

6TH GEO EUROPEAN PROJECTS' WORKSHOP



ROME, 7 & 8 MAY 2012

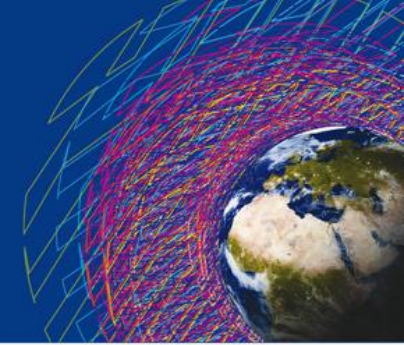
Other GEO Projects
Splinter session



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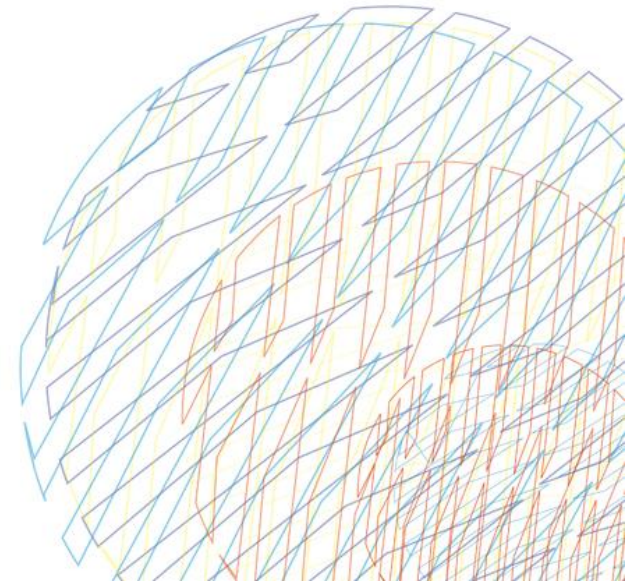


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EARTH OBSERVATIONS

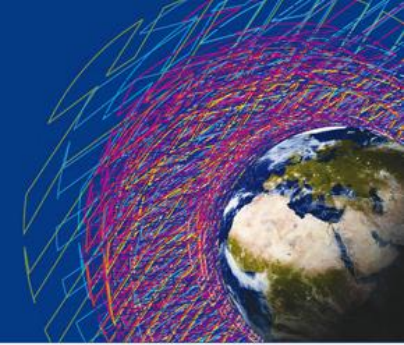
- **Energy (EnerGEO / ENDORSE)**
 - Modelling framework:
Potential (EO) ⇔ energy scenarios ⇔ integr. Assessments, impact
 - Preparation of Downstream services
Renewables (incl. Nowcasting solar),
more efficient energy use
(e.g. smart-grids, daylighting)
 - Challenge: siting / planning
of renewable energy sources



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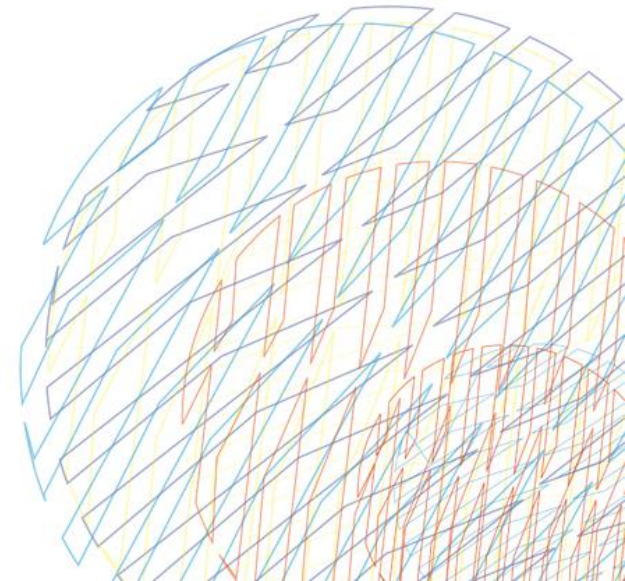


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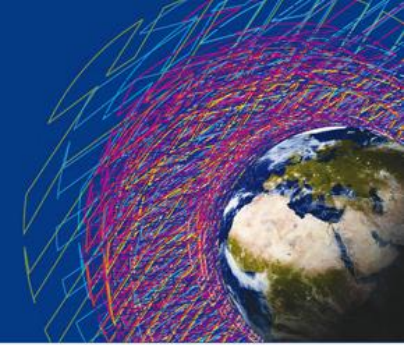
- **Citizen involvement** for smart cities (i-SCOPE)
 - EO/GIS and Urban Information Modelling
 - Open, free SW platform (smart phone, web 2.0)
 - Services, with involvement of cities
 - Personal mobility
 - Energy dispersion and potential
 - Noise mapping and simulation
 - Challenge:
make in situ more cost-effective?



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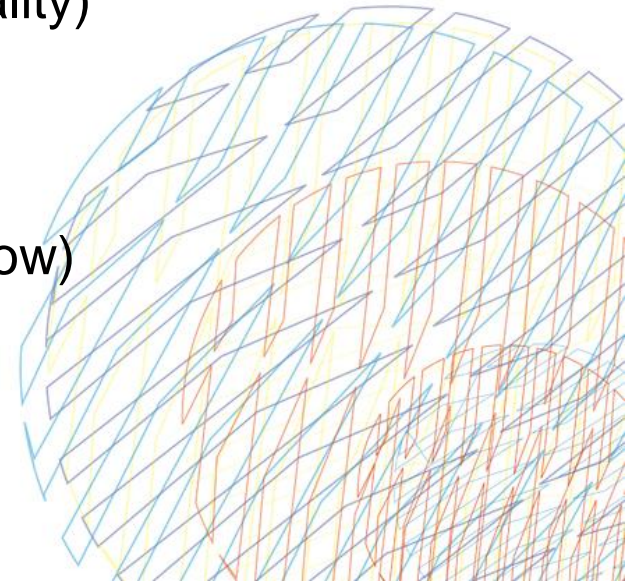


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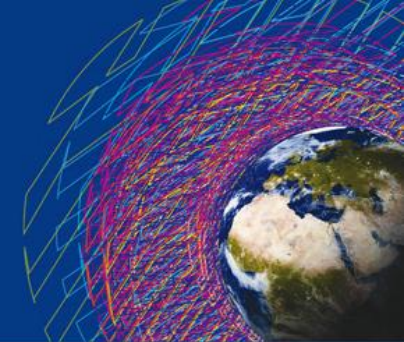
- **Agriculture & forests in Africa (AGRICAB, ISAC, e-AGRI, etc)**
 - Synergies between several projects
 - Common activities:
 - Data sharing (incl GEONETCast, quality)
 - CB: infrastructure
 - CB: training/support, free software
 - Putting the data to everyday use in integrated applications (local know-how)
 - Challenges:
 - GEO-GLAM (EU lead)
 - outreach/awareness raising



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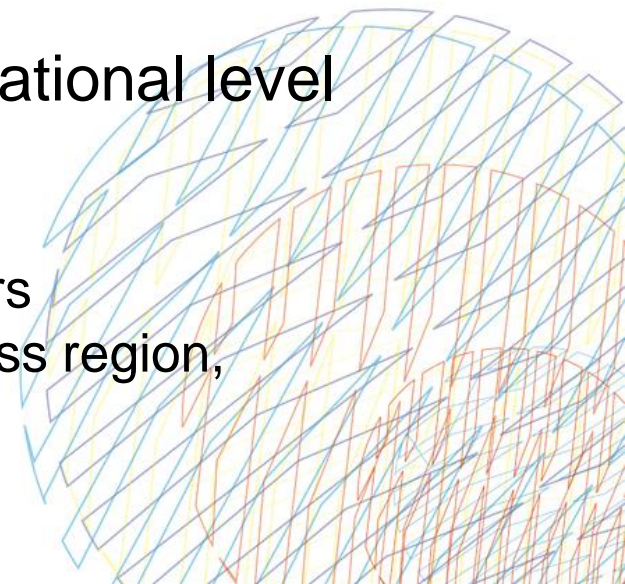


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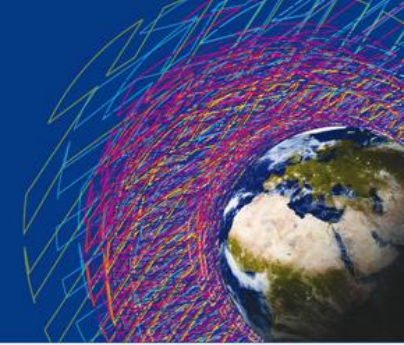
- **Balkan** (BalkanGEONet, OBSERVE)
 - Important assessment and gap analysis
 - Stakeholder database/survey, national reports, etc.
 - Short/Medium term actions
 - Best practices
 - Potential is there, in particular at national level
 - Challenges:
 - Outreach: e.g. to science networks
 - Awareness: for policy/decision makers
 - Synergies: Harmonization & CB across region, observation types and SBAs



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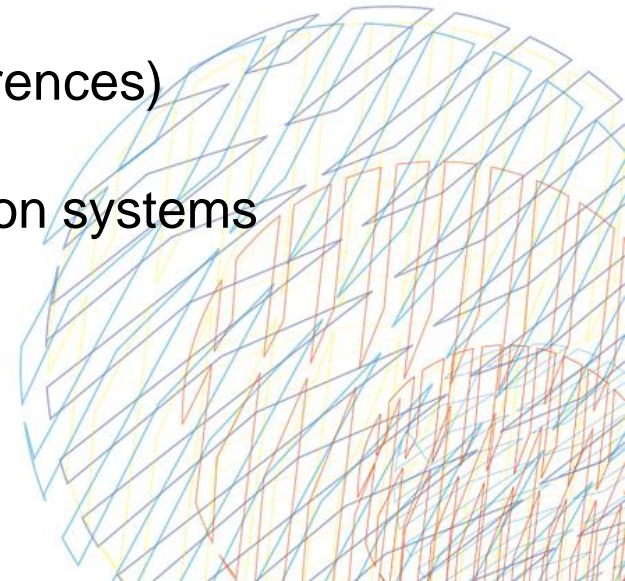


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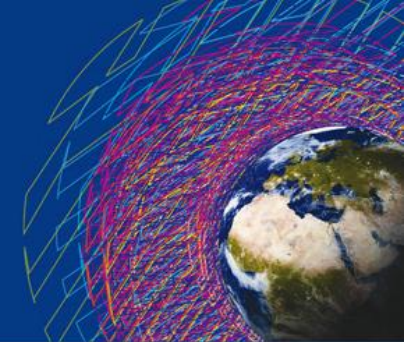
- **Central Asia (SEOCA)**
 - National
 - Assessments, roadmaps, GEO offices...
show EO capacities
 - Regional:
 - Capacity Building (workshops, conferences)
 - GEONETCast
 - Water/glacier observations, information systems
 - Challenge:
Continuity for initial water information
systems, regional synergies,
connection with Russia



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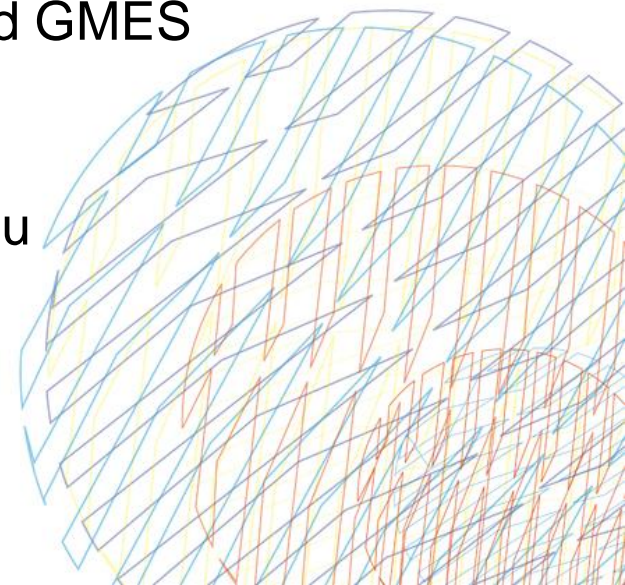


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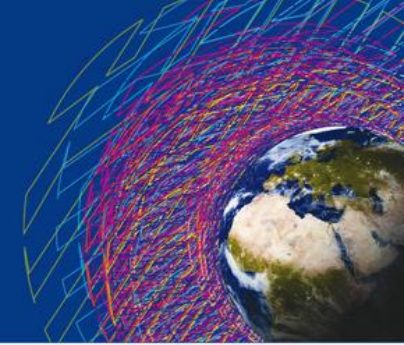
- **In Situ coordination (GISC)**
 - Assessment of in situ for use in GMES
 - Initial framework
 - Coordination agreements
 - Tools, methods to interface in situ and GMES
 - Challenge:
 - Operational access to in situ
 - Long term sustainable integration of in situ
in GMES



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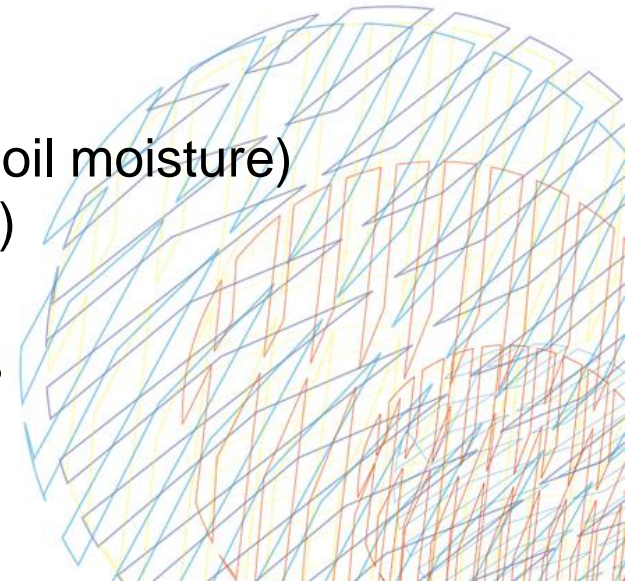


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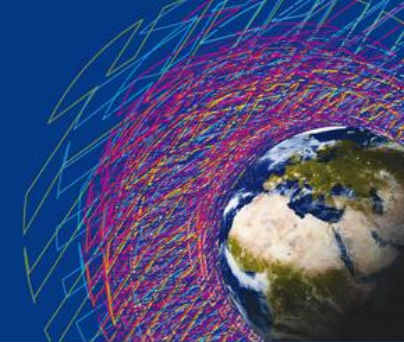
- **Satellite navigation (Gfg²)**
 - Assessment of GNSS value for GEOSS and GEE0
 - Roadmap
 - Networking and coordination
 - Scientific community
 - Position/timing
 - Surface characteristics (roughness, soil moisture)
 - Propagation effects (eg water vapour)
 - Challenge:
Integration with other soil moisture efforts
e.g. in GMES Land, SMOS, water cycle?



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Conclusions:

- Important progress, assessments, partnerships, CB
- GEO contributions & (co-)leads
- Significant potential that is being/to be explored further
 - Synergies & awareness –
EU, regional, national, local
 - In situ cost efficiency
 - Citizen involvement

