



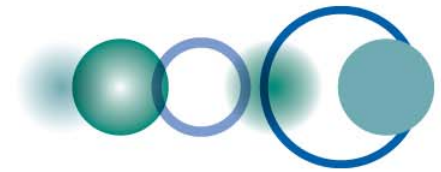
CB-09-03b Establishing Regional Capacity Building Networks

- Description and objective of subtask
 - Organize and reinforce int'l capacity building and training opportunity networks in EO sciences & Geo information provision, using GEOSS components i.e., the GEONETcast data dissemination system and the GEO Portal (internet), and distance & e-learning technologies
- Goals, outcomes, outputs
 - A global network of regional interconnected GEO CB partnerships
 - Reinforcing exchanges among national, regional and int'l science and CB initiatives in EO and Geo information sciences, incl. UN programs
 - Demonstration of EO solutions in the 9 Societal Benefit Areas of GEO through education & training initiatives



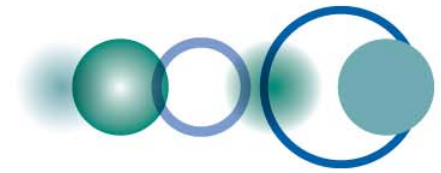
CB-09-03b Establishing Regional Capacity Building Networks

- Gaps, challenges, risks
 - Capacity building services delivery in EO have advanced relatively faster the last decades in developed countries, then in certain developing regions around the globe (e.g. a number of countries in Africa, Asia and Latin America). Inter-connecting regional capacity building efforts between frontrunner GEO partners and others, can lessen this gap and can have a significant social & economic benefit. Exchanges of information, persons will also be stimulated by this process.
- Current activities, schedule
 - Inventory, reinforcement and extension of regional CB initiatives and networks
 - Development of distance education courses using GEOSS components (ITC and joint education partners)
 - Demonstration of EO applicability through education & training, and awareness building

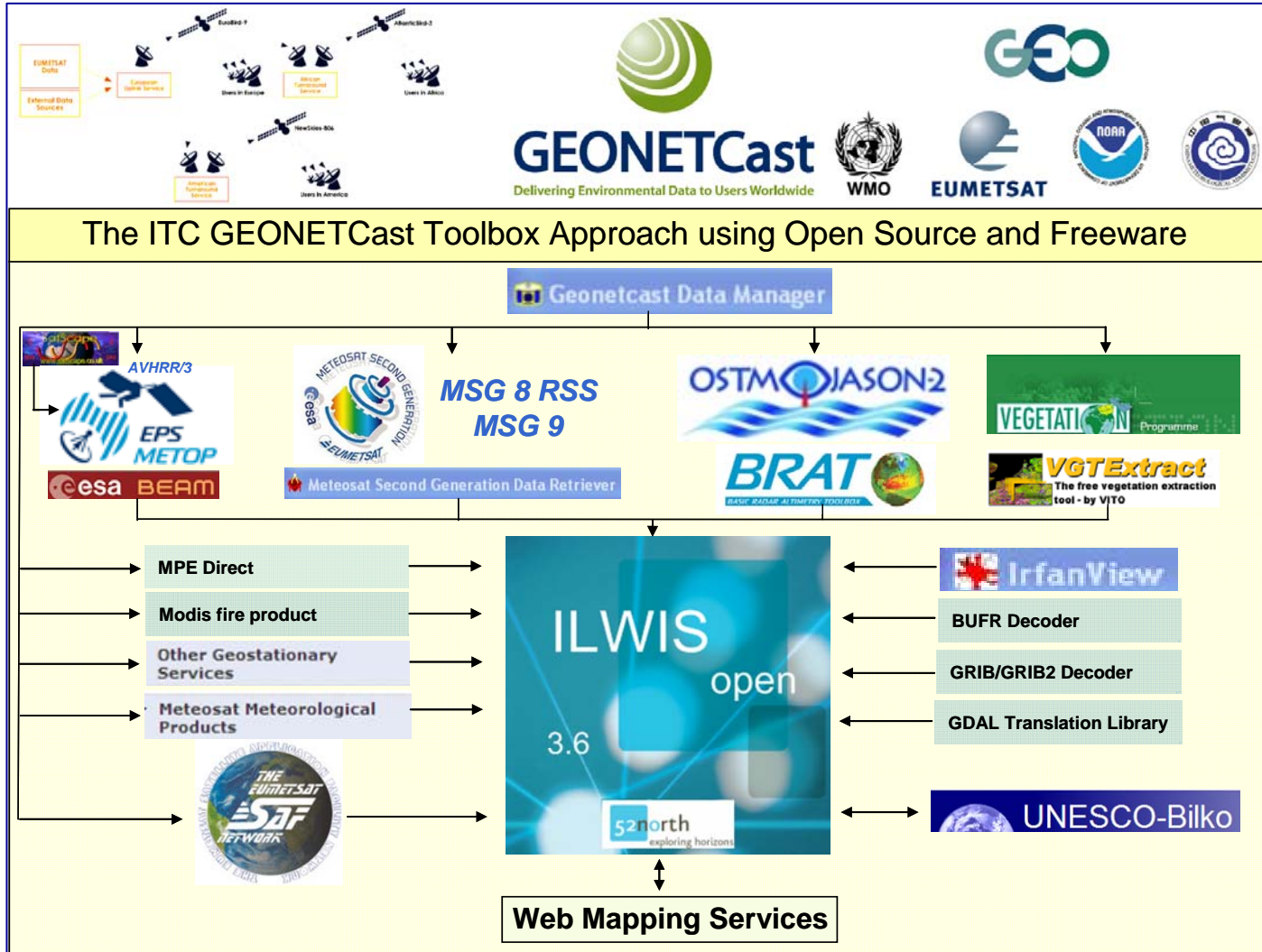
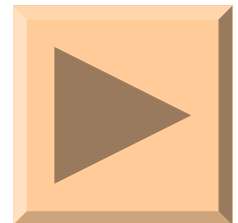
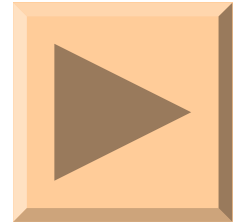


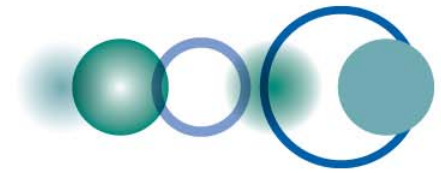
Progress – actions 2009

- Regional CB network building activities, initiatives using GEONETCast component of GCI
 - April, 27: RCMRD, Nairobi, Kenya: GEONETCast receiving station setup inauguration; short course using ITC GEONETCast Toolbox
 - June 06-27: ITC, Enschede: Regular training 3-wk module (MSc research phase level) on Water & Environmental Application development using GEONETCast datastreams & web-based dissemination tools (web mapping services): 25 students/15 countries
 - July 06-11: UCT, Cape Town, SA: IEEE/ IGARSS09 2 Short courses on GEONETCast (incl. setup receiving station at UCT)
 - October 08-21: CGIS, NUR, Butare, Rwanda: 2-weeks ITC refresher course on GEONETCast
 - Oct, 22-24: 2-day Geonetcast for WRM SC at University of Makerere, Kampala, Uganda: AfricaGIS2009
 - Oct, 23-25: 2.5-day GEOSS User workshop XXX, AfricaGIS2009, Kampala
 - Nov, 30 - Dec, 04: Lima, Peru workshop CB for WRM in the Americas (WA-06-07)



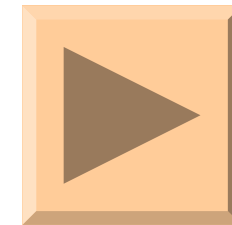
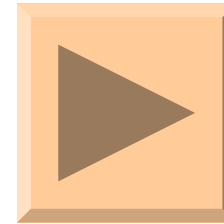
ITC GEONETCast Toolbox



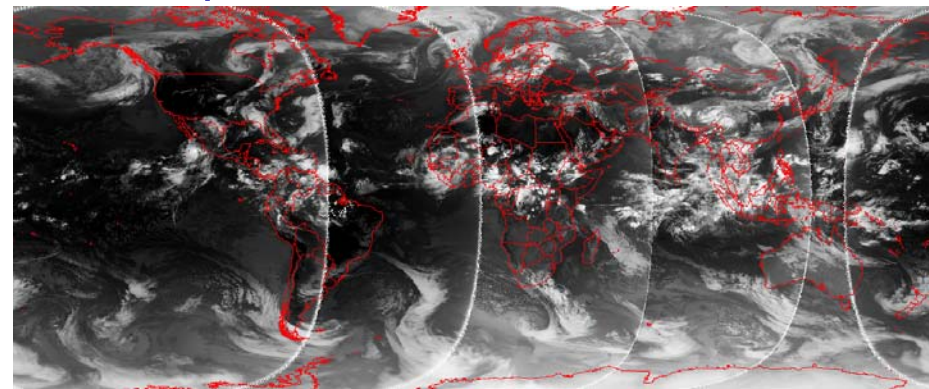


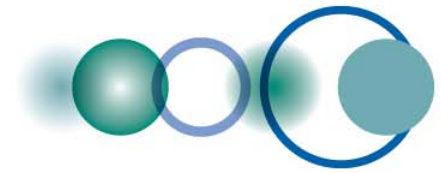
Regional CB Network building

- Start using e.g. GEOSS Geonetcast component users in existing projects:
 - DEVCOCast (Africa, South America)
 - Land and marine components
 - AMESD Training component
 - Other regions, users
- Using ESA-DSS system users through
 - TIGER-2 Capacity Building Facility (Africa focus)
- Extend to global coverage in Americas, Europe, Central Asia, SE Asia..



*Geonetcast TIR global
composite:
Fengyun-2C, GOES_W
GOES_E, MSG/MET-9,
MET-7*

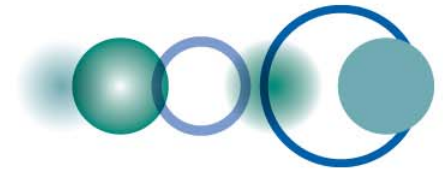




Current actions underway

- GEO component – service Registry (ITC GEONETCast Toolbox) -> CB
- GEONETCast Toolbox User Community web portal (under construction at 52North.org)
- Open content dissemination via ITC Web-page, 52North.org a/o other channels (e.g. Eumetcast training channel)
- E-learning short course development
- Support CBERS-2 for Africa initiative in Geonetcast Toolbox

- Foreseen / to do list:
- Inventory linkages of regional CB networking efforts to all other CB elements in GEO SBA tasks



Planned actions

- Linkage of contents to GEO Web portals (test phase)
- Further operational linkage building & network extension with GEONETCast Americas (NOAA) & Asia (CMA)