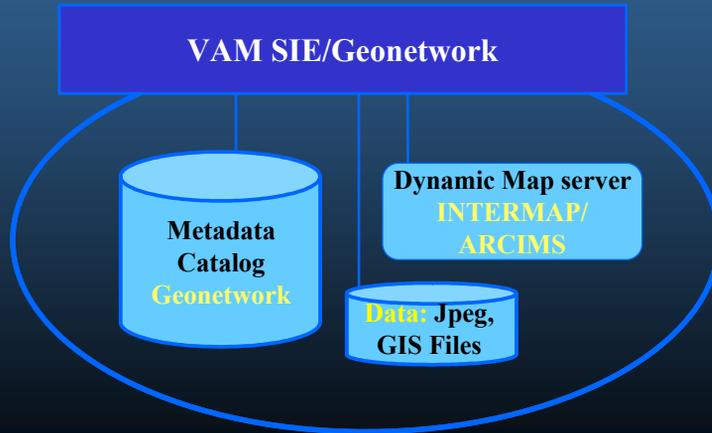




## VAM Spatial Information Environment

### VAM-SIE

It is a **Internet Map Service** developed by FAO/WFP with **three main modules** focusing the needs of the GIS community:



## VAM Spatial Information Environment Rationale

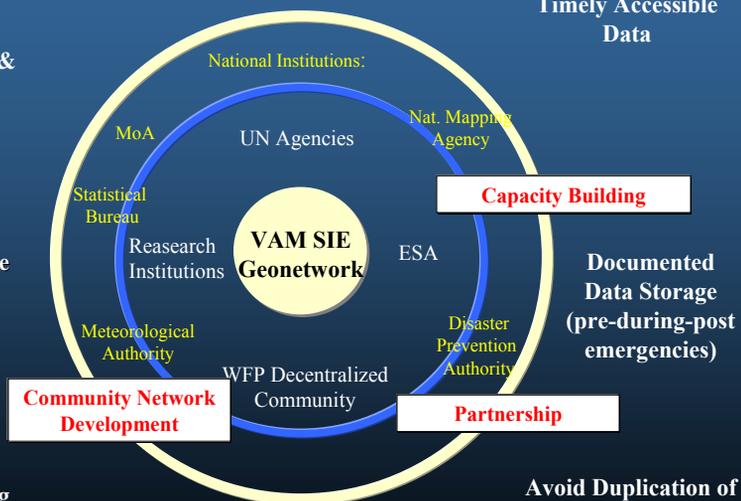
Standards /Metadata  
Approach ISO19115

Timely Accessible  
Data

Data Awareness &  
Availability

Effective/Selective  
Data Sharing &  
Dissemination

Web Mapping  
Consultation



Documented  
Data Storage  
(pre-during-post  
emergencies)

Avoid Duplication of  
activities

## VAM-SIE Decentralized Structure

**Decentralized Ownership and Responsibilities on data maintenance and upload**

VAM SIE ODP  
Planned October 2004

VAM SIE C  
Http://213.154.77.15

**VAM SIE Ethiopia**

- Installation July 2004
- Serving Ethiopia
- GIS Capacity: 2 pp /Country
- Internet bandwidth: Vsat
- N. pp trained: 16 of WFP, FAO, Unicef, ILRI, DPPC, EMA, EC, Fews, NMA.
- Data Development
- Security
- N. D
- Follow Up

**VAM SIE ODK**

- Installation November 2003
- Serving 12 countries
- GIS Capacity: 2 pp / Bureaux
- Internet bandwidth: 256 Kbs
- N. pp trained: 2 of WFP Bureaux
- Data Type: WFP Activities, Early Warning, Base Maps
- N. Datasets: 104
- Follow Up: Training to CO December 2004

VAM SIE ODB  
Planned October 2004

**\*\*Towards a Sustainable Portal\*\***

**VAM SIE Costs & Minimum Requirements**

Local Staff GIS Capacity

- GIS - Open Source Software
- Internet bandwidth min 256 kbps
- Server & Backup Unit
- ICT support
- Installation & training (10 days) supported by VAM HQ

**Total Cost: 70.000 \$**

**in numbers**

me, Cairo, Kampala, g, Dakar (RBs)

& Sudan CO

- 30 Staff trained (12 WFP-26 Non WFP)
- 711 Available Datasets

## VAM Spatial Information Environment Lesson Learned-Way Forward

### Advantages of the Mapping Task Force Approach

- Integrated efforts & responsibilities on the system maintenance and sustainability
- Metadata-Standards as essential perspective on data management (web-non web)
- VAM SIE as platform for Sharing Data & learned experiences/methodologies
- Exposure to Other Institutions/Projects
- Identification of needs: Training, Hardware, Software, common problematic

### Way Forward

- Complete all the planned VAM SIE Installations
- Increasing Geographical Perspective on data acquisition at field level
- Identify unique Geodata / Institutions create Partnership.
- Understanding the Information flow at country level
- Training on Remote Sensing - Advanced GIS: Spatial Analysis & Food Security Monitoring Systems
- Consolidate the VAM SIE Geonetwork Network

**Thank You!**



**WFP VAM**

Paola.DeSalvo@wfp.org