



AuScope

AN ORGANISATION FOR A NATIONAL
EARTH SCIENCE INFRASTRUCTURE PROGRAM

AuScope Stakeholder Survey Results Summary Report (including statistics and comments)

Introduction

350 individuals from the AuScope distribution list were invited to respond to a Stakeholder Satisfaction Survey with 65 responses registered during the period the survey was open. Following is a summary of the survey results and an Appendix that contains the results by percentage and a full list of comments.

AuScope Stakeholder Survey Results Summary

1. How familiar are you with AuScope and its goals? tick one box

- a. I am very familiar through active involvement*
- b. I have a general understanding of AuScope*
- c. I am aware of the existence of AuScope, without any knowledge of its goals*
- d. I have heard AuScope mentioned by others*

- 94% of respondents stated they were either very familiar or had a general understanding of AuScope and its goals. The comments indicate that there has not been sufficient communication of progress since inception to the AuScope community.

2. With which AuScope infrastructure component are you most involved? tick one box

- 29% of respondents are involved with Geospatial Framework & Earth Dynamics
- 9% of respondents are involved with Earth Imaging and Structure
- 31% of respondents are involved with Earth Materials and Properties - NVCL -Hylogger
- 3% of respondents are involved with Earth Composition and Evolution -Geochemistry
- 9% of respondents are involved with Simulation and Modelling
- 19% of respondents are involved with AuScope Grid

Respondents were given the option of stating their organisation and these lists can be found in the following appendix.

3. From the perspective of your organisation and its involvement with AuScope, which statement best reflects your organisation's view?

- a. AuScope is very worthwhile and we have benefited from our involvement with it*
- b. AuScope is very worthwhile and we expect to benefit from it when the infrastructure is fully operational*
- c. AuScope is satisfactory, but needs more promotion*
- d. AuScope has not met our expectations*

- 74% of respondents stated they have found their organisation's involvement with Auscope very worthwhile from a current and long-term perspective. The comments generally reflect a positive perspective towards AuScope and the impact the infrastructure will have on research capabilities in the future.

4. In the context that infrastructure is not completed at this point, how would you rate the progress to date in establishing the contracted research infrastructure?

- a. Exceeded expectations*
- b. Matched expectations*
- c. Less than expected*
- d. Don't know because this has not been adequately communicated*

- 57% of respondents stated that AuScope has met their expectations in regard to the progress to date in establishing the contracted research infrastructure. The comments indicated that while there is recognition about the difficulties rolling out an infrastructure program such as this, frustration is being experienced due to the length of time it is taking to complete.

5. In the context that infrastructure is not completed at this point, how would you rate the scientific achievements derived to date?

- a. Exceeded expectations*
- b. Matched expectations*
- c. Less than expected*
- d. Don't know because they have not been adequately communicated*

- 59% of respondents state that the scientific achievements derived have met their expectations to date. The comments reflect a positive outlook for the completion or delivery of the infrastructure and in particular, the NVCL delivery has been impressive.

6. To what extent do you expect future access to AuScope infrastructure will impact on your research programs?

Fundamental to our future operations/research success

b. Important but other opportunities exist

c. Incremental impact only

- 49% of respondents recognise access to AuScope as being important but acknowledge other opportunities exist for research programs while 45% see it as fundamental to future success. The comments indicate a need for greater integration of data, resources, and cross linking of programs for future success.

7. Do you believe that AuScope has sufficiently promoted its infrastructure to the earth science community?

a. Yes

b. No

c. Only in the case of selected components

d. Difficult to gauge because the infrastructure I am interested in is not yet in place

- 66% of respondents indicated AuScope has not sufficiently promoted its infrastructure to the earth science community or if so only in the case of selected components. The comments indicate an awareness of the Grid Roadshow and the Portal as a positive vehicle for promoting the infrastructure to the earth science community.

8. AuScope is attempting to provide access to information about its research infrastructure for all stakeholders through its website, public TWiki and via research portals. Overall, do you find these initiatives:

a. Excellent innovations

b. Better than average

c. Acceptable

d. Inadequate

e. Can't comment as I have not used any of these tools

- 66% of respondents find the level of access to information acceptable or better than average. However the majority of comments indicate frustration in the use and functionality of the AuScope Twiki.

9. The management and administration of AuScope has:

Demonstrated a high standard of efficiency

b. Demonstrated a good standard of efficiency but needs to address some important issues

c. Not demonstrated an acceptable standard of efficiency

- 51% of respondents believe the management and administration demonstrate a good level of efficiency but need to address some important issues. The majority of these issues that are reflected in the comments refer to communications both at a public awareness and organisational level including the technology support systems in place such as AIM.

10. AuScope has an innovative Board structure, with no direct representation from participants. Board members are chosen for their individual skills and expertise, and to cover the range of governance requirements of AuScope. Please select one or more of the following:

a. The Board has been responsive to stakeholder needs

b. The governance of AuScope has been satisfactory, and the independent Board model seems to be working well

c. The Board has added little value

d. Our organisation's interests have not been adequately represented

- 64% percent of respondents are satisfied with the governance of AuScope and Board model. However from the comments it's clear that this springs from a lack of negative issues or ignorance regarding the activities of the Board rather than an actual awareness of the Board's activities.

Appendix

AuScope Stakeholder Survey Results

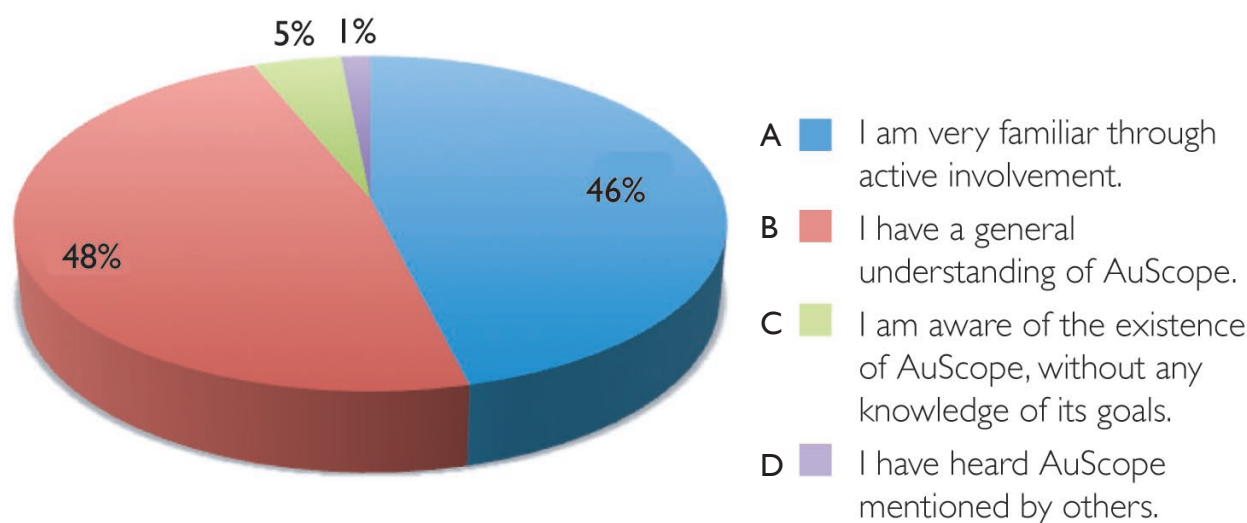
Responses by percentage and comments.

Please note: In Question 2 respondents were asked to state which infrastructure component they were most involved with. The comments throughout reflect the component selected.

Component Key to comments

- GF** Geospatial Framework & Earth Dynamics.
- EI** Earth Imaging and Structure.
- EM** Earth Materials and Properties - NVCL - Hylogger.
- EC** Earth Composition and Evolution - Geochemistry.
- S** Simulation and Modelling.
- GI** AuScope Grid.

Q1. How familiar are you with AuScope and its goals? tick one box



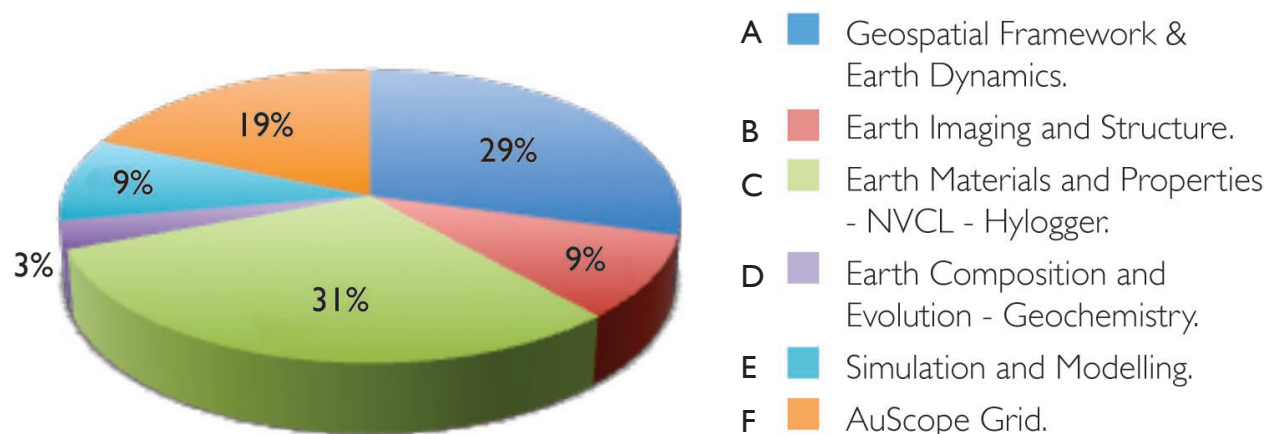
Comments/responses for those who answered 'a'

- EI** I am an AuScope Board member.
- GI** GeoSciML Mineral Occurrence model portal.
- GI** I was on the initial steering committee putting together the AuScope proposal.

Comments/responses for those who answered 'b'

- GF** I fit between a and b knowing a lot about my AuScope area but not so much about the others.
 - EI** AuScope is a very diverse organisation and some of the modules are vaguely defined.
 - EM** Although a large number of AuScope corporate documents were distributed at project commencement it seems that only a small subset of that information is oriented towards detailed science outcomes of AuScope structure and generic goals of the organisation. Better communication on the overall project and its overarching goals would be appreciated.
 - S** Little publicity so far.
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Q 2 With which AuScope infrastructure component are you most involved? tick one box



Providing the name of the respondents organisation was optional

Comments/responses for those who answered 'a' - Geospatial Framework and Earth Dynamics

SA Department for Transport Energy & Infrastructure - Land Services Group.
 Department of Lands NSW.
 University of New South Wales.
 Curtin University.
 University of Tasmania.
 British Geological Survey.
 University of Tasmania.
 Landgate.
 NSW Department of Lands.
 Landgate.

Comments/responses for those who answered 'b' - Earth Imaging and Structure

Uni of Adelaide.
 Geoscience Australia.
 I'm involved in Geospatial to some extent as well.

Comments/responses for those who answered 'c' - Earth Materials and Properties

GSWA.
 PIRSA.
 Queensland Department of Employment Economic Development and Innovation.
 CSIRO.
 Mineral Resources Tasmania.
 CSIRO.
 CSIRO.
 Geological Survey of WA.
 Geological Survey of Western Australia.
 CSIRO Exploration & Mining (we are involved in multiple components but can tick only one box).
 NSW DPI.

Comments/responses for those who answered 'd' - Earth Composition and Evolution

The University of Sydney - We are interested in b d and e.

Comments/responses for those who answered 'e' - Simulation and Modelling S.A.M.

Kalgoorlie Consolidated Gold Mine Exploration.

I am involved in both simulation and modelling as well as the AuScope Grid (Sydney Uni).

Intrepid.

Comments/responses for those who answered 'f' - AuScope Grid

PIRSA.

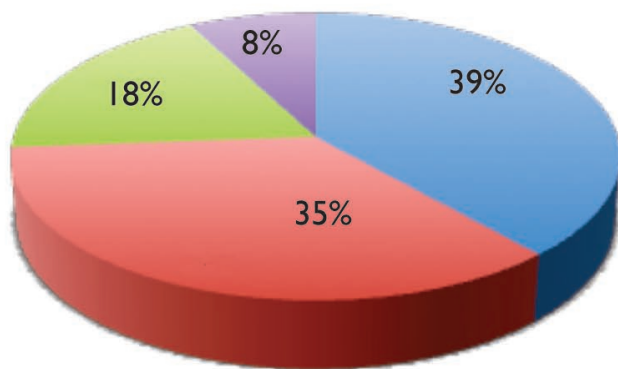
GA.

Department of Primary Industries Victoria.

GeoScience Victoria.

Geoscience Australia.

Q3. From the perspective of your organisation and its involvement with AuScope, which statement best reflects your organisation's view?



- A ■ AuScope is very worthwhile and we have benefited from our involvement with it.
- B ■ AuScope is very worthwhile and we expect to benefit from it when the infrastructure is fully operational.
- C ■ AuScope is satisfactory, but needs more promotion.
- D ■ AuScope has not met our expectations.

Comments/responses for those who answered 'a'

GF Landgate and the State of WA will be significant beneficiaries of this infrastructure as it will enable more research with real in situ equipment rather than using projections or simulations based of studies elsewhere.

GF This is hearsay as you're asking an individual to give a whole-of-institution response.

GF We benefit currently through some of the computing and geospatial infrastructure but anticipate significantly more benefit once all the infrastructure will be in place (in particular the geospatial).

EM A most excellent collaborative model that is worthy of continuation.

S AuScope is truly transforming the way we are doing research as it allows us to develop e-research tools that otherwise we would have no resources to develop.

GI Both a and b: we have benefited as an organisation through our involvement - staff development and external image; we will also benefit from the infrastructure itself.

Comments/responses for those who answered 'b'

EM None of the above?

EM Work on beta version (HyChips) has demonstrated potential.

EM The infrastructure promised through AuScope has strong science applications likely unachievable by individual government agencies. The delays in infrastructure rollout greatly diminish measurable benefits. AuScope as a business would benefit from stronger project structure.

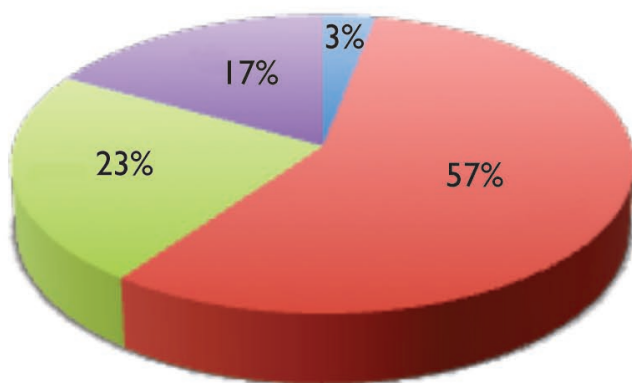
Comments/responses for those who answered 'c'

- GF** AuScope needs far more promotion in South Australia as there is minimal support / awareness both within and outside government.
- EI** Earth Imaging needs a person to drive it and needs focus. At the moment it is a nebulous entity!
- S** Limited exposure in the commercial world.
- GI** A difficult question as AuScope has more than one component e.g. for geospatial answer is much higher involvement than for earth imaging or grid as different people have different understanding of what AuScope is about and how we could interact.
- GI** Apart from AuScope Geospatial I don't think anyone in GA has a clue about anything else in AuScope.

Comments/responses for those who answered 'd'

- EI** We never hear a thing.
- S** I don't know of our level of involvement.
- G** AuScope is worthwhile and we have benefited somewhat from it but the interaction has not been sufficient to provide great benefit.

Q4. In the context that infrastructure is not completed at this point, how would you rate the progress to date in establishing the contracted research infrastructure?



- A** Exceeded expectations.
- B** Matched expectations.
- C** Less than expected.
- D** Don't know because this has not been adequately communicated.

Comments/responses for those who answered 'b'

- GF** The rapid commissioning of the Terrawulf II and my subsequent use of it has been fantastic. The rollout of geospatial infrastructure is proceeding well for VLBI gravity and is slow for GNSS. I understand that this will accelerate over the next 2 years.
- GF** When developing program schedules and time lines it is always difficult to imagine the full implication and all of the permutations of rolling out such significant infrastructure.
- EI** I get the impression that some of the infrastructure will not be complete until AuScope funding ceases.
- GI** The exceptions are with Earth Composition and Evolution and Earth Imaging which whilst operating are not making progress on integrating with the vision of the AuScope system and earth model. They are still quite isolated. Simulation and Modelling is making slower progress in contributing services for more general use but there are some signs this will improve.

Comments/responses for those who answered 'c'

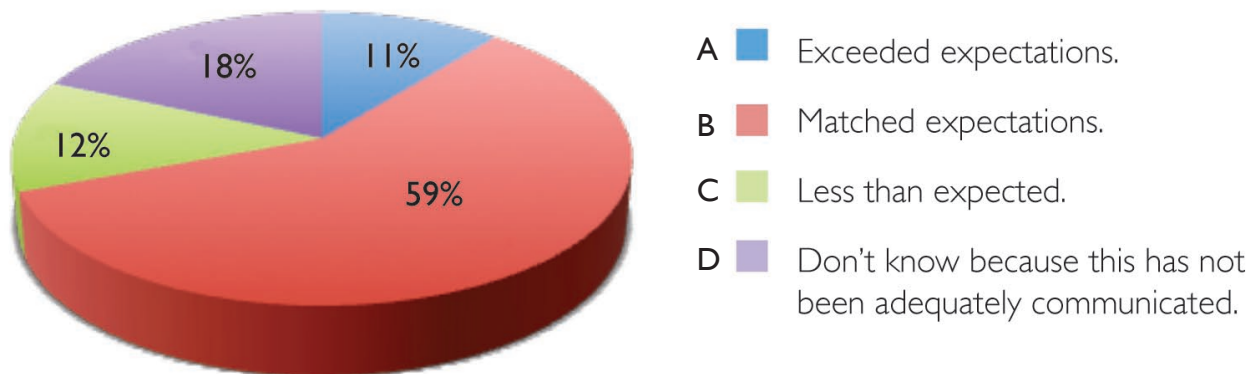
- GF** Land tenure issues have slowed down the whole process.
- GF** We have not had the resources to commit as originally hoped so we are part of the reason progress is dragging. Even so during the development of AuScope things have moved rapidly in GNSS such that the infrastructure needed for non-research purposes is much more than AuScope can deliver. Therefore we are in danger of management seeing AuScope as inadequate no matter how good it is.

- EM** Employed September 2008 to operate HyLogger-2. Still in waiting process...
- EM** Delayed.
- EM** More manpower needed to meet planned goals; especially the need for the development and deployment of a rapid- measurement TIR spectrometer.
- EM** Technical support has been excellent and interaction between organisations has operated at a continuously high level despite implementation delays. There are some concerns that the same delays will apply to future rollouts (e.g. TIR upgrade of the NVCL). Again the science is good but the business model expectations are possibly set too high.
- GI** Some things have matched expectations but Geoserver work has taken much longer than anticipated requiring us to find temporary solutions to fulfill web services commitments.

Comments/responses for those who answered 'd'

- S** Have no idea how this might help the broader geoscience community.
- GI** Same concept as above - earth imaging infrastructure is up and running and was operating early (MT gear was the only bit still being purchased) vs grid that is partial up vs rest that I have no idea on what is happening.
- GI** Don't know because haven't stayed in touch with progress.

Q5. In the context that infrastructure is not completed at this point, how would you rate the scientific achievements derived to date?



Comments/responses for those who answered 'a'

- EI** Access to Terrawulf computing resources has been highly beneficial.
- EI** In Earth imaging and Geospatial I see scientific publications appearing. I would very much like to see a central brag sheet on the AuScope portal showing the AuScope Science outcomes. I see nothing at present.
- EM** Demonstrated potential to enhance prospectivity of State and understanding of ore systems.
- EM** As infrastructure in the area of HyLogger is only just getting implemented there is little new scientific data produced but that related to the development and software support for the infrastructure has exceeded expectations.

Comments/responses for those who answered 'b'

- GF** The infrastructure was always going to take a long time to build and many research applications rely on long time series - so it may be some time before we gain the full benefits of the infrastructure.
- EM** The NVCL database has been the stand-out achievement of the project; looking forward to using it in a full capacity.
- EM** I don't think we have reached the mature delivery stage yet for many of the components but I see no major roadblocks to the delivery of excellent science in the next 1-2 years.
- EM** The actual science behind the program (NVCL) is impressive and when fully operational should be of substantial benefit to NSW and researchers and industry operating in NSW. Clearly having just begun full

operations and still lacking key infrastructure components science achievements to date are low but are expected to increase rapidly. A further boost to scientific achievement is envisioned with the upgrade to thermal (TIR) spectral capability.

GI I also agree a bit with point d - I don't really know all that much about AuScope's scientific achievements but this could also reflect that GA does not have very much to do with it.

Comments/responses for those who answered 'c'

GF To the best of my knowledge there have been no scientific achievements because there is no operating AuScope GNSS infrastructure in SA.

GF I'm not aware of many scientific achievements having been published that have utilised AuScope infrastructure. There are several publications that relate to the use of the Terrawulf II but that is all that I have seen.

GI Whilst pockets of infrastructure are making progress the science expected to come from the complete systems view is hampered by those components that haven't yet embraced or contributed to that vision.

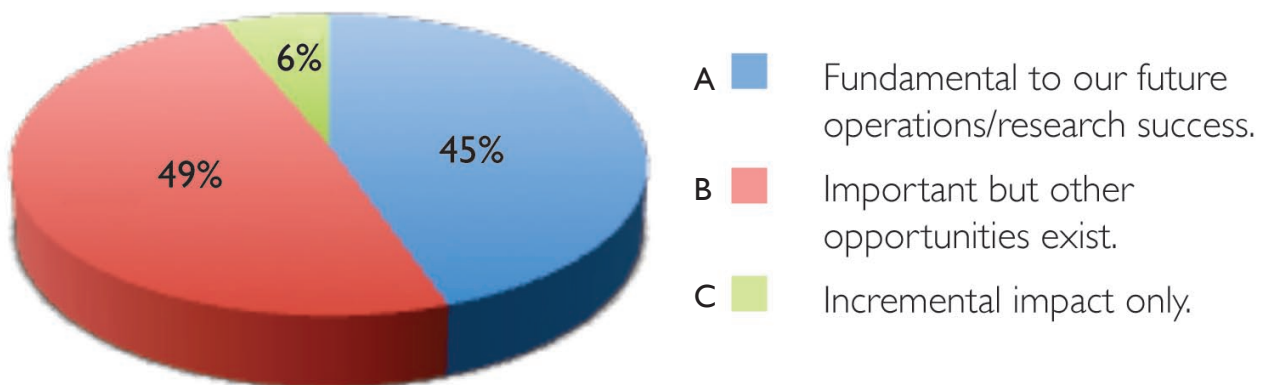
Comments/responses for those who answered 'd'

GF There has been very little chance for science so far in my part but I think any science that has happened has not been communicated well.

GI Same concept. From earth imaging view there has been a lack of buy in and commitment by the academics however the surveys have ""taken tis over"". At least there is strong interest and support however AuScope is really about the academics and giving them an opportunity to be involved.

GI Don't know because haven't stayed in touch with progress.

Q6. To what extent do you expect future access to AuScope infrastructure will impact on your research programs?



Comments/responses for those who answered 'a'

GF Computing facilities in addition to geospatial infrastructure vitally important for future research success.

EM Increased in importance because of likely budgetary constraints over next several years from 2009-10 and more so from 2010-11 after expiration of current project funding.

EM The HyLogger roll-out in WA will provide access to state-of-the-art core-logging technology focussed on priority research projects. MERIWA has been instrumental in promoting hyperspectral research in the past and with added research money from the Exploration Incentive Scheme will continue to support innovative research aimed at maximising the states' assets (including the NVCL HyLogger). The future-planned TIR upgrade will be of huge importance to the mineral industry in identifying new mineralogical indices for exploration.

EM The thermal infrared upgrade in 2010 will be vital and is a essential component to the success of the NVCL.

EM But infrastructure alone is not enough - we need to also produce and promote products derived from the infrastructure so that the potential consumers can see the value.

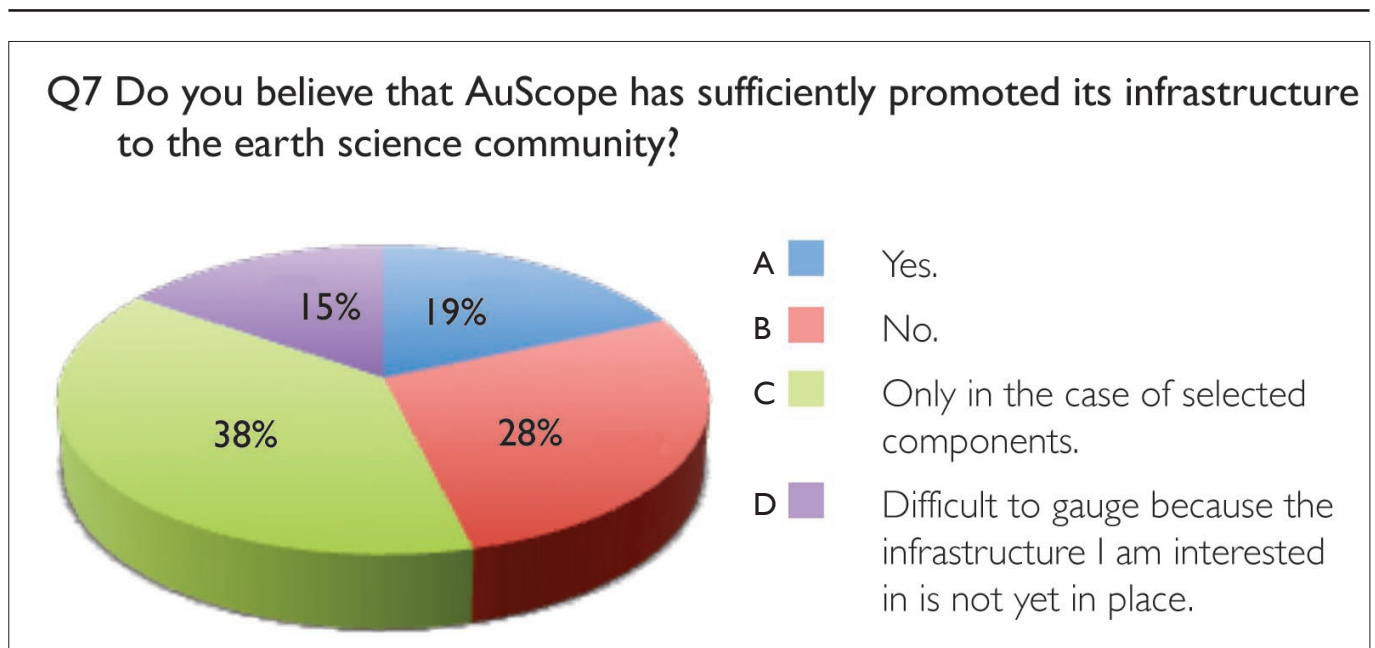
- S** Research breakthroughs in e-geoscience in Australia will critically depend on access to AuScope infrastructure.
- GI** Much of the future research being discussed is based on new ways of integrating multiple data types (and sources) and modeling. Without the infrastructure system geoscience information network and earth model AuScope envisages this research will not be undertaken as the costs involved in integrating the system (or replicating our own facilities) will be too high.
- GI** From the AuScope Grid view above is true. From earth imaging more B.

Comments/responses for those who answered 'b'

- GF** We are an operational rather than research organisation.
- GF** Comment above needs to be tempered by recognising that our research is more in applications than fundamental science.
- GF** I would hope for greater engagement overtime.
- GF** Not all of my research focuses on the Australian continent. The GNSS network could be particularly useful for studying the long-term deformation of the continent but we're going to have to wait several years to see the benefits of that. The short-term impacts in my research will be through the enhanced computing power (both data analysis and visualisation).
- EI** Top down big science is always limited in what it can do. It always over-estimates its impact and can be an inefficient use of funds. A reason for big science is in tackling large scale problems that can not be tackled by smaller groups e.g. earthscope in the US. I always think that dedicated teams or individuals can achieve much with much less funding.
- EM** It constitutes only one line of research which although new and the infrastructure will be fundamental to that particular line is not life or death to the organisation as a whole.
- EM** Provides a cost effective approach to collection of data that would not otherwise be easily obtained - but other approaches might also achieve an understanding of large scale alteration systems.
- EM** The NVCL will generate a wealth of information on alteration systems in NSW and will form a semi-autonomous component of geological research throughout the state. The thermal upgrade is of considerable interest to NSW. The promise of easily accessible data (GRID) is appealing.

Comments/responses for those who answered 'c'

- S** Don't know.



Comments/responses for those who answered 'a'

- GF** Promotion is beginning to emerge now.
- EM** There is a great deal of industry interest in building a national spectral library of earth materials and properties. The program has also enhanced our program of acquisition of mineral core.

- EM** The early stage communications were comprehensive inclusive and well done. Current awareness in the earth science community is as good as could be hoped for.
- GI** Can you ever promote yourself enough?

Comments/responses for those who answered 'b'

- GF** Needs more widespread exposure.
- EM** In particular promotion to the mineral industry has been poor.
- GI** The infrastructure for some components has only just reached the point of being sufficient to be widely promoted. Prior to that its been vision promotion only. I expect this particular issue will change significantly in the next year.

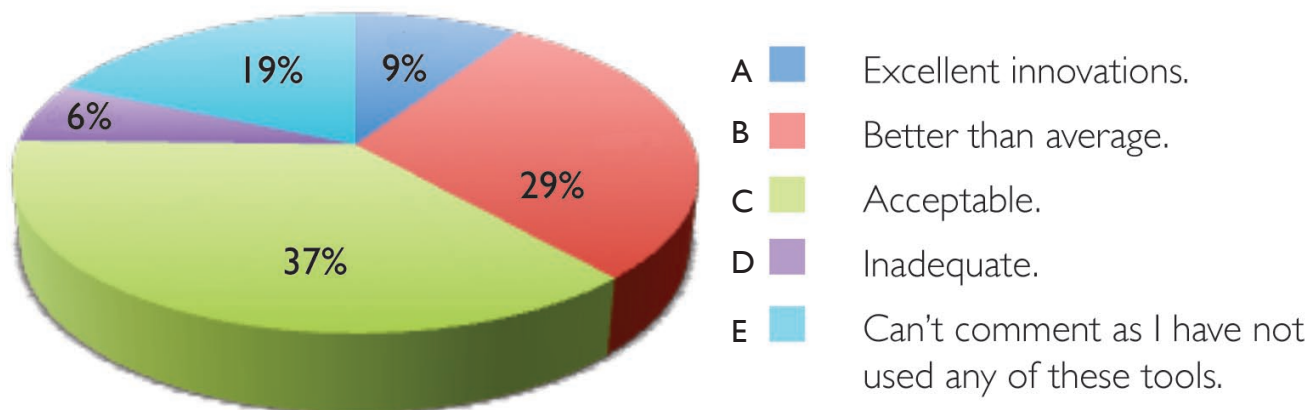
Comments/responses for those who answered 'c'

- GF** The advantages of the Geospatial part have been well promoted through conferences etc but is relevant more in the context of general infrastructure than in the context of science.
- GF** Again you're asking me to comment on behalf of others.
- EI** Promoting infrastructure is not just about telling people what you have done. It is also about explaining to them how it can be used and why they should invest time in using it. It can be difficult to convince people to do something new even when there is a benefit to be had. In my view there is more than an element of the tail wagging the dog in parts of AuScope. Several AuScope components provide scientific outputs which stand alone as valid. Other areas exist to service the scientific components e.g. grid and IT structures and yet I fear the latter is preaching to the former as to what they should be doing or rather not being sufficiently a listener to be of service. I repeat a call from above. List the science outputs in whatever form in a central location for all to see and admire.
- EM** Don't know: am aware through AuScope roadshow and special sessions at conferences including targeted local conferences. I am less sure about level of promotion to the general geoscience community. For example nobody from the Geology Department at the University or CODES attended the Roadshow despite being invited. For the HyLogger promotion has been excellent.
- S** I think that most researchers who are not actively involved in AuScope know little about it. At least this is what I have been told by others.
- GI** The upcoming roadshow for the portal should greatly improve AuScope's profile.
- GI** Earth imaging and structure and Geochemistry components poorly promoted to the community and unavailable through the AuScope portal.
- GI** I know about AuScope through my own initiatives. I don't really think that AuScope has connected with me independently.

Comments/responses for those who answered 'd'

- GF** I don't work in the Earth Science community and so can't comment. Please ignore response (required to submit form).
- EM** The roll-out of the WA HyLogger and NVCL database will be at the end of June after which promotion by AuScope and GSWA will ramp-up the targeting of potential customers.
- GI** The information about the program is filled with jargon and is difficult to interpret. I plain English version of the program's facilities and benefits would be very helpful.
-

Q8 AuScope is attempting to provide access to information about its research infrastructure for all stakeholders through its website, public TWiki and via research portals. Overall, do you find these initiatives:



Comments/responses for those who answered 'a'

- EM** TWiki is a challenge to navigate and its only visible if I decide to look at it and log in. Perhaps you need to establish links from stakeholder web sites.
- EM** Reporting tool is difficult and frustrating and designed for AuScope's convenience and not that of the user. Needs to be made more user friendly.
- GI** You need to be in the "in the crowd" to navigate the Twiki and research portals at this stage. Usability needs improving now that services are becoming available. The main website conveys the vision well, again this should be updated to assist in making the newly working services more accessible.

Comments/responses for those who answered 'b'

- EM** More regular update.
- EM** Important to engage potential industry users who may not have access to or knowledge of these other portals.
- EM** The Twiki is awkward to navigate as it is often non-intuitive. The website operates at a high level, and is not of practical use. The research portals are behind schedule and, while theoretically appealing, require implementation.

Comments/responses for those who answered 'c'

- GF** My community is quite small hence communication is adequate - unsure if this is the case elsewhere outside geospatial.
- EM** Virtual corelibrary is an excellent idea but I found not intuitive to use. But that was 6 months or more ago -- I haven't been back to check out any improvements. But I will soon. I was hoping to find more drillcore form the Pilbara.

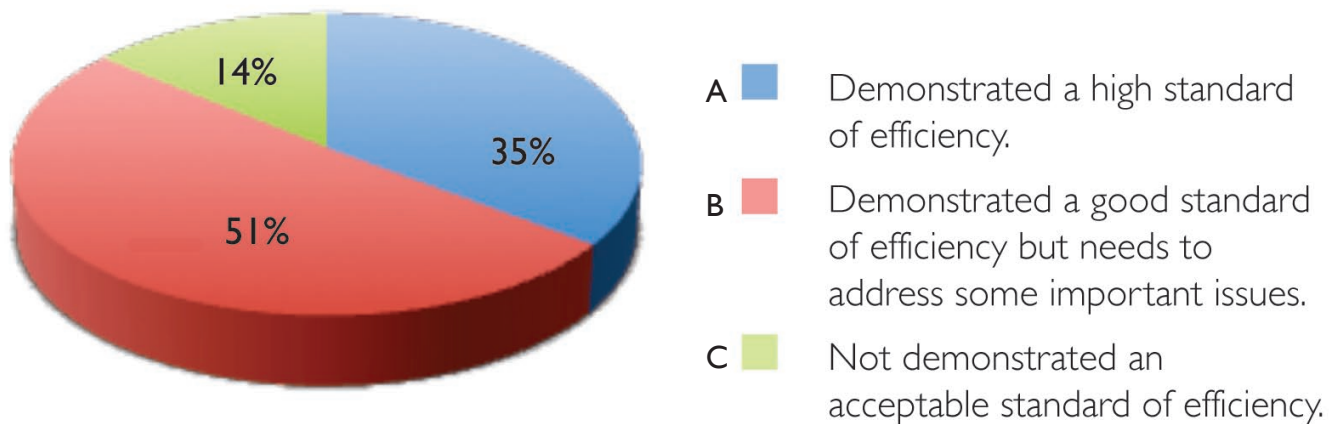
Comments/responses for those who answered 'd'

- GF** I am involved in many collaborative projects all with different approaches so unfortunately learning to use yet another tool (in this case TWiki) becomes an obstacle rather than advantage. Also I receive so many emails that I tend to use those to manage my to do list. I never have time to think to go and look at Twikis or blackboards or other web based tools. If I don't get an email I don't go looking elsewhere.
- EI** I didn't know they existed.
- EI** The major task is being responsive and flexible in encouraging access to potential users needs. The biggest danger is that access is ineffective due to preaching of ideas about what users/scientists may need without actually knowing what they really need. Listening is important but perhaps underrated.
- EI** I do not yet see anything exciting on the AuScope. It looks more professional than it did, but seems dominated by an administrative structure. I don't see much that a scientist would use at www.auscope.org.au.
- S** What I'm noticing is that "who" the userbase is has very different meaning to people throughout AuScope. It would help the component significantly if there was some clear direction here.

Comments/responses for those who answered 'e'

- GF** I read the email circulars.

Q9. The management and administration of AuScope has:



Comments/responses for those who answered 'a'

- GF** AIM has been a bit of a dog's breakfast.
- GF** AuScope oversight and administration is practical and workable.

Comments/responses for those who answered 'b'

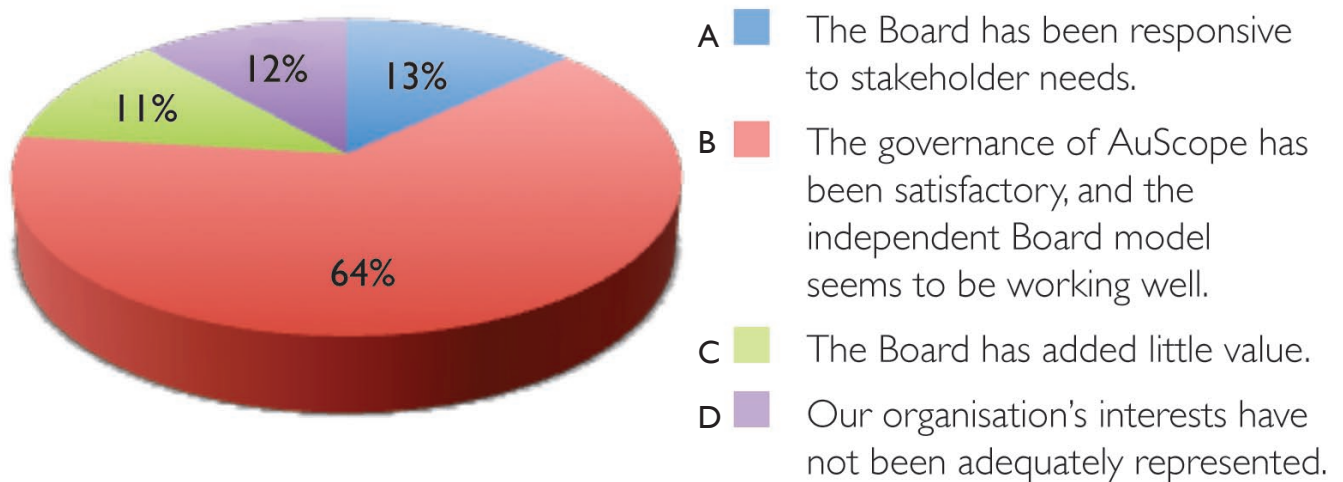
- GF** AuScope in geospatial circles has become a brand name: the ""AuScope Network"" now refers to virtually any permanent GNSS installation in the country. This was the vision for AuScope throughout the Earth science community that it become a brand name but I don't think it has been achieved in a broad sense.
- GF** At the outset management and administration was poor. Fortunately this has now improved.
- GF** The bulk of management relevant to my involvement has been through GA not the AuScope administration itself. From that perspective the AuScope administration overhead seems like overkill.
- GF** Promotion activities are improving.
- EI** Very low key organisation - hard to assess management!
- EI** Publicizing the potential of AuScope as a whole to the scientific community is largely under-estimated. Knowing who is doing what within AuScope is not clear. Being proactive in encouraging interactions and listening to what people want e.g. what scientists want from the grid component. The enabling of new science is the measure of success which appears to be overlooked so far. I'd like to see this scientific output measured and held up for all to see.
- EM** The AIM web site is difficult to navigate and understand.
- EM** Picked b but I do not know enough to comment fairly.
- EM** Promotion to the broader community and being able to demonstrate linkages to research products which have utilised the infrastructure.
- S** AuScope badly needs a ""one-stop shop"" for advertising its e-research tools especially software. This does not yet exist. This will be critical for improving community uptake of AuScope products. AuScope cannot expect potential users to scour the internet to discover AuScope products which are hosted all over the place because of a lack of central hosting. At the very least there needs to be a web page that clearly lists all AuScope software and grid products which links to the respective sites.
- S** It definitely on the right track.
- GI** Some components aren't building the infrastructure system - just operating as an individual component at this stage.
- GI** Engagement between the various components is poor.

Comments/responses for those who answered 'c'

- GF** Not able to comment.

- GF** I haven't had any direct dealings with AuScope administration and so can't comment. Please ignore response (required to submit form).
- EI** The question should be effectiveness not efficiency. I have no idea if they efficient or not.
- S** Don't know not sure.
- GI** Given then lack of information about AuScope in general and the particular components specifically unless you wanted to be involved you would not know about AuScope. AuScope is very different to the CRC models and so should be managed so.

Q10. AuScope has an innovative Board structure, with no direct representation from participants. Board members are chosen for their individual skills and expertise, and to cover the range of governance requirements of AuScope. Please select one or more of the following:



Comments/responses for those who answered 'a

- S** I think the reality is that during most of the first phase of AuScope the individual components were left more or less to their own devices. This is now changing since Bob Haydon has taken over as CEO. I'd like to say at this point that I am really impressed with Bob, and that he is doing an excellent job. He has initiated all those things that fell by the wayside before (proper web site, engagement with components, etc).

Comments/responses for those who answered 'b'

- EI** As a board member I am conflicted in this response!
- EM** Can only assume it is satisfactory since there don't appear to have been major issues visible from this level.
- EM** Have not been involved long enough to judge the performance of the Board.
- EM** Unknown.
- GI** I don't feel that I have had sufficient interaction at this level to make an informed comment. Seems to work okay.
- GI** Don't know because haven't stayed in touch with progress.

Comments/responses for those who answered 'c'

- GF** Can't comment on this but the machine insisted. I don't see much information about the board's actions. That may mean it is working well.
- EI** Who are the Board?
- EI** I tick C not because I know this to be true but rather I do not see what the value it has added.
- EM** Not in a position to comment on the Board as contact has been at the management level only.

EM The operations of the board have not been very visible. The board structure is of interest inasmuch as it affects the implementation of infrastructure. The board might benefit from greater direct contact with the participant organisations.

EM No comment.

GI From my view point, the above is true. However I know that the structure and people are set up to do a good job.

Comments/responses for those who answered 'd'

GF Despite our significant investment in infrastructure for Auscope - in excess of \$1M, the Board seems completely indifferent to our existence. If this is an innovative structure it is not a good advertisement for innovation.

GF Don't know enough to comment, please ignore response (required to submit form).

GF There is very little communication between AuScope management and the academic institutions that are partners in the infrastructure development. This is not healthy.

EI How would I know - we hear nothing.

EM Do not know enough to comment fairly.

EC Didn't even know there was a Board 'innovative' or otherwise...
