

geoland:2

Global Land Services in the frame of GIO and beyond 2014

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- **29 participants**
- **Global geoland2 views**
 - Candidate products, application examples
 - Concerns about the continuity of geoland2 activities
- **Short description of the Global Land GIO process by GMES Bureau**
- **ESA presentation of GMES space component**



- **Based on a large extent on geoland2 pre-operational chains**
 - Medium and low resolution, only
 - Dissemination mechanism still TbD
- **Potential key users**
 - Environment monitoring in Africa (AMESD, MESA)
 - Crop production (MARS, ...)
 - Drought observatory
 - Biodiversity
 - GMES Atmospheric Service (ECMWF)



- **Continuous quality and content monitoring of the products / service**
 - Continuity of the technical knowledge
 - Corrective adaptations of the operational service
 - Links to parallel supporting scientific activities
 - Possible link to CEOS (international standards)
- **External validation review mechanism (EUMETSAT SAF model)**



- **Responsiveness of products and services to users experience and expectations is needed**
 - Service should be flexible to fit the evolution of users needs, to the sensor evolution
 - Continuous development (e.g. the EUMETSAT SAF model) is needed to guaranty the long-term continuity of the service
- **Not that critical for the 2012-2013 GIO, but key for longer term activities**
- **Fixed budget framework:**
 - Operations = GIO + Follow-on
 - R&D = FP7-FP8
- **Integration of R&D into operation activities coordinated by the GMES Bureau**



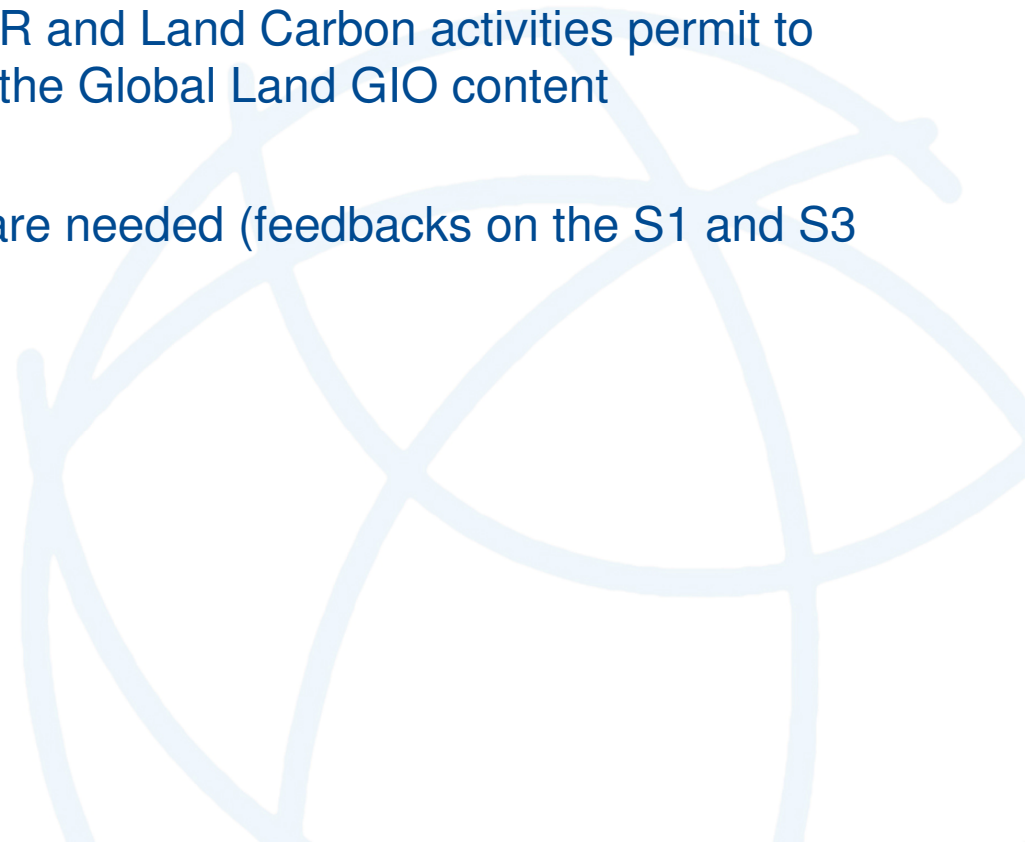
- **S1**
 - Very new capabilities: potential use by global land community has to be accounted for (soil moisture, vegetation biomass, land cover, tropical forest management)
- **S3**
 - Land requirements not sufficiently accounted for in the MRD
 - Concerns about S3 utility for land applications (!)





- **Conclusions**

- The achievements of BIOPAR and Land Carbon activities permit to progress on the definition of the Global Land GIO content
- More interactions with ESA are needed (feedbacks on the S1 and S3 requirements)





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**Thank you for your
attention!**