

**Upcoming opportunities
in FP 7 SPACE and GIO**

*NEREUS Workshop
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Dr. Thomas Geist



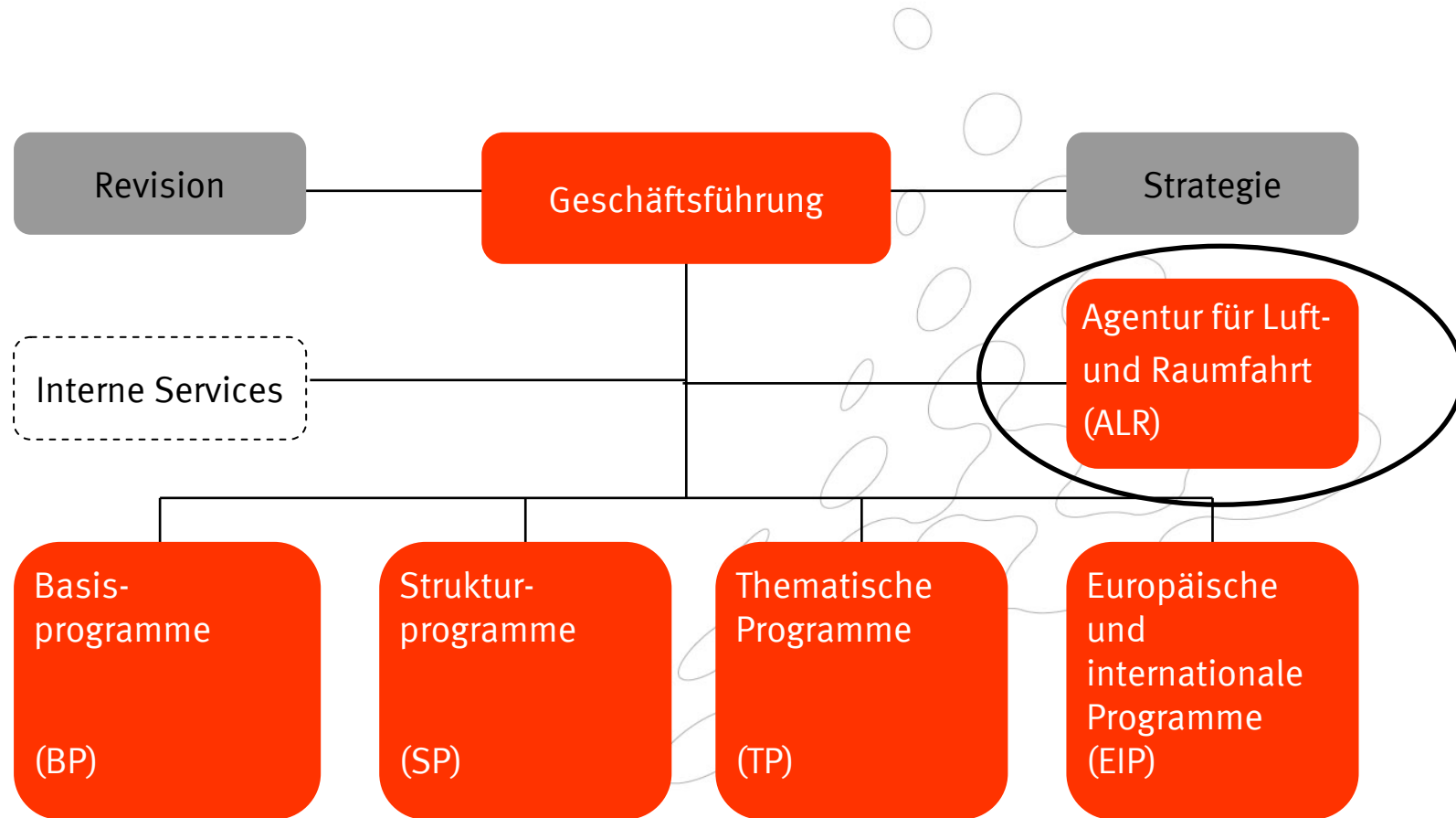
Outline



- GMES Initial Operations (GIO) – WP 2012 and WP 2013
- FP 7 SPACE – WP 2013, last call
- JPIs – Joint Programming Initiatives



Organisational Structure

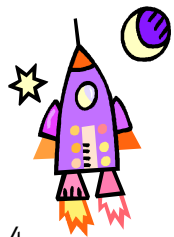
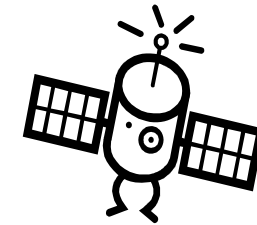


ALR – Aeronautics and Space Agency



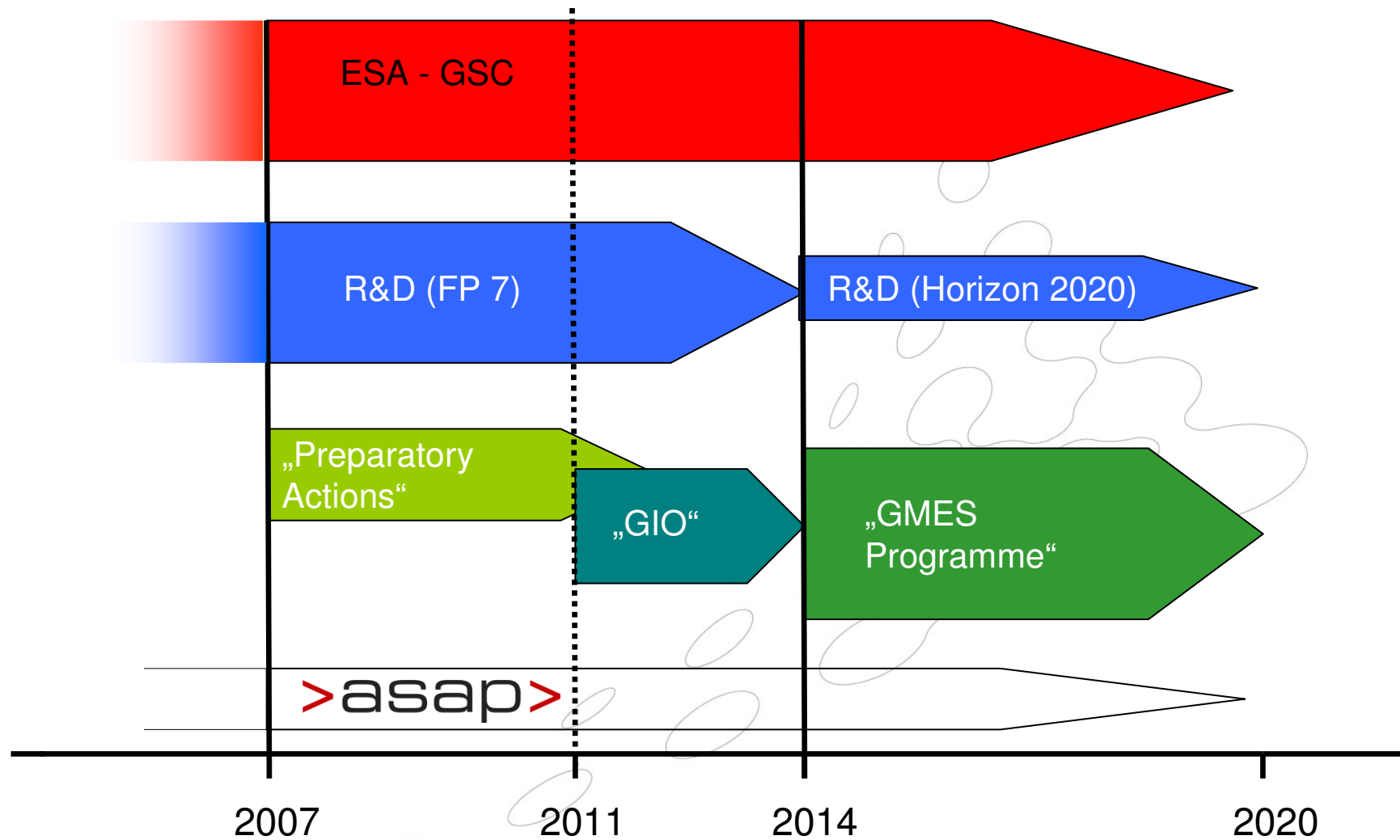
What we are doing...

- Implementation of the Austrian Space Policy
- Management of ESA activities
- Representation in relevant boards (ESA, EU, EUMETSAT,...)
- Management of the national R&D funding programme ASAP (Austrian Space Application Programme)
- Information and network activities (National contact point for GMES)
- Education and training activities



GMES – different budget lines

(size of arrows is NOT proportional to respective budget!)



„GIO“ - GMES Initial Operations



- The Regulation No 911/2010 on *the European Earth monitoring programme (GMES) and its initial operations (2011-2013)* entered into force at 9 November 2010.
- GIO constitutes a transition from GMES build up ... to the full exploitation of GMES.
- Total Budget: € 104 M + 3 M administration
- Implementation via annual work programmes
- Thematic split of budget:

<i>Space Component and Data Access</i>	~ 60%
<i>Land Monitoring Services</i>	~ 25%
<i>Emergency Management Services</i>	~ 10%
<i>Supporting Activities</i>	~ 5%

„GIO“ – Land Monitoring Services



- Content based „on priorities defined by the Land Monitoring Service IG and from the consultation of land user communities“.
- Activities:
 - Pan-EU land cover component* ~ 65%
 - Global component* ~ 15% (from 2012)
 - Local component* ~ 12% (from 2013)
 - Access to reference data* ~ 8% (from 2013)
- on EU Level coordinative tasks will be delegated to EEA and JRC
- **Calls for Pan-EU land cover component already issued earlier in 2011**

„GIO“ – Emergency Response Services



- Content based on consultations with stakeholders (*ERCs IG, Civil Protection and Humanitarian aid communities*) and on finished / running R&D projects
- Activities:

Support to response phase for crisis inside and outside EU („Rapid Mapping“) ~ 85%

Support to Early Warning Systems at European Level (EFAS) ~ 15%

- on EU level coordinative tasks will be delegated to DG ECHO/MIC and JRC
- **Calls already issued earlier in 2011**

„GIO“ – Supporting activities

- **Calls already issued earlier in 2011**

„GIO“ – Work Programme 2012



- The GIO Work Programme 2012 was approved in 10/2011
- Content:

Space component

Continuation of the framework contracts

Land monitoring services

Pan-EU land cover component

Emergency Response Services

Supporting activities

Land monitoring services – Global Land Component

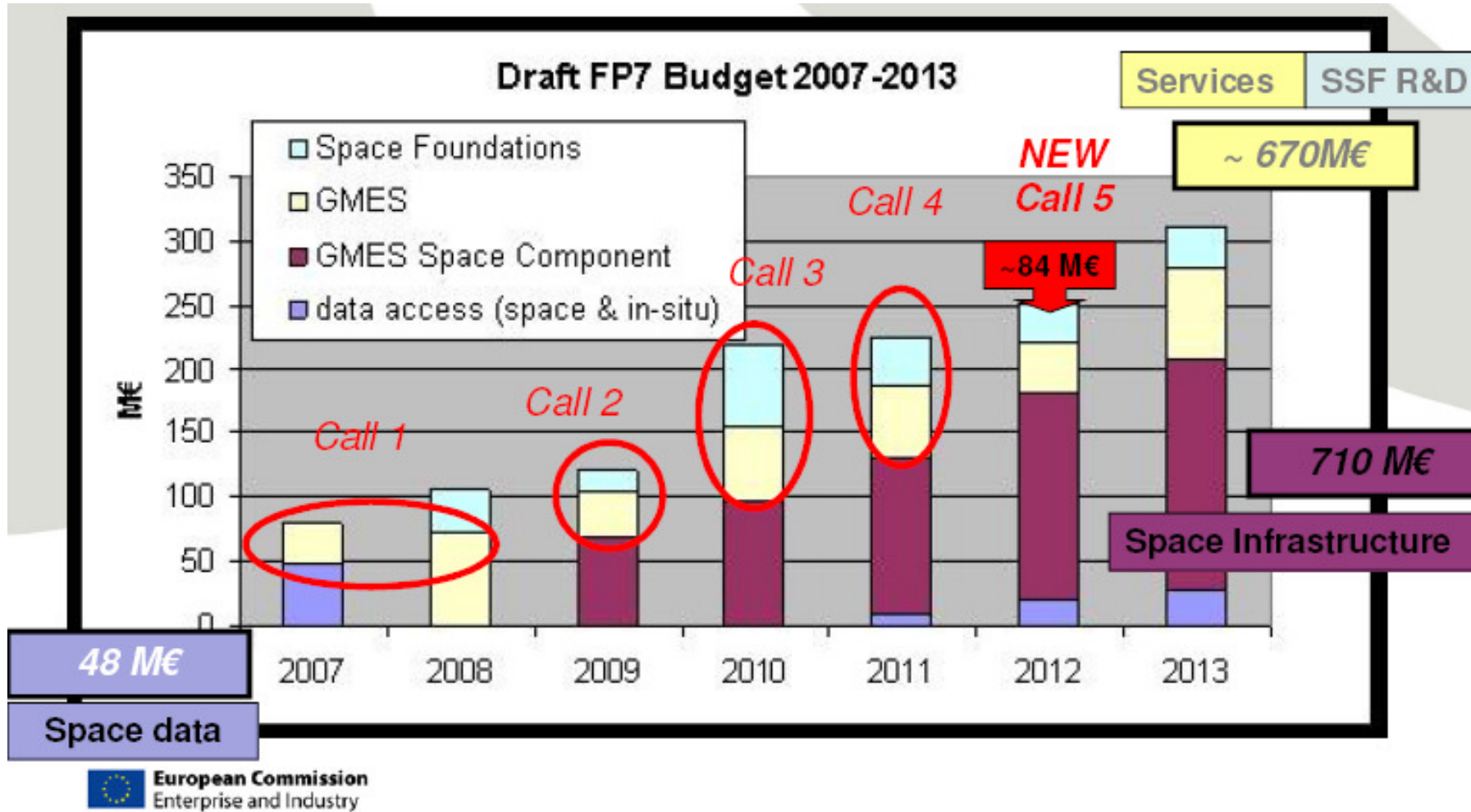
- Call to be expected in Q1/2012

„FP 7 SPACE“



- **FP 7 =** 7th EU Framework Programme for Research & Development (2007 – 2013)
- **SPACE =** thematical priority in the COOPERATION part of FP 7
 - 1400 MEURO total budget*
 - GMES (1200 MEURO) as priority action*
 - 4 calls implemented in 2007 - 2011*
 - 5. call currently open (closing date: 23 Nov 2011)*
 - last call in 2012*
- additional opportunity: FP 7 ENVIRONMENT (incl. Climate Change)

FP 7 SPACE – Budget allocation



Source: Peter Breger, EC, Infoday Vienna, 9 Sep 2011

FP 7 SPACE Work Programme 2013 and last Call



- PRELIMINARY - Thematic split of budget (~ 320 MEURO):

Space Component and Data Access ~ 55% (tbc)
- delegated to ESA -

GMES

~ 30% (tbc)

Space Foundations

~ 12% (tbc)

Cross-Cutting Activities

~ 3% (tbc)

FP 7 SPACE

Work Programme 2013 - Possible activities in GMES



- Objective: „to strengthen further GMES developments through R&D“.
- Activity areas under discussion:

Area 9.1.1 (Pre-)operational validation of GMES services and products

Preparatory activities for a GMES Climate Change Service

Stimulating development of downstream services

Stimulating development of remote sensing methods

Area 9.1.2 Integration of satellite communication and satellite navigation solutions with space-based observing systems

Integrated downstream service activities and applications

FP 7 SPACE

Work Programme 2013 - Possible activities in SSF

- Objective: *to widen the action areas covered in the last calls*
- Activity areas under discussion:

Area 9.2.1 Research to support space science and exploration

Space-based data exploitation, Earth-analogue research preparing for space exploration

Area 9.2.2 Research to support space transportation and key technologies

Critical space component technologies, Enabling space technologies, Propulsion

Area 9.2.3 Research into reducing the vulnerability of space assets

Space-weather events and security of space assets from in-orbit collisions

FP 7 SPACE

Possible way forward towards the last call



FFG

- 10/2011 *Discussion of first ideas for the Work Programme 2013 with the FP 7 SPACE Programme Committee*
- Q4/2011 Input of expert groups (e.g. SAG)
- Q1/2012 Discussion of the Work Programme content with the FP 7 SPACE PC
- Q2/2012 EC internal consultation
- 6/2012 Final discussion of the Work Programme and the Call preparation with the FP 7 SPACE PC
- 7/2012 Call opening

!all dates to be confirmed!

Joint Programming Initiatives (JPIs)



- Objective:
„to increase the value of relevant national and EU R&D funding by concerted and joined planning, implementation and evaluation of national research programmes“
- 10 thematical areas are identified, amongst it:
 - Urban Europe
 - Water Challenges
 - CLIMATE – Connecting Climate Knowledge for Europe
 - Food Security, Agriculture and Climate Change
- More information:
http://ec.europa.eu/research/era/areas/programming/joint_programming_en.htm

Contact Details:

Dr. Thomas Geist

FFG/ALR

Fon: +43 5 7755-3310

Mail: thomas.geist@ffg.at

