

African Open Science Platform

The view from the African Regional
Research and Education Networks
(AfREN)

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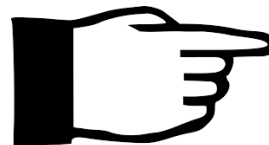
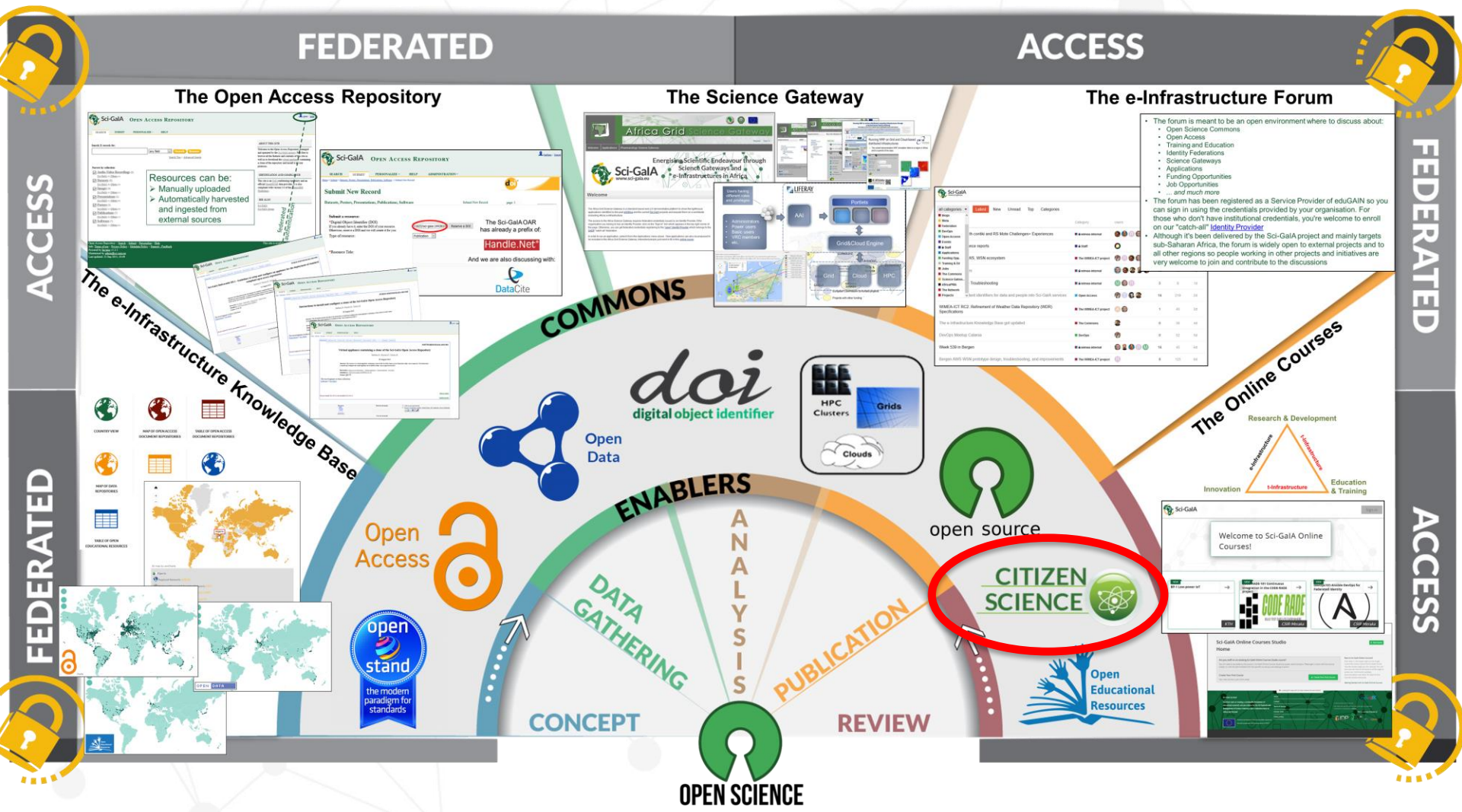
Outline

- The Sci-GaIA Project
- The LIBSENSE Initiative
- The AfricaConnect3 project
 - Cloud-based e-Infrastructure for African Open Science

The Sci-GaIA Project

- Sci-GaIA - Energising Scientific Endeavour through Science Gateways and e-Infrastructures in Africa
- H2020 Project - 2015 - 2017
- Legacy
 - Open Science Platform based on the concept of standards-based federated commons
 - e-Research Hackfest model based on challenge-driven education and co-design innovation
 - Champions - e-Infrastructure application developers
 - 24 Communities of Practice, 7 new Science Gateways, over 30 new services and 5 new Open Access Data Repositories

The Sci-GaIA Federated Platform for an Open Science Commons in Africa



www.sci-gaia.eu/osp/



The LIBSENSE Initiative

- LIBSENSE is building communities of practice and strengthening local and national services to support open science and research in Africa.
- Linking research and education networks (RENs) and academic library communities to define a shared agenda, manage the cultural change and develop relevant services together.
- <https://spaces.wacren.net/display/LIBSENSE>

AfricaConnect3

- 3rd iteration of the AfricaConnect project – a project of the Africa-EU partnership
- 4-year project; starts in December 2019
- Total estimated cost: EUR 37.5 Million
- Total amount of EU budget contribution EUR 30 Million
- Thematic Area: Investing in People – education, science, technology, skills
- Inverted priorities – more end-user/R&E communities and NREN strengthening focus
- Includes cloud-based e-Infrastructure for African Open Science

AfricaConnect Cloud-based e-Infrastructure - Tasks

- Requirement gathering and design of a FAIR-compliant AfricaConnect Open Science Cloud (AOSC?)
- Setup and operate a FAIR-compliant AOSC
- Create a catalogue of the services provided by the AOSC
- Setup and operate a Linked Open Data infrastructure for the AOSC
- Design and deploy on-demand training infrastructure for the AOSC
- Organise and run e-Research Hackfests
- Define a model and architecture for the establishment of “liquid labs”

Thank You