

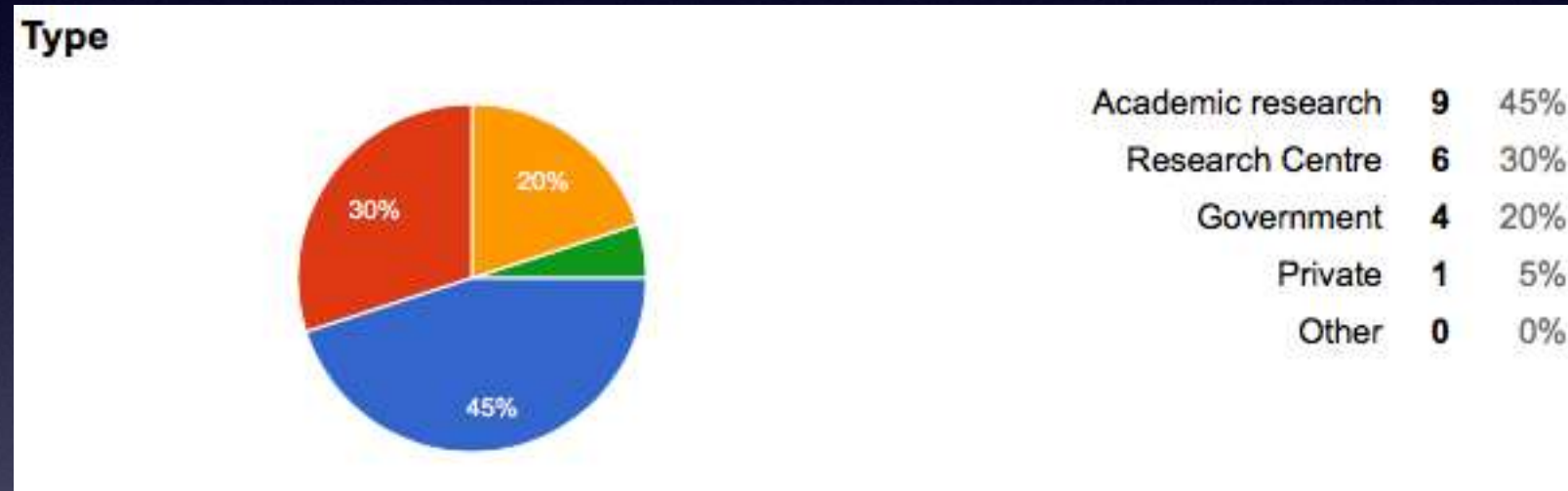
The Dark Side of Remote Sensing

Round table



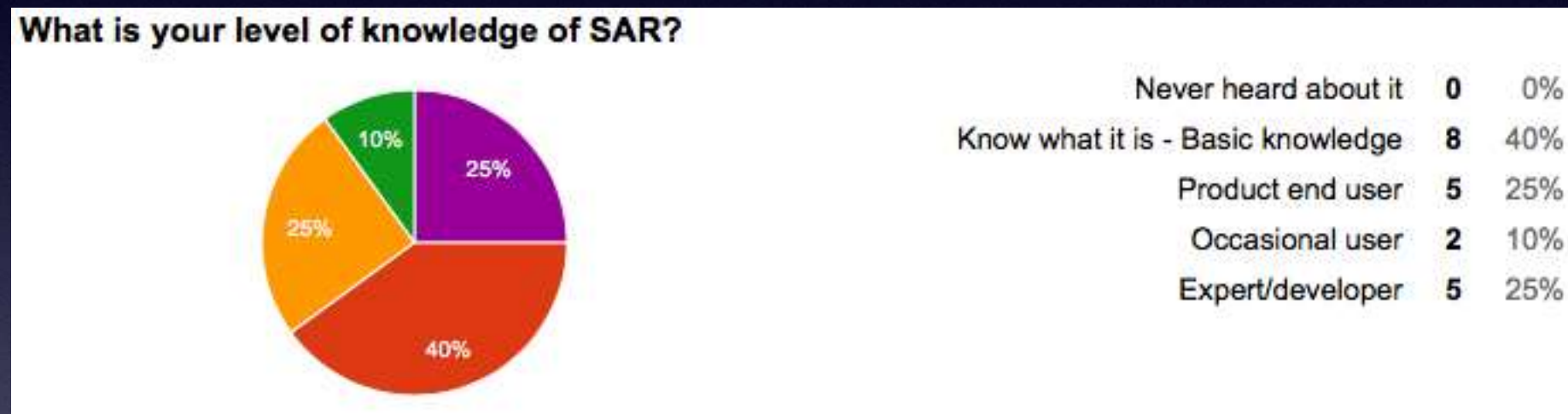
Survey

- About you:
 - ⇒ Your institution



SAR

- What is your level of knowledge of SAR

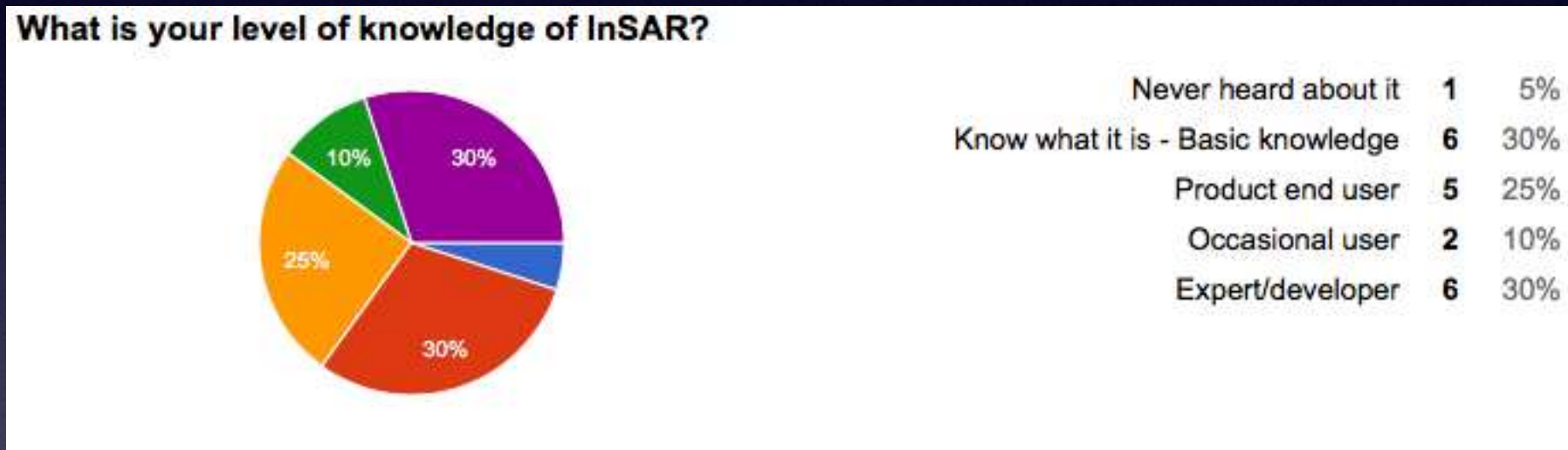


SAR Applications

- ⇒ Detection of grassland mowings
- ⇒ Sar focusing of satellites scenes in Antarctica. I use Gamma's Modula SAR Processor for that.
- ⇒ Geological mapping
- ⇒ Bi-static, flood, urban mapping, land cover classification, features extraction
- ⇒ insar, polsar
- ⇒ Glaciology
- ⇒ I would like to the use of SAR/InSAR in volcanology mapping.
- ⇒ Désertification (Niger, Maroc, Mauritanie) Littoraux (mer Morte Jordanie ,Roumanie et Vietnam)
- ⇒ permafrost change



InSAR



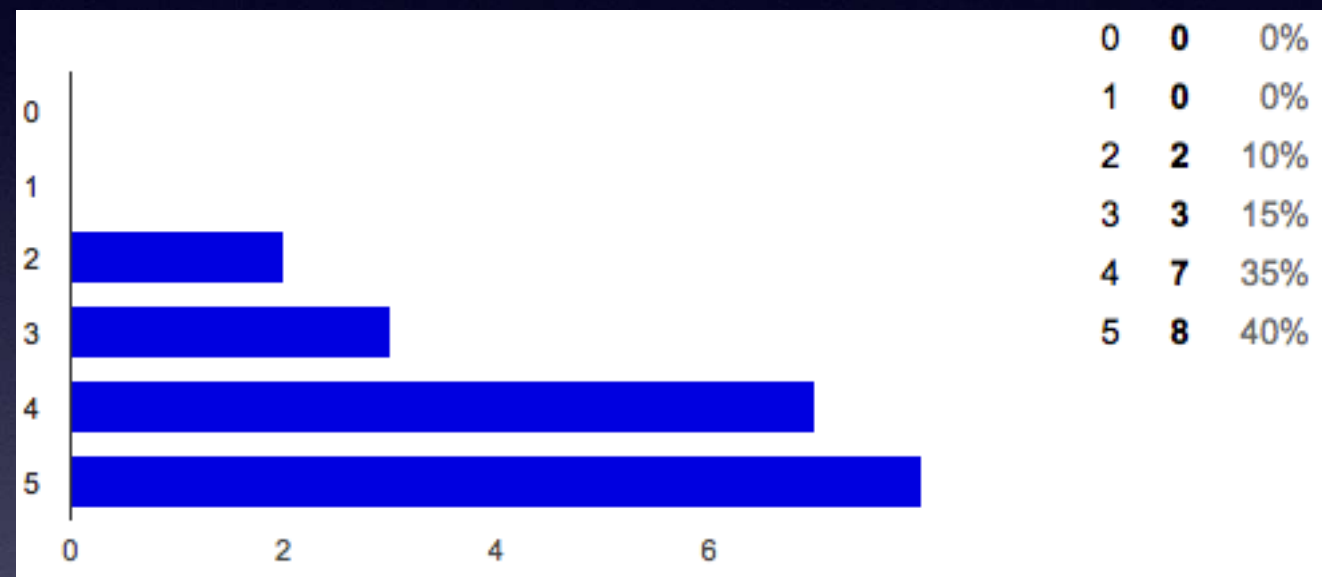
InSAR applications

- ⇒ Detection of grassland mowings
- ⇒ Differential Interferometry, Topographic Mapping, Motion Detection of ice flow in Antarctica.
- ⇒ Study and monitoring of ground deformation associated with volcanism in extensional setting
- ⇒ all land motion
- ⇒ Geology, Volcanology, Topography Applications in Central Africa for DEM computation and subsequent geomorphological analysis Volcanology, mass movements and tectonics for ground deformation detection/monitoring
- ⇒ Glaciology/motion mapping
- ⇒ I would like to the use of SAR/InSAR in volcanology mapping.
- ⇒ DInSAR, MSBAS, SBInSAR
- ⇒ Geological hazards, ground subsidence
- ⇒ Neotectonic
- ⇒ permafrost change



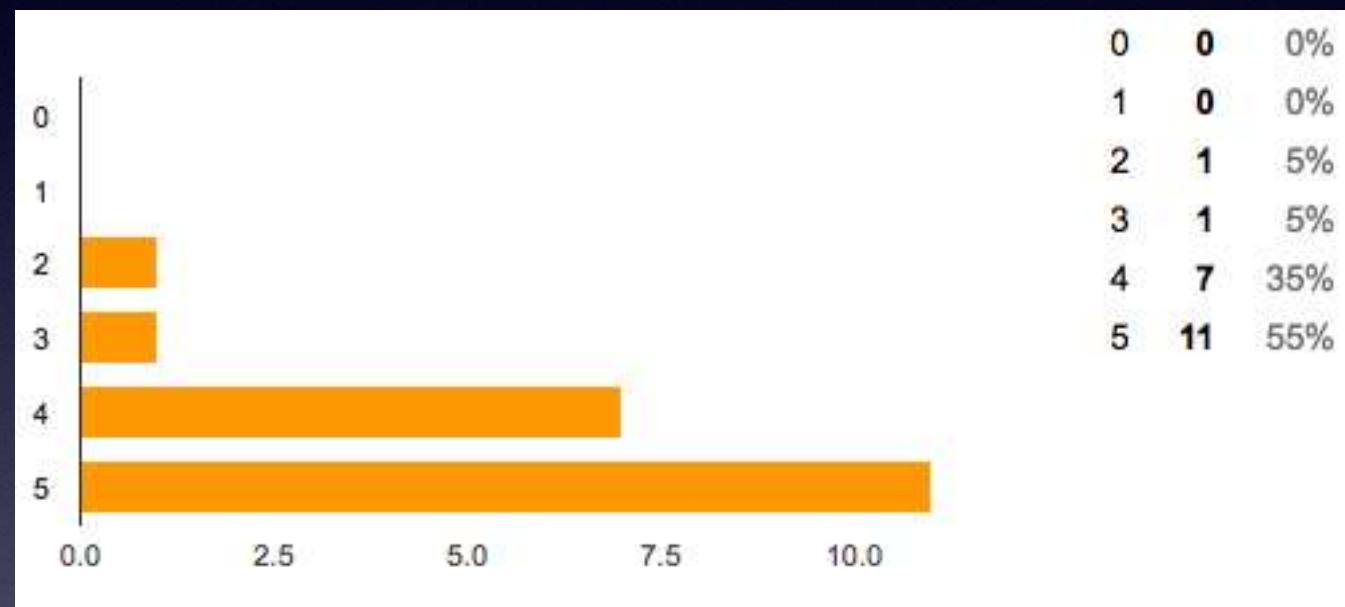
Expectations

- Organizing trainings



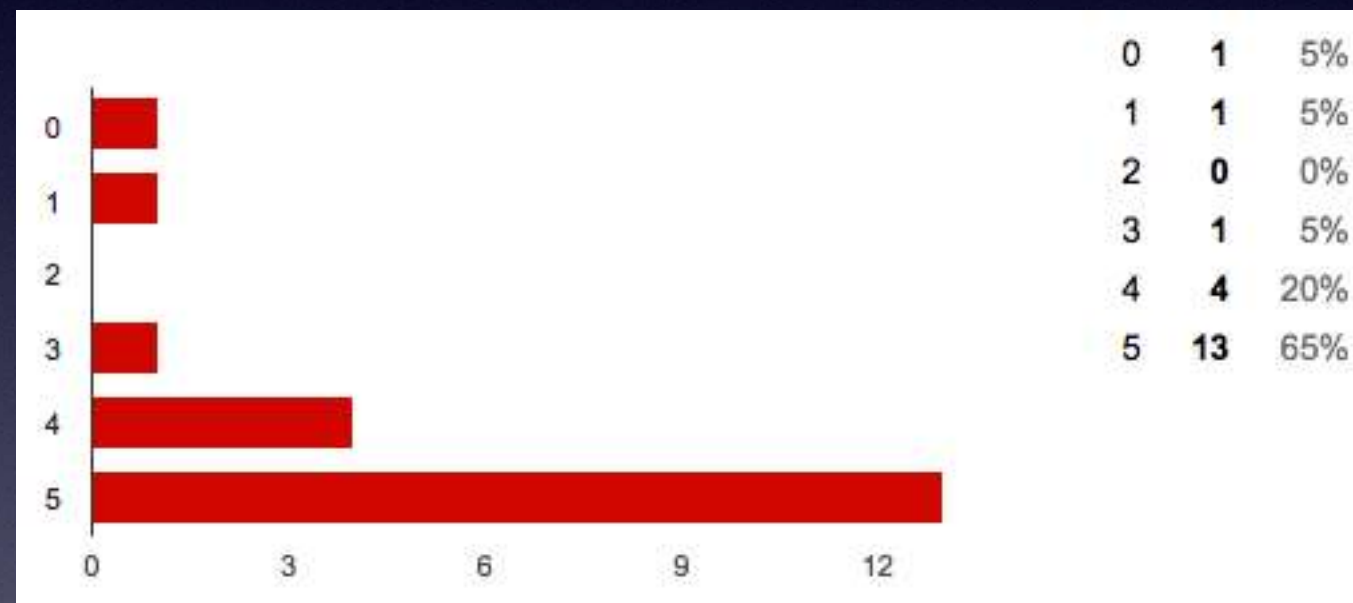
Expectations

- Supporting access to processing tools



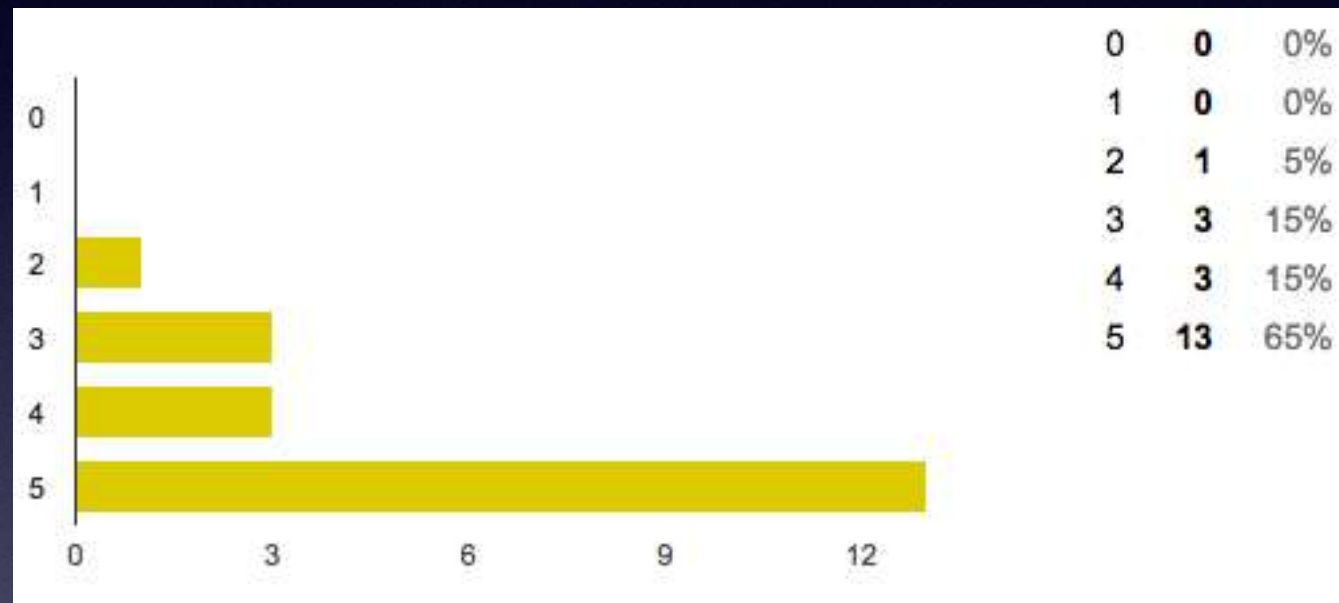
Expectations

- Developing a pool of experts



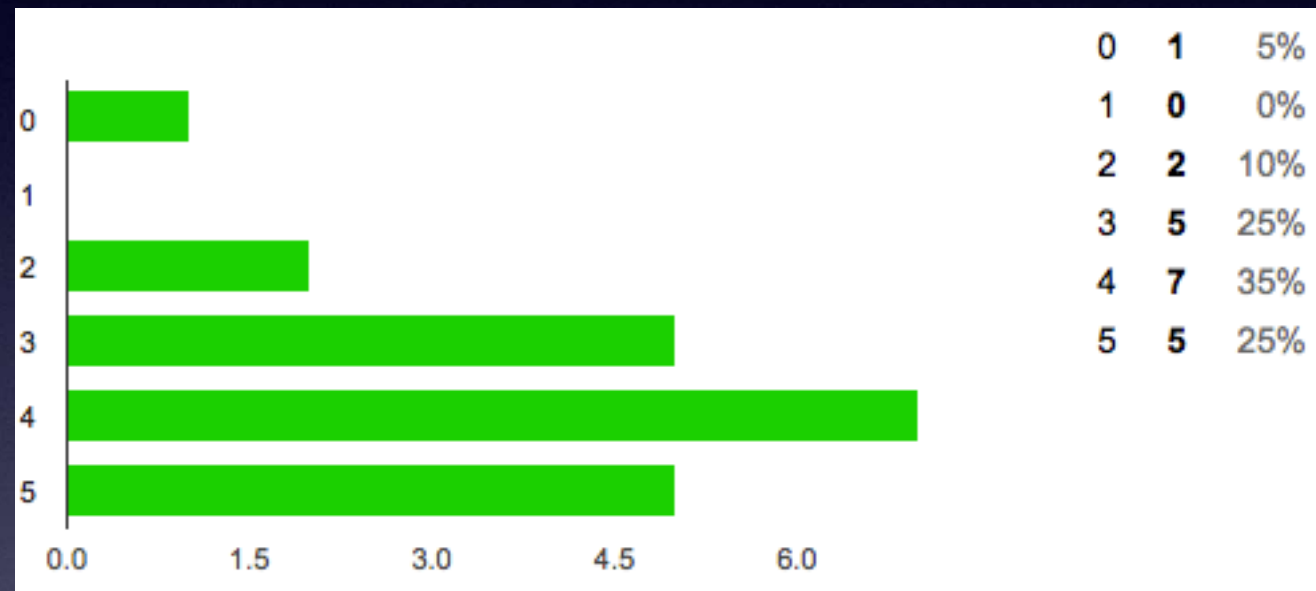
Expectations

- Fostering networking



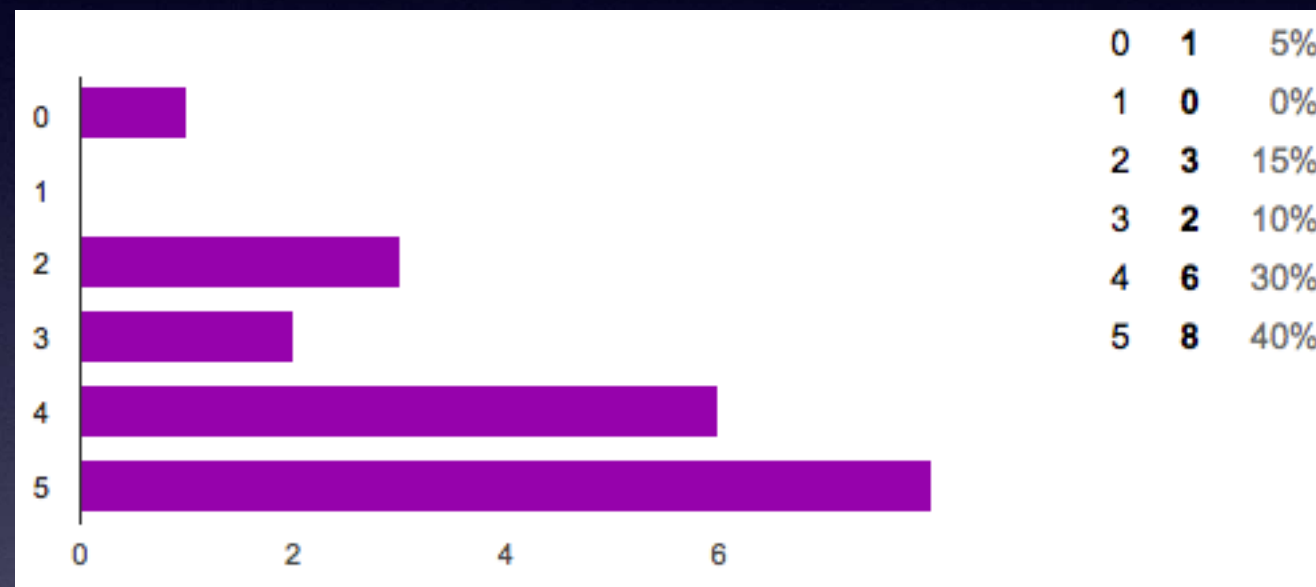
Expectations

- Co-supervision of master/PhD students



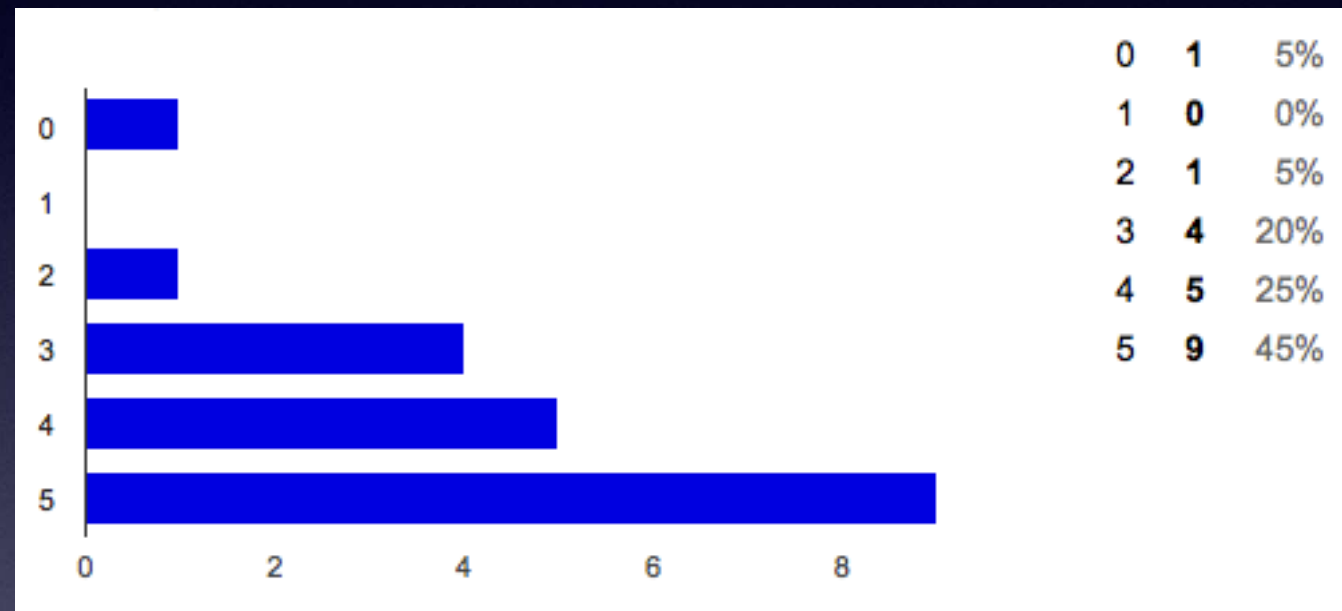
Expectations

- Helping promoting your research/application



Expectations

- Promoting a Belgian interface with space agencies



- Other:

⇒ Support in accessing satellite data (e.g. Cosmos Skymed, TerraSAR,...)



Expectations

- Priorities:
 - ⇒ Fostering networking
Supporting access to processing tools
 - ⇒ Developing a pool of experts
 - ⇒ Organizing trainings
 - ⇒ Promoting a Belgian interface with space agencies
 - ⇒ Helping promoting your research/application
 - ⇒ Co-supervision of master/PhD students



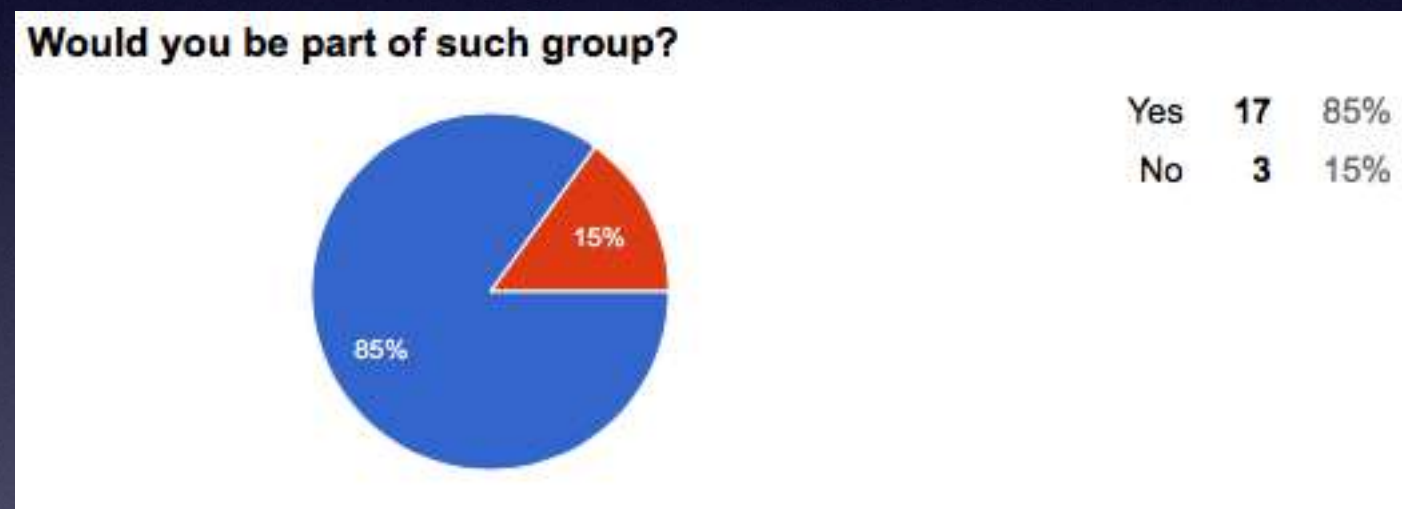
Expectations

- What are your expectations from this first meeting?
 - ⇒ Networking
 - ⇒ Formation
 - ⇒ Pool of expertise / Application developments



BIG?

- Would you be part of a Belgian Interferometric Group?



Conclusions

- A Belgian Interferometric Group is expected
- Main priorities:
 - ⇒ Networking
 - ⇒ Formation
 - ⇒ Pool of expertise / Application developments
 - ⇒ ... ?

