RENU Strategic Plan

- 2015 to 2019
- **Key Targets**
 - Growing membership
 - Growing network coverage
 - Growing network usage
 - Improving QoS
 - Reducing cost of access
 - Introducing new services

Vision

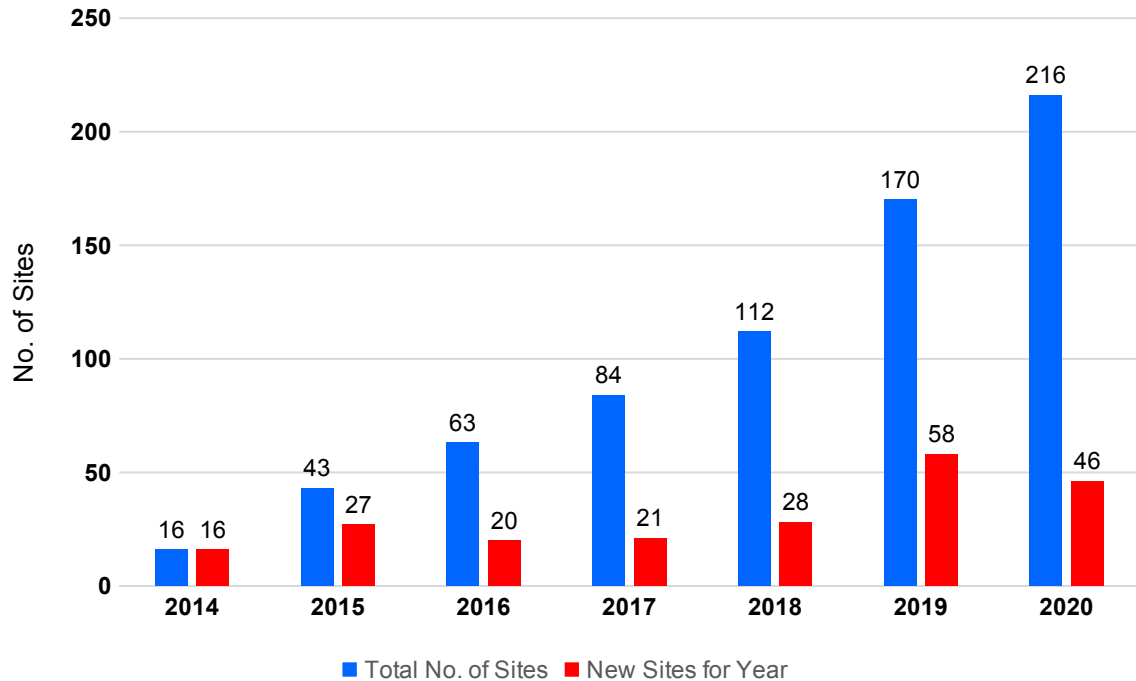
To be a world class research and education network that effectively facilitates Ugandan research and higher education institutions to fully participate in and contribute to the global knowledge society.

Mission

To facilitate collaboration between R&E institutions for knowledge creation and sharing especially for Ugandan scholars, researchers and students through the provision of advanced network services.

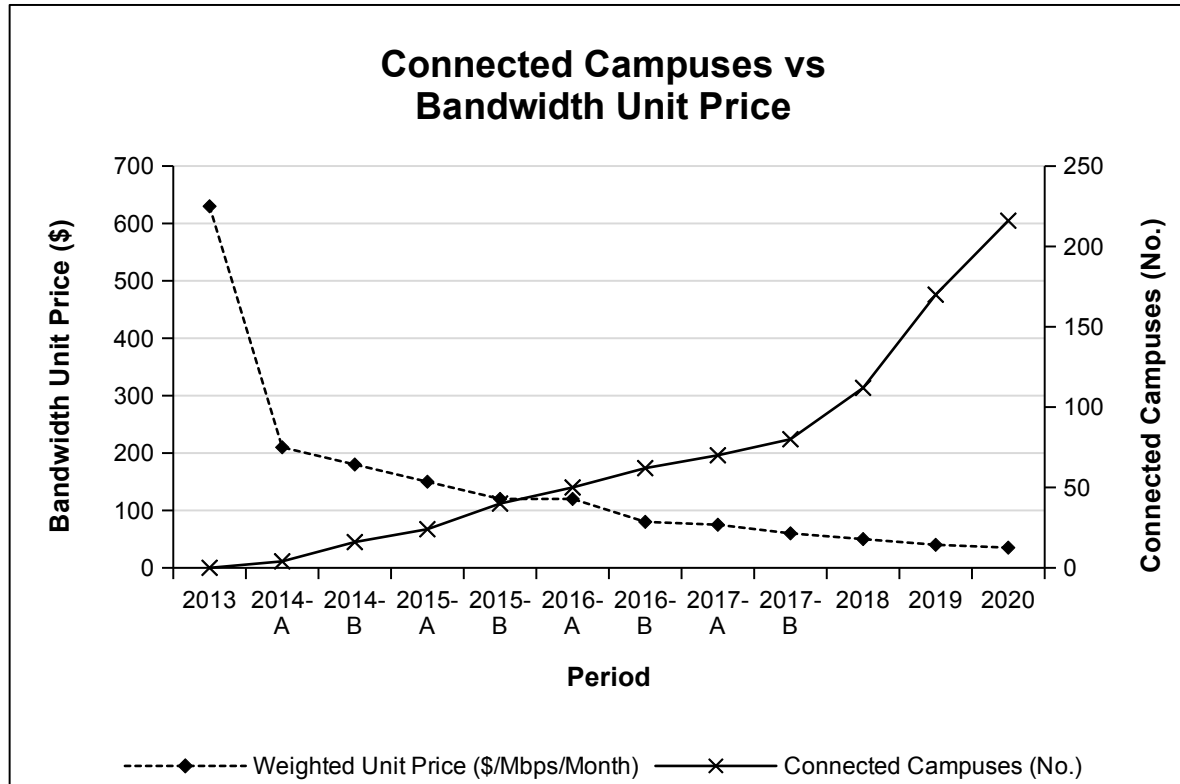
The Rise – Connected Campuses

Connected Campuses over the Years



- Sites - 873
- Capacity – 18 Gbps
- Members: 350

The Rise – Bandwidth Price Drop



The Rise – Other Achievements

- Collaboration with licensed ISPs
 - Working with over 10 currently.
- Technical capacity building
 - Over 400 participants since 2014
 - Community of ICT developed
- Collaboration among institutions
 - Virtual seminars (over 60 schools attend)
- Growth of RENU establishment
 - Turnover
 - Staff – 4 in 2014, 24 in 2020 (50% female)

3rd RENU Strategic Plan

2019 to 2023

- End-user focused
- Consolidate services

Key Focus Areas

- Infrastructure and Service availability
- Cybersecurity
- Research
 - Funding
 - Incubation
- Connectivity, still!
- Capacity building
- Collaboration, local and global
- End-user engagement

4th RENU Strategic Plan

2024 to 2028

- Knowledge sharing
- Research communities
- Solutions oriented

Key Focus Areas

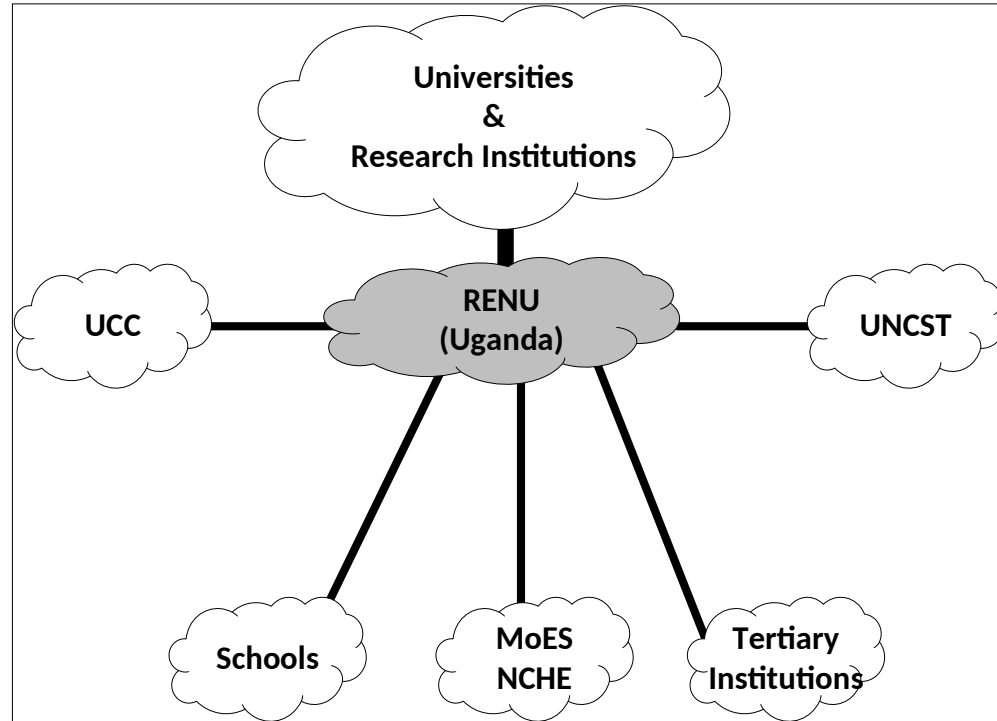
- Research and Innovation
- End user engagement
- Expansion of service offering

Vision

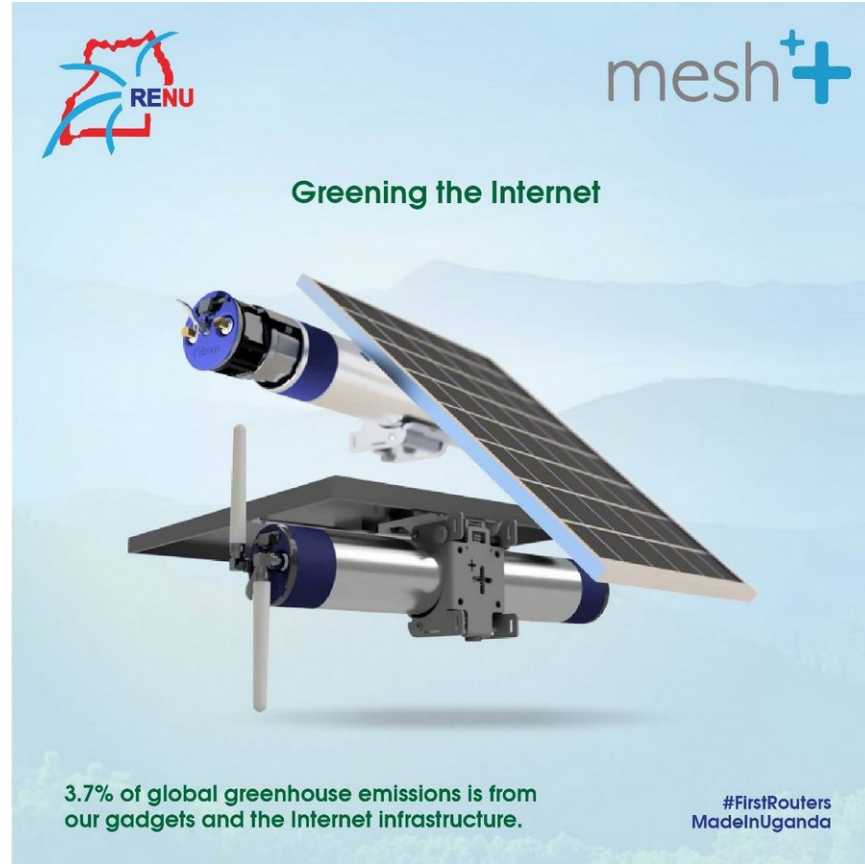
A vibrant knowledge creation and solutions development community.

Governance - Stakeholders

- Universities – 6
- MoES – 1
- UCC – 1
- UNCST – 1
- NCHE – 1



RENUMESH

A promotional graphic for RENUMESH. It features a 3D rendering of a solar-powered mesh antenna system against a light blue background with a faint mountain range. The system consists of a solar panel mounted on a metal frame, with a mesh antenna structure extending from it. The RENU logo is in the top left, and the text "mesh+" is in the top right. The title "Greening the Internet" is centered above the antenna. At the bottom, there is a statistic and a hashtag.

RENU

mesh+

Greening the Internet

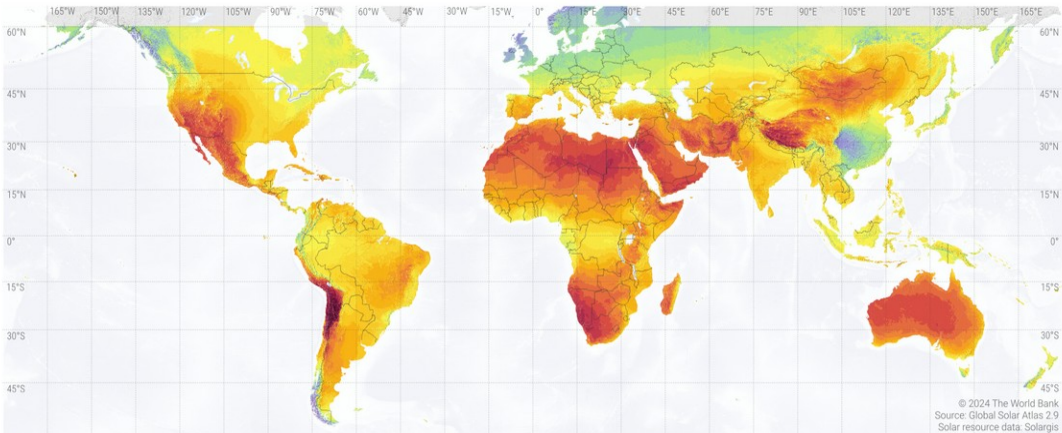
3.7% of global greenhouse emissions is from our gadgets and the Internet infrastructure.

#FirstRouters
MadeInUganda

Product – S618 Solar Powered Mesh Node



SOLAR RESOURCE MAP
PHOTOVOLTAIC POWER POTENTIAL



Long-term average of photovoltaic power potential (PVOUT)

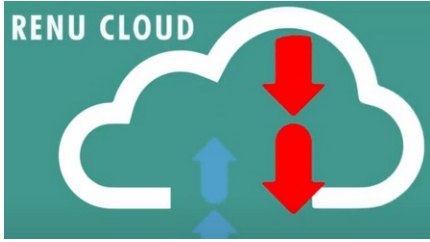
Daily totals:	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4
Yearly totals:	730	876	1022	1168	1314	1461	1607	1753	1899	2045	2191	2337

kWh/kWp

This map is published by the World Bank Group, funded by ESMAP, and prepared by Solargis. For more information and terms of use, please visit <http://globalsolaratlas.info>.



Services



Cybersecurity



Web Conferencing



Email Hosting

Software Development



Capacity Building



Zero-rated Mobile Access

IDENTITY FEDERATION FOR SERVICE PROVIDERS



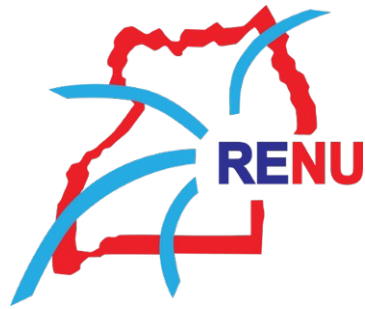
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Other Useful Resources:



Thank You!

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