

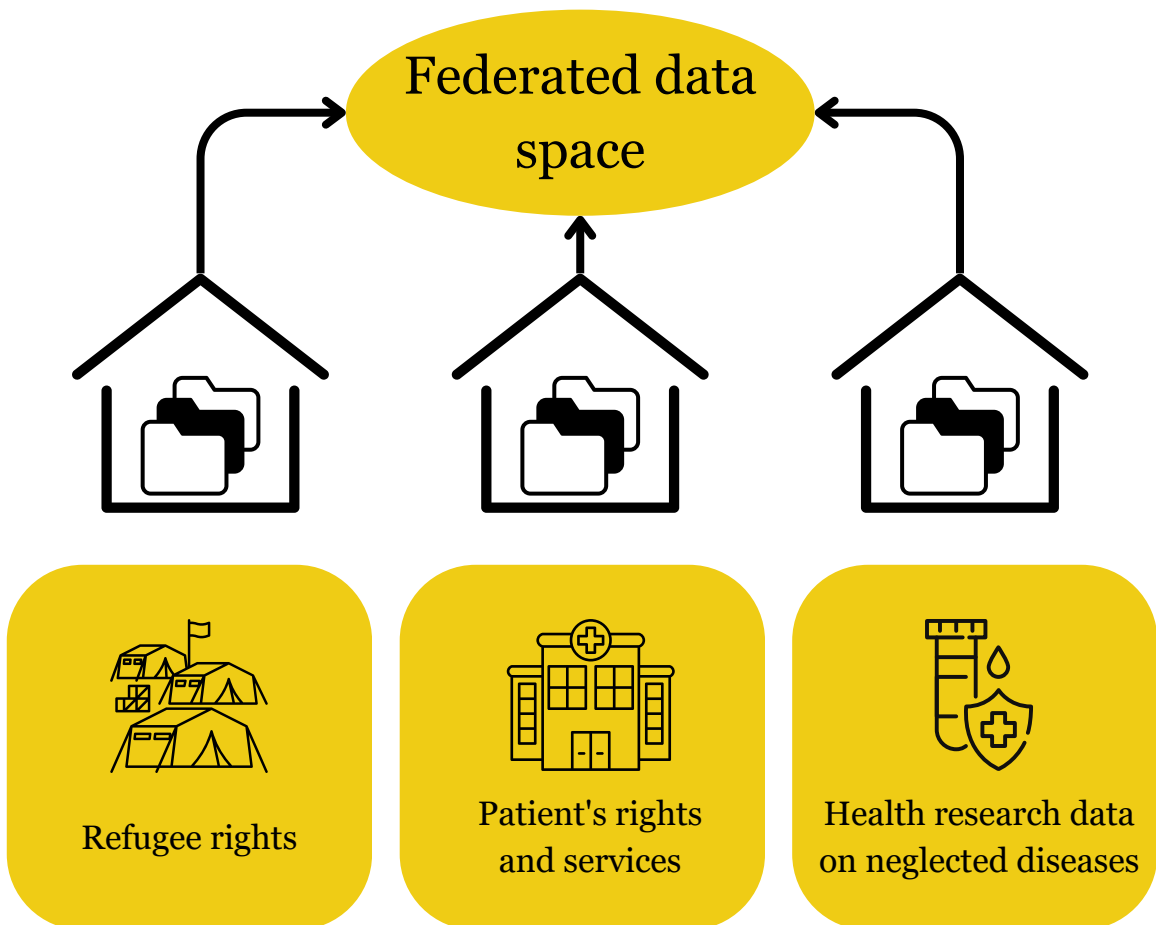
# VODAN-EEPA Group

*Supporting neglected communities to have voice, digital presence and rights*

**Objective:** Data Equity and Ethical Inclusive AI and Voice

**Goal:** Creation of an African (Health) Data Space

## Federated data held in residence



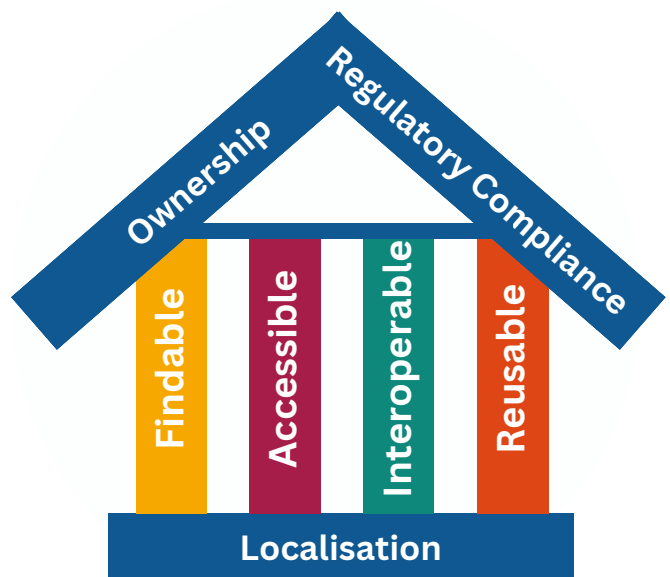
## Principles

### Data is

- **Findable** for Machines and Humans
- **Accessible** under well-defined Conditions
- **Interoperable** with other federated containers
- **Re-usable** depending on permission and ethical considerations

### and

- **Ownership** of data federation in residence is promoted
- **Localisation** promoting data visiting federated architectures
- **Regulatory Compliance** within locale where data is produced



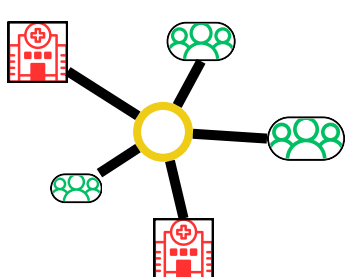
## About VODAN-EEPA

VODAN originates from the objective to create an ethical data architecture for epidemiological early-warning and provide better patient care in health facilities.

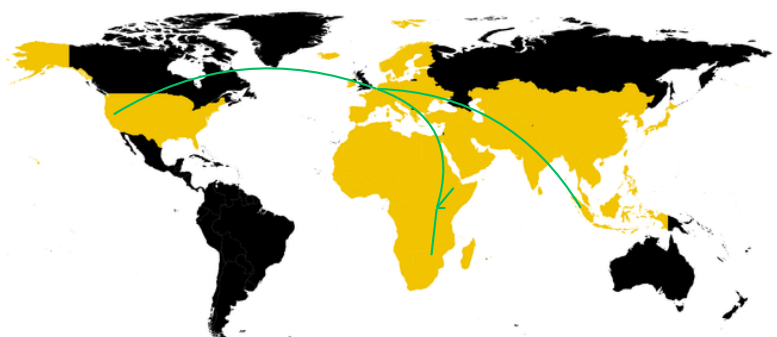
VODAN has developed a FAIR-OLR data production space, with services to  
 (i) provide FAIR-OLR de novo FAIRification  
 (ii) expose the data under FAIR-OLR principles and  
 (iii) model and provide learnings on the data in the Africa Health Data Space

EEPA originates from the European partnership with Africa and the Global South to ensure communities without voice find representation in advocacy for their human rights, including digital rights for neglected communities, refugees and migrants

## The VODAN-EEPA Network



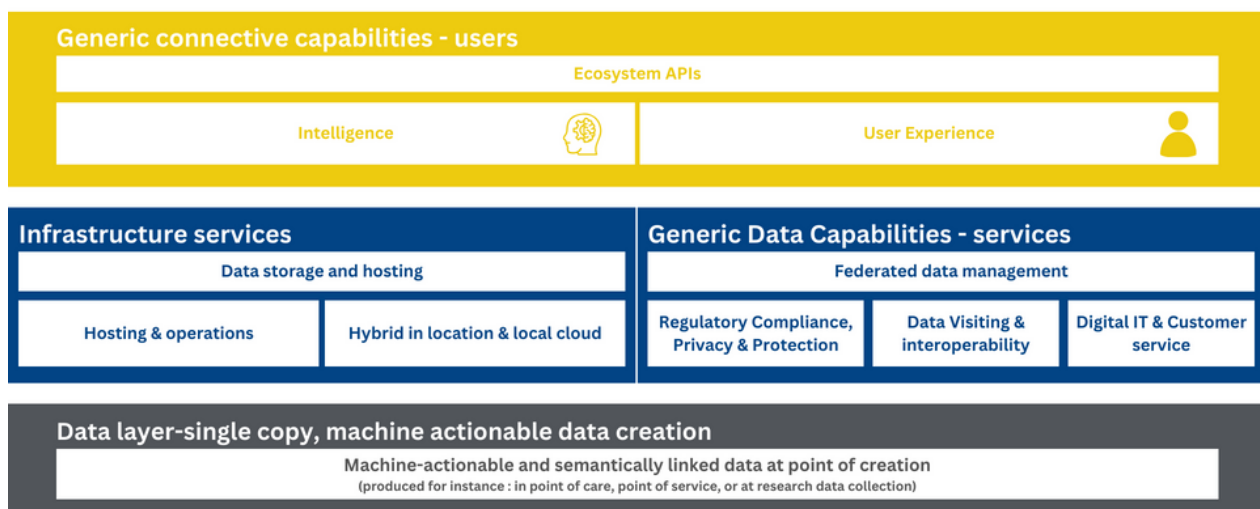
**88** health facilities  
**11** Universities  
**9** countries in Africa



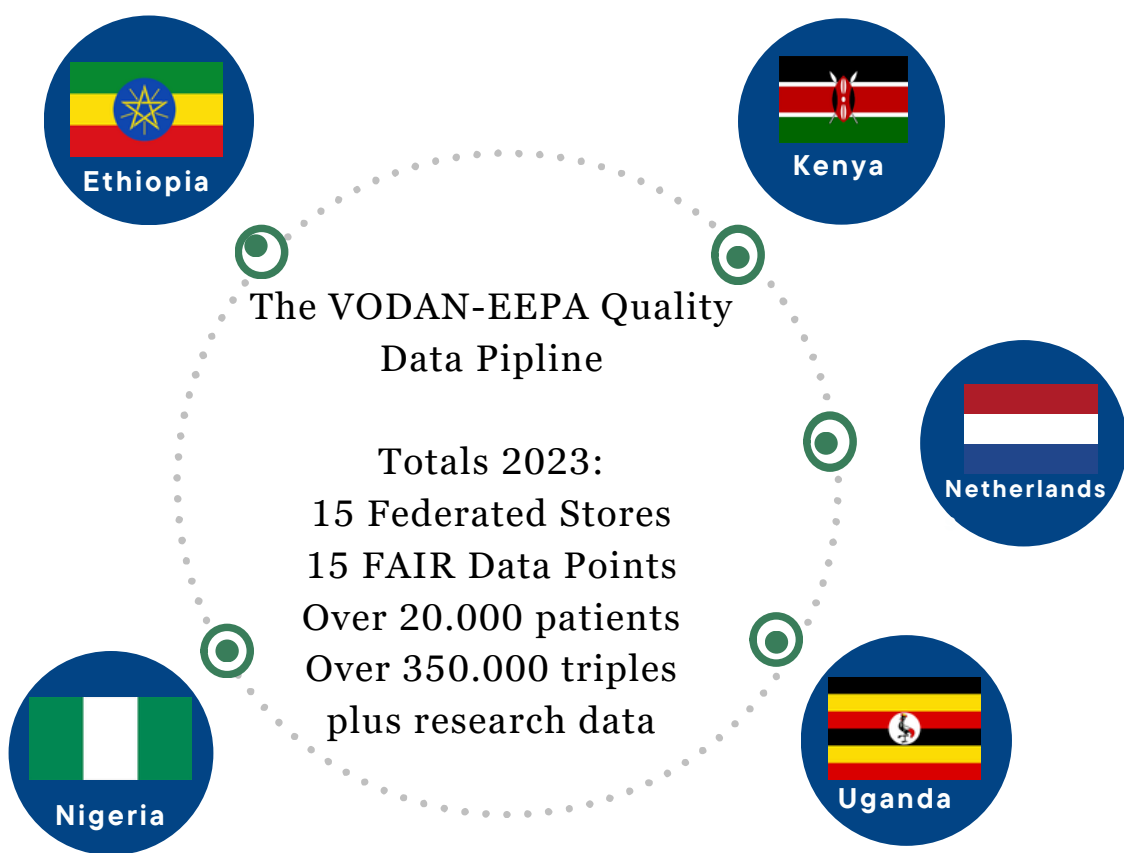
**A bottom up, granular network in the capillaries of society**



# Federated Data Space – a proposed landscape



## A three-layered data-space with federated FAIR-OLR data



## From federated ethical one-time data production to ethical inclusive and equitable AI

- Use-cases:**
- Decision-making regarding Neonates ICU priorities
  - Patient information pods to connect care for patients with brain damage
  - Early-warning on infectious diseases
  - Interoperable monitoring of cardiovascular diseases with patient data and wearables
  - Refugee risk factors



VODAN Africa is Pioneering The African Health Data Sp... Share

# VODAN AFRICA

Watch on YouTube

**Contact:**  
 Rue Stévin 115, 1000 Brussels, Belgium  
 admin@eeпа.be  
 info@vodan-africa.eu