Australian Government support for SKA

• Major global project
• Hosting in Australia a national priority
• Transformational capability
• Ministerial engagement
Australia's SKA objectives

• Economic
  – Inward investment and business opportunities
  – Industry development
• Science and innovation
  – International engagement
  – Infrastructure development
  – Boost the innovation system more broadly
• Skills
  – Attracting and retaining skilled people
  – Stimulating interest in science and engineering
International SKA program

- Decision process being developed
- Moving towards a formal international project
- Extensive, coordinated scientific collaboration to develop SKA
  - supported by various national and EU funding
SKA timeline

- Preparatory phase: 2008 – 2012
- Transition to Phase 1: 2012-14
- Phase 1 – 10-20% SKA: 2014 – 2018
- Phase 2: 2018-onwards
- Phase 3: Post 2020
Australia's bid strategy

• Domestic preparations:
  – Establishing the candidate site – proving the site
  – Developing the full bid – NZ, other states
  – Industry engagement
  – Education and outreach

• Contributing to the SKA program:
  – R&D - ASKAP, ICRAR, PrepSKA
  – Policy – PrepSKA

• International
  – Building global support
  – Decision process
  – Diplomacy and communication
Industry involvement

• Industry as key partners
  – Technical and logistical
  – Delivering benefits
• Importance of ASKAP
  – Technology pathway to SKA
• Facilitating Australian industry participation
• International project procurement
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