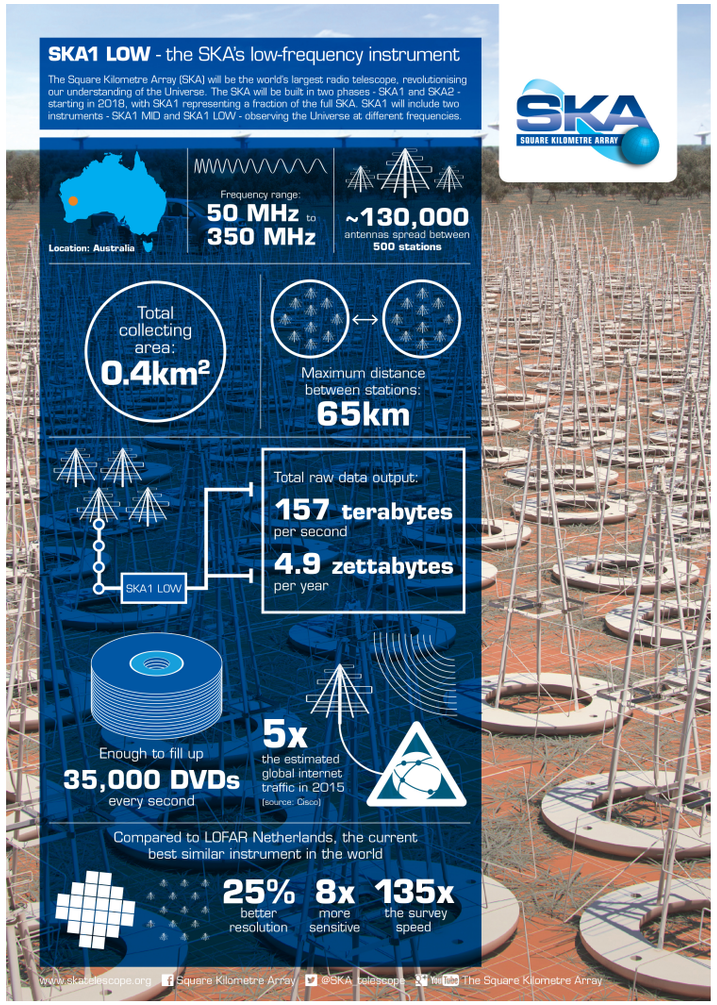
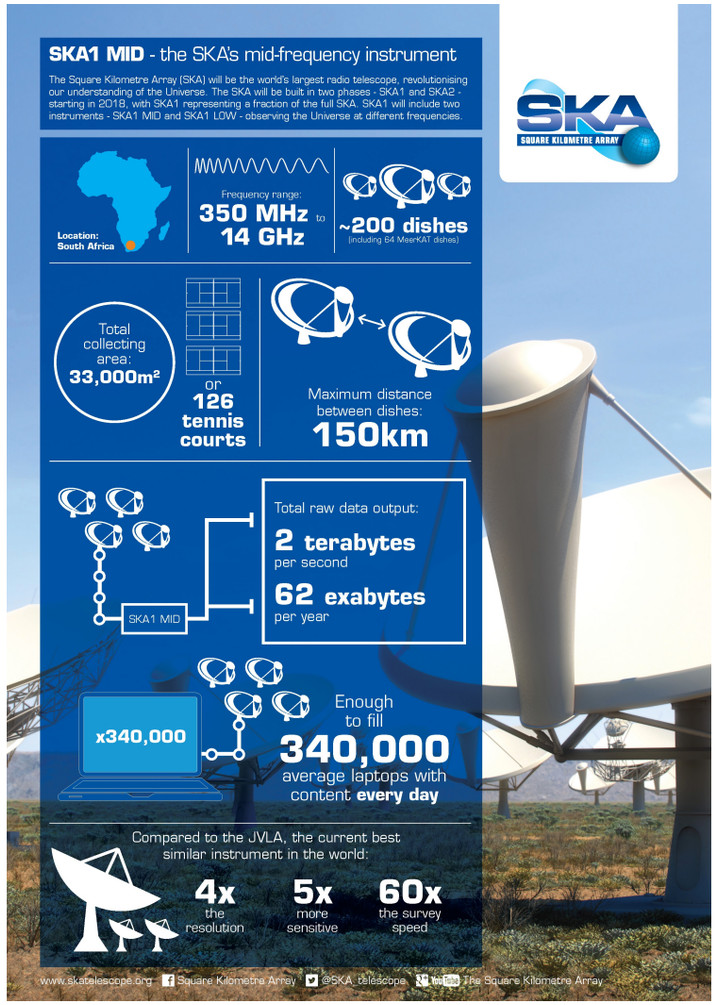


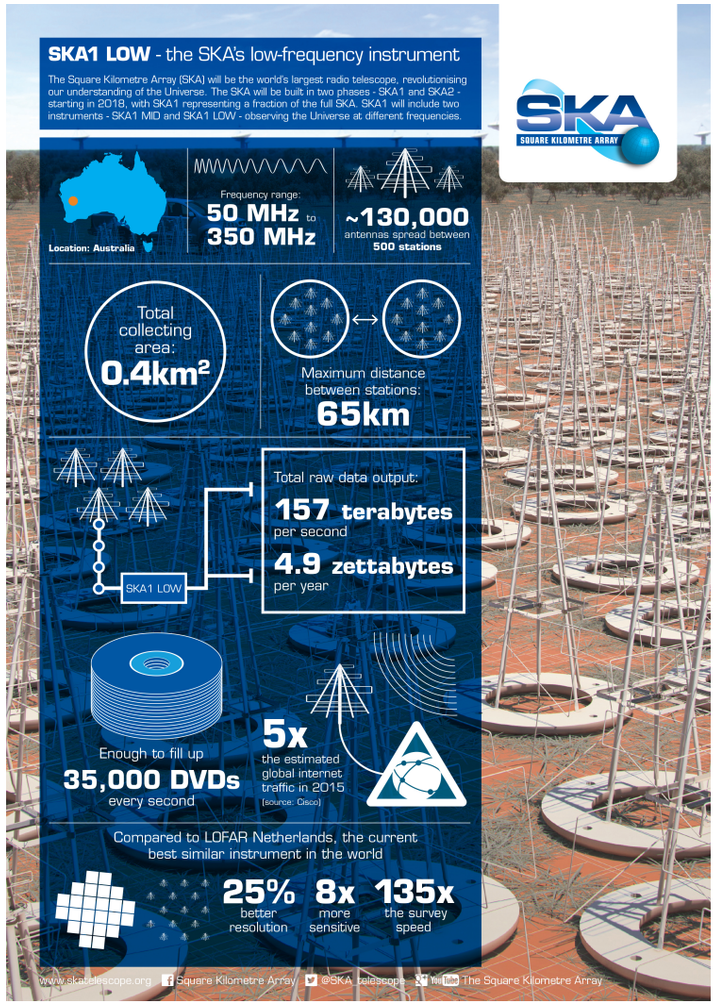


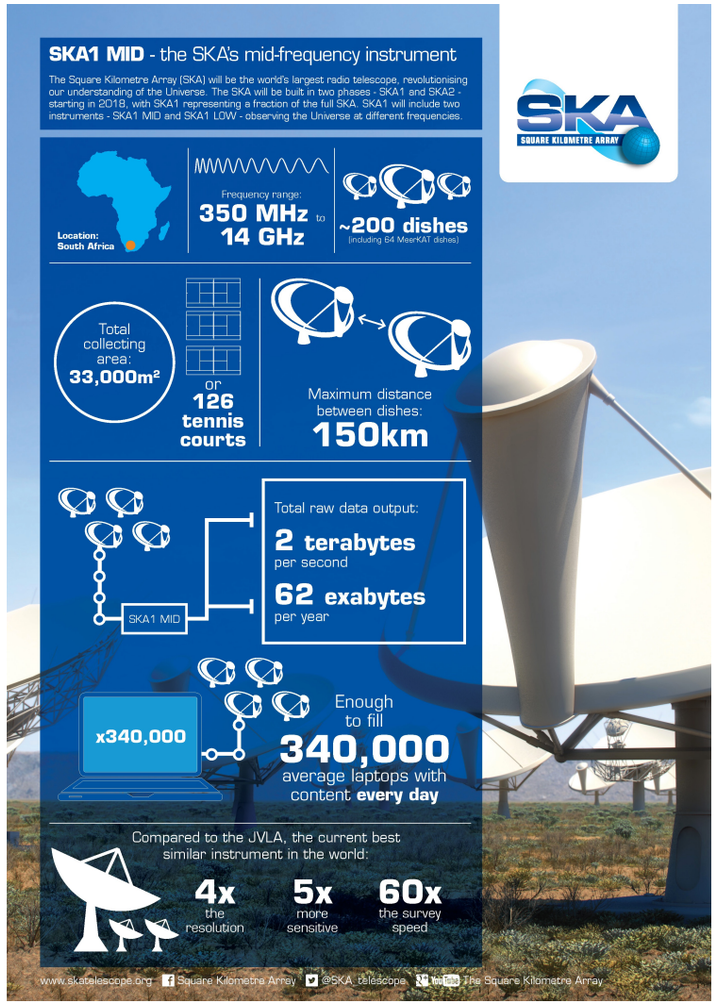
SKA

- One observatory
- Two telescopes
  - SKA1-LOW (50-350 MHz)
  - SKA1-MID (350-15 GHz)

Members

Observers





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SKA-France

http://ska-france.oca.eu

National coordination of scientific, technical and industrial activities preparatory to the SKA project in France

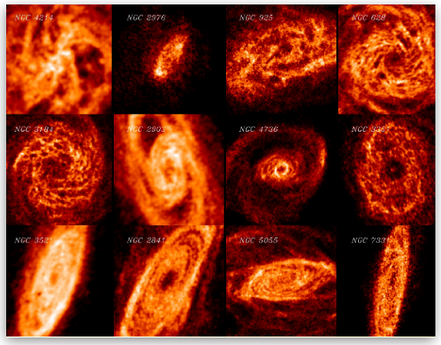
Set in place jointly by:

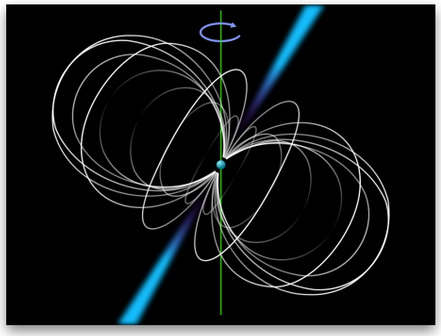
cnrs — l'Observatoire de Paris — Observatoire de la CÔTE d'AZUR — université de BORDEAUX — UNIVERSITE D'ORLEANS

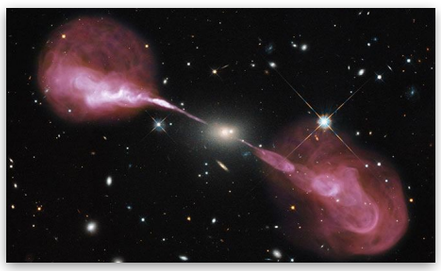
SKA science

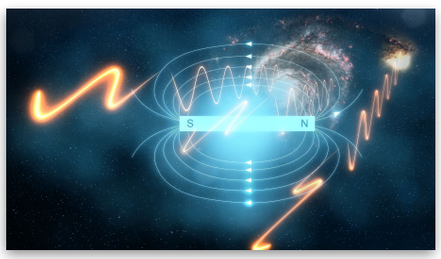
Observables

- The HI 21cm line
- Coherent radio emission
- Incoherent radio emission
- Faraday rotation



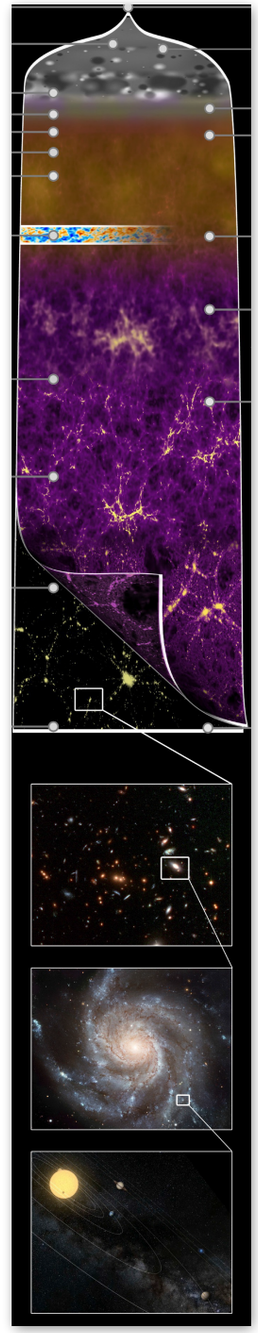






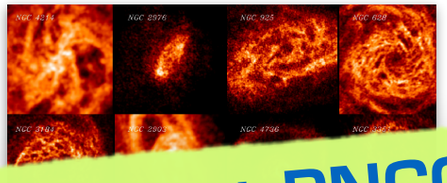
Scientific questions

- Epoch of reionisation
- Expansion history and geometry of the Universe
- Growth of cosmic structures
- Galaxy evolution
- Cosmic magnetism
- Fundamental physics
- Formation of stars and planets



SKA science

Observables ⇨ Scientific questions



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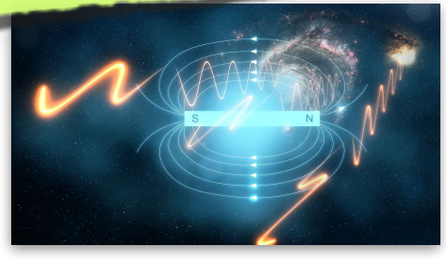

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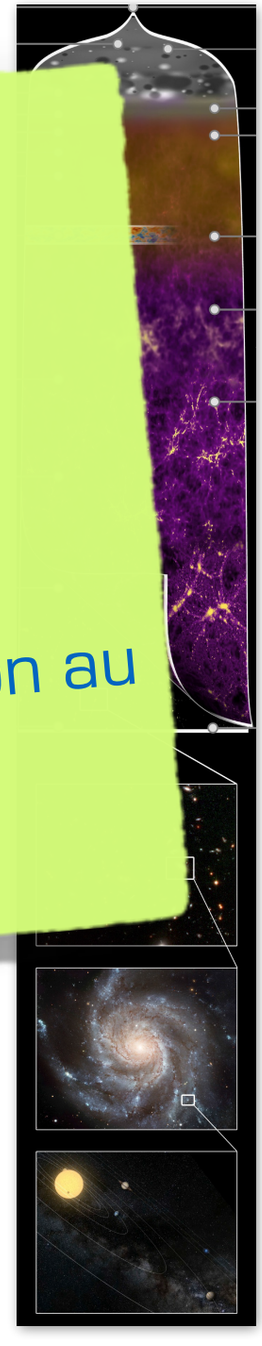

Support PNCG (2014-2016)

Vers le SKA: première science avec ses précurseurs et préparation au plus grand radiotélescope du monde

(OCA, Obs. Paris, IAP, AIM, OAS, IAS, USN, LAL)