

Kenya Education Network
Advanced Research Services

Guide to Access the Africa Science Gateway

1. Go to the KENET IDP Portal <https://idp.kenet.or.ke>



Home

The KENET Catch-All Identity Provider is a SAML standard-based service powered by Shibboleth and managed by KENET that allows people to use a single identity when they sign into web pages and Science Gateways that require user authentication.

This IdP is a member of Grid Identity Pool (GridP) federation and currently authenticates the users of several Service Providers

If your institute does not have an Identity Provider which forms part of a national or catch-all federation, you can register to the catch-all IdP

If you are interested in either using this IdP to authenticate users of your website(s), or registering it as an Identity Provider of your Identity Federation(s), please contact KENET at support@kenet.or.ke.

For more information, please see the ei4Africa project website.

The Identity Provider is run and maintained by Kenya Education Network

KENET IDENTITY PROVIDER
For the Kenya Higher Education Community

**The National Research &
Education Network
for Kenya**

 **el4africa.eu**
e-Infrastructures for Africa

2. Click register and make sure you fill all the required details

[Home](#)[Service Providers](#)[About](#)[Register](#)[Login](#)

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Register

Please note this IdP is used for authentication for real services (science gateways, web portals, etc). Therefore, in order to use the Catch-All Identity Federation, we need your real name, surname and email address, as well as phone number. These will be checked by a human being after your registration request has been sent.

Personal information

Given Name*:

Family Name*:

Title:

Address:

Phone:

Desired username*:

Password*:

Confirm password*:

Country*:

Organisation*:

Email Address*:

Additional Email Addresses: 

Validation



2. You will receive an email indicating that your details have been sent to KENET and you will be required to click on a link in the email for email verification.

3. The KENET Registration Authority Administrator will check the registration details and confirm the authenticity of the application. This shall include physical presentation at the KENET offices. (Additional information regarding the nature, level and field of study will be required at this stage.) Once the identity of the applicant is proved beyond reasonable doubt, the registration is approved at KENET. An email shall then be sent to the applicant confirming that the application has been approved. Meanwhile, the user details are saved at the KENET Authentication (LDAP) server.

- To login into the Africa Science Gateway go to <https://sgw.africa-grid.org> . Click on Sign In menu at the top right corner.



The screenshot shows the Africa Grid Science Gateway website. At the top right, there are logos for Kenya Education Network (kenet), a circular logo, and the European Union flag. The main header features a map of Africa and the text "Africa Grid Science Gateway" with "Register" and "Sign In" links. Below the header is a navigation bar with "Welcome" and "Applications" tabs. A prominent banner reads "EI4AFRICA IS A FP7 PROJECT FUNDED BY THE EUROPEAN COMMISSION" above a grid of green squares. The "el4africa.eu" logo and "e-Infrastructures for Africa" text are also visible. The main content area is divided into two columns: "Welcome" and "Contributors".

Welcome

The Africa Grid Science Gateway is a standard-based web 2.0 demonstrative platform to show the lighthouse applications identified by the [el4Africa project](#) and execute them on a worldwide (including Africa) e-Infrastructure.

The access to the Africa Science Gateway requires federated credentials issued by an Identity Provider. If the organisation you belong to has an Identity Provider, click on the "Sign In" link which appears in the top right corner of the page. Otherwise, you can get federated credentials registering to the ["open" Identity Provider](#) which belongs to the GridP "catch-all" federation. Once you have gotten your credentials, click on the "Register" link which appears in the top right corner of the page

In order to run an application, select it from the Applications menu above. New applications can also be proposed to be included in the Africa Grid Science Gateway. Interested people just need to fill in this [online survey](#) or to download this [document](#), fill it in and email it to info_AT_el4africa.eu.

Contributors

The Africa Grid Science Gateway has been conceived and developed in the context of



Projects, initiatives, organisations, and single individuals wanting to contribute to the development of the Africa Grid Science Gateway both with human and computing/storage resources, or are interested in developing a science gateway for their own community, are welcome to contact sgwadmin_AT_africa-grid.org.

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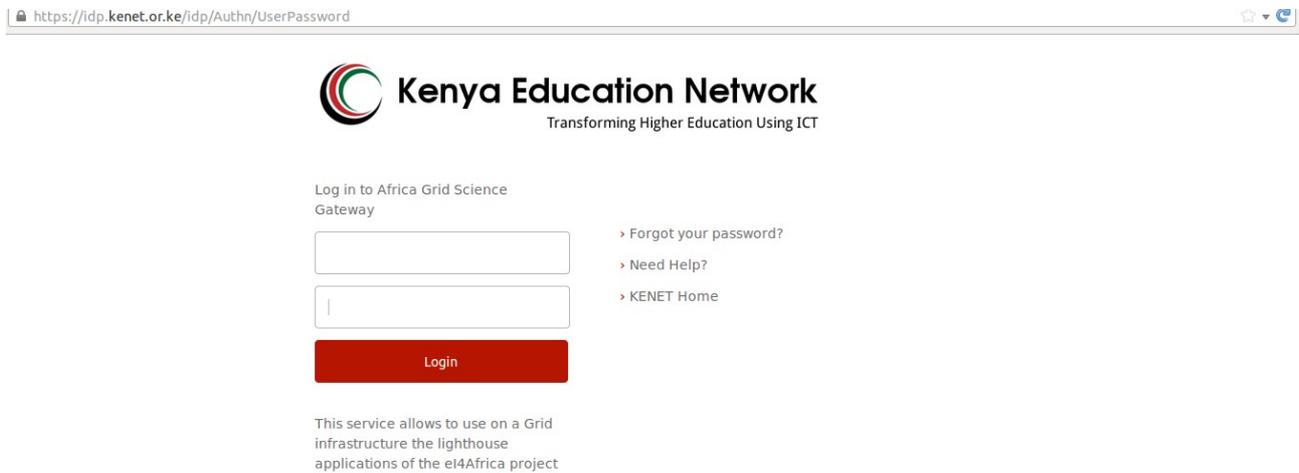
Powered by Liferay
Developed by Consorzio COMETA
This is a Service Provider of:



Like 7 people like this.

4. Select GRIDP then KENET Catch-All Identity Provider. The KENET idP login interface will come up as shown below. Enter the username and password used in registering for the KENET idP

https://idp.kenet.or.ke/idp/Authn/UserPassword



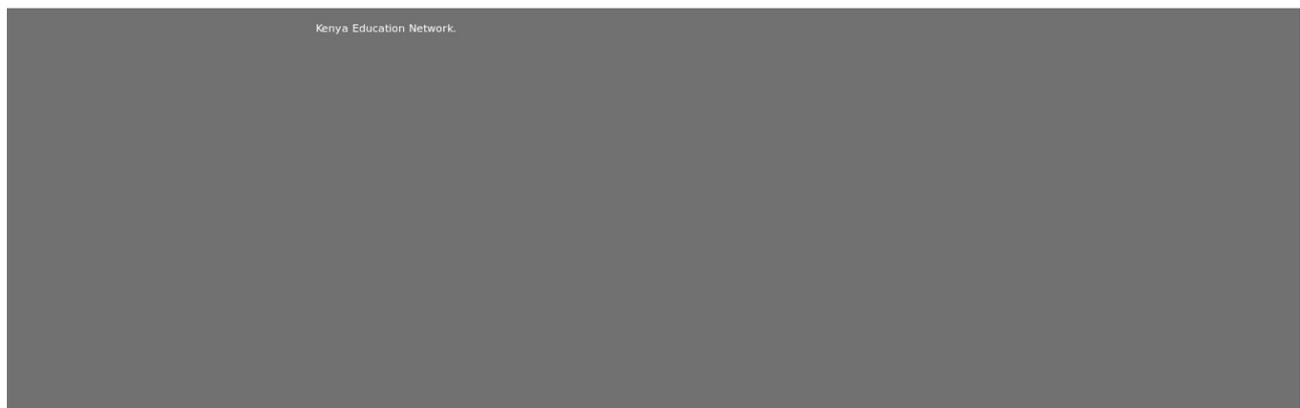
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Log in to Africa Grid Science Gateway

> Forgot your password?
> Need Help?
> KENET Home

Login

This service allows to use on a Grid infrastructure the lighthouse applications of the eI4Africa project



6. (This step happens only once) If this is the first time you are logging in you will be asked to confirm your details and also add any additional information not provided during registration. The GRID administrator gives authorisation to the GRID resources.

7. Congratulations, you are now at the Africa Science Gateway! Enjoy.



Africa Grid Science Gateway



Welcome Applications MyWorkSpace



Welcome

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(The Africa Science Gateway)