

GEONETCast

Delivering Environmental Data to Users Worldwide

Gordon Bridge, EUMETSAT

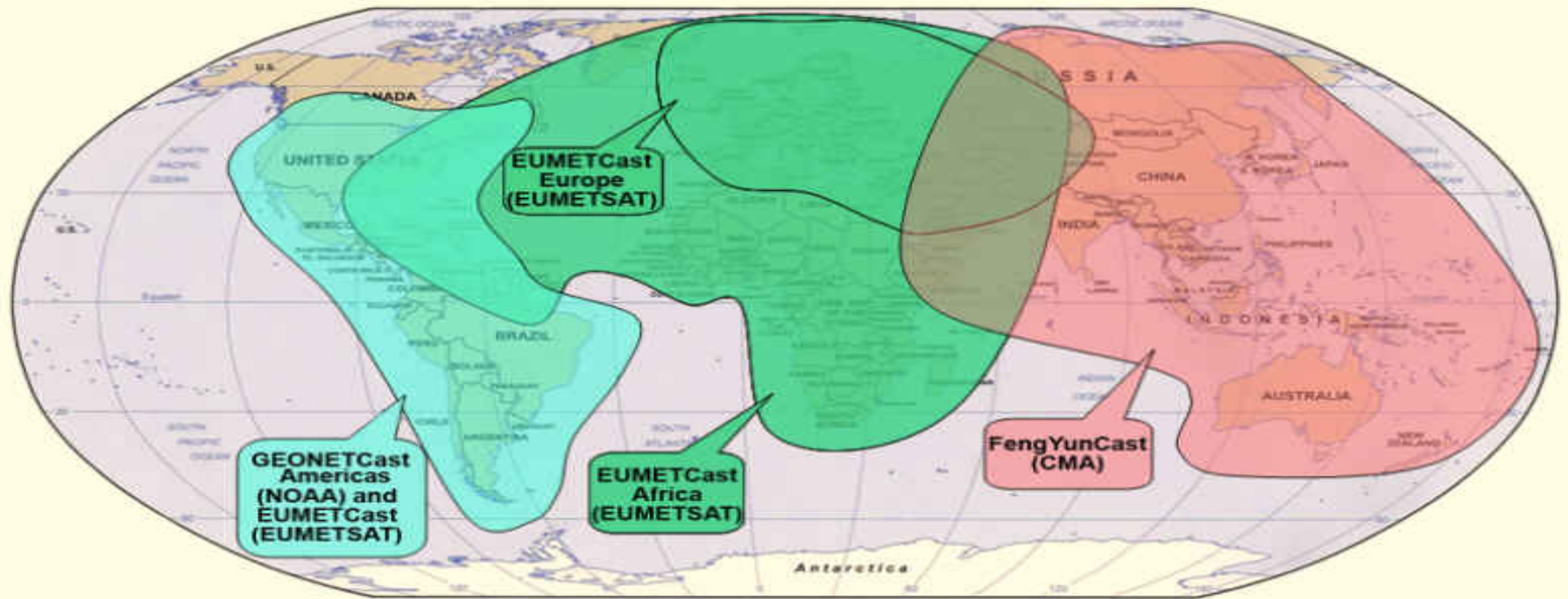


Status of Work

- Global Coverage
 - NOAA's GEONETCast Americas acceptance is nearly finalised;
 - EUMETCast – FENGYUNCast data exchange is operational;
 - Dissemination of exchanged data started this year;
 - Inclusion of Russia's MITRA system to be initiated at the technical level.

Status of Work

Global GEONETCast Coverage



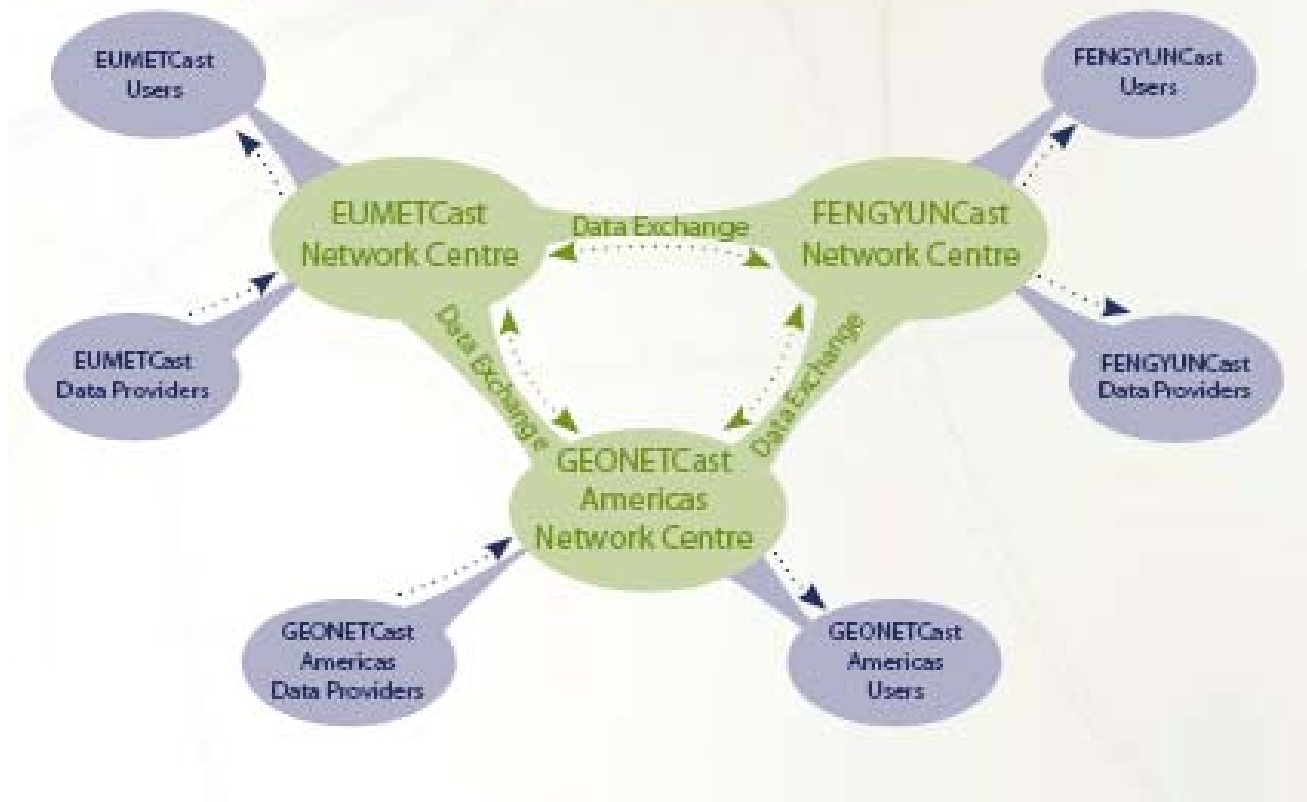


Status of Work (cont)

- Initial Operational Capability
 - Fully demonstrated at GEO IV in Cape Town;
 - Implementation follows a Global Design Concept and an Implementation Plan;
 - Effort is now focussed on moving from demonstration to operations;
 - GEONETCast Network Centre Service & Functional Specification being prepared.

GEONETCast Overview

GEONETCast System Overview





Status of Work (cont)

- User & Data Provider Engagement
 - Each region working directly with its users and data providers;
 - Coordinating with WMO - IGDDS and WIS;
 - Working with providers such as SERVIR, USEPA, RANET, JCOMM/GOOS, ECMWF, INPE, AMESD, CBERS;
 - A number of EU projects in the approval process include use of GEONETCast – DevCoCast, AIDA, AEGOS.



GEONETCast Coordination

- Coordination with ADC activities
 - Registered as GEOSS Component
 - Registered as Data Access GEOSS Service
 - Participating in GEO Standards and Interoperability Forum
- GEONETCastAmericas.noaa.gov
 - Web portal for GEONETCast Americas
- GEONETCast Product Navigator
 - <http://www.eumetsat.int/products>
 - Or on your GEONETCast station



Highlights

- GEONETCast is emerging as a key asset in making environmental data widely available to Users;
- The scope of data available on GEONETCast is being broadened significantly;
- In 2008, it is planned to present GEONETCast at:
 - African User Forum (Ghana)
 - African Association for Remote Sensing of the Environment (Ghana)
 - GEO Plenary



GEONETCast and Training

- End-User Training on the application of products for a specific use and the dissemination of training data via GEONETCast
- General dissemination of training material focussed on use of environmental data
- Usage of GEONETCast to receive training material to be used by local trainers
- Linking GEONETCast products and product navigator (inside portal) with specific training material.



GEONETCast

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***The Training Channel –
an implementation proposal***



Training Delivery (1)

- The Training Channel is planned to be supported by each GNC operator (CMA, EUMETSAT, NOAA);
- It will involve a specific setup of the dissemination systems and data exchange links;
- It could even evolve to support the continuous distribution of a Training Library.



Training Delivery (2)

- For self-learning, training material could be openly available to the GEONETCast User community;
- For targeted course delivery, the training material would be delivered to the target audience prior to course delivery;
- Training material would be received on a GEONETCast station, then accessed via LAN or USB disks or memory sticks, for example.



Training “Channel” Potential Contents

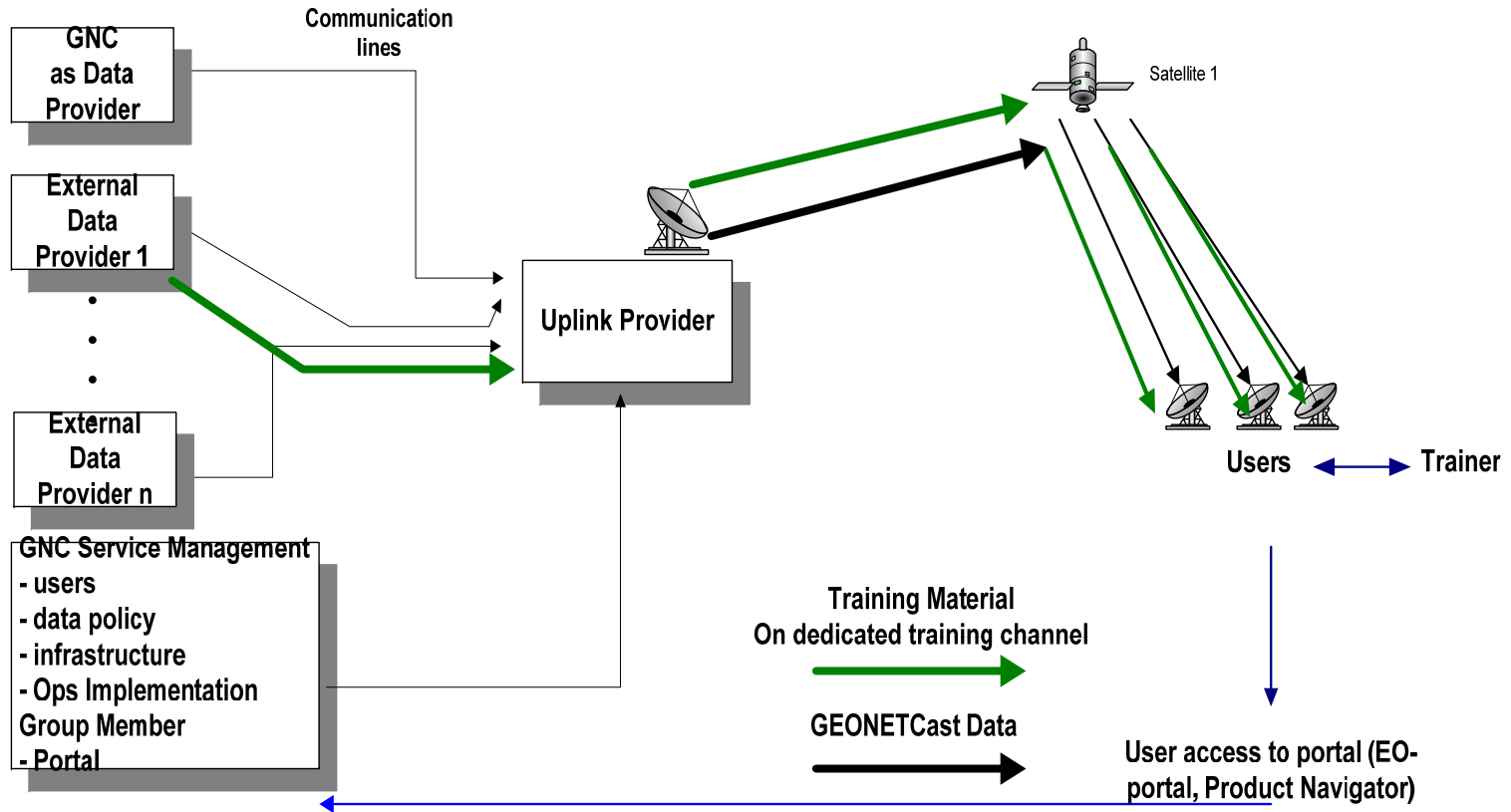
- EUMETSAT has identified an initial set of training material from:
 - COMET
 - EUMETrain
 - EUMETCaI
 - WMO Virtual Lab
 - EUMETSAT VisitView courses



Training “Channel” demo

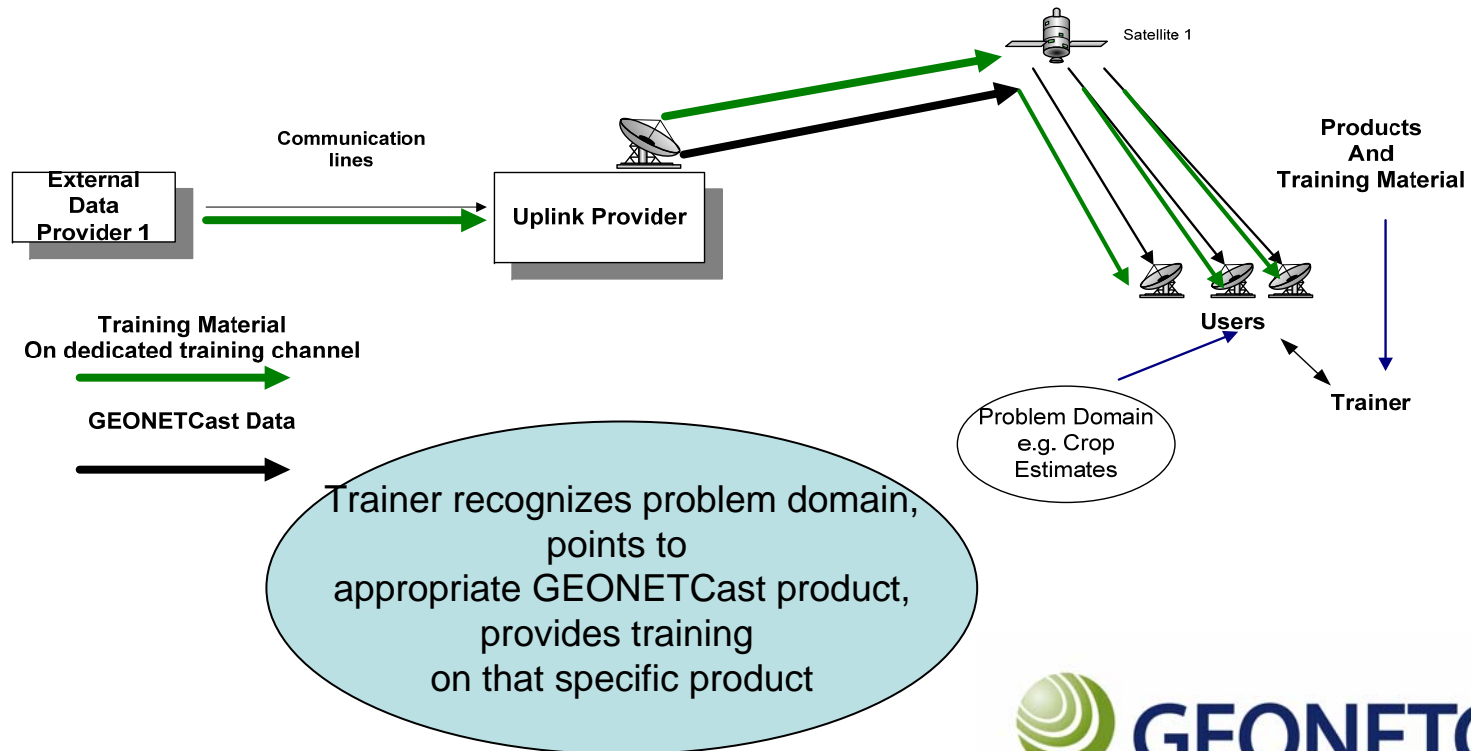
- A demo of the Training Channel is proposed for Users in Africa in October/November 2008;
- EUMETCast will be used;
- Demo will be organised around the following events:
 - EUMETSAT African User Forum in Ghana (self-learning resources); early October 2008
 - AARSE in Ghana (self-learning resources);
 - Regional Meteorological Training Course in Niger (targeted training). November 2008

GEONETCast and Training cont.



GEONETCast and Training cont.

- End-User Training on the application of products towards a specific use and the dissemination of such data via GEONETCast



GEONETCast and Training cont.

- Linking GEONETCast products and product navigator (inside portal) with specific training material

The screenshot shows the EUMETSAT Data and Products Navigator interface. The browser title is "EUMETSAT Data and Products Navigator - Microsoft Internet Explorer". The address bar shows "http://www.eumetsat.int/products/indexeer.html". The page features a search bar and several filter menus. A dropdown menu for "Societal Benefit" is open, showing categories like Agriculture [24], Biodiversity [14], Climate [92], and others. Two product listings are visible: "10-Var retrieval packages" and "Active Fire Monitoring (AFM)".

Annotations on the screenshot:

- A light blue oval labeled "GEONETCast Product" with an arrow pointing to the "Societal Benefit" dropdown menu.
- A light blue oval labeled "Product related training material" with an arrow pointing to the "Active Fire Monitoring (AFM)" product listing.



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THANK YOU



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