



*Advanced European Network of E-infrastructures
for Astronomy with the SKA*



AENEAS WP-2 Update

Development of ESDC Governance Structure and Business Models

AENEAS Meeting
Granada, 18 October, 2017

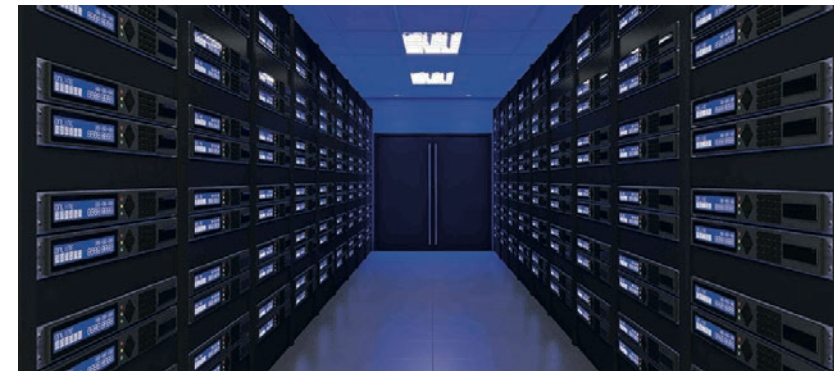
Michiel van Haarlem, ASTRON



WP2 Objectives



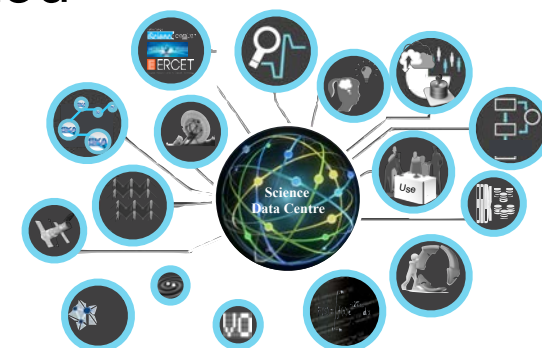
- Develop a plan for the implementation of ESDC for SKA
 - Build on the technical work in WP3-6
 - Deliver Design Study for ESDC (2.4)
- Develop business models for ESDC that work in the participating countries (2.3)
 - with a view to providing long term stable funding
- Develop a governance model (2.3)
 - in line with SKA project policy
 - define relationships between nodes of ESDC
- Ensure that ESDC delivers what the users want (2.2)
 - Not just the current radio astronomy community
- Identify (potential) providers of infrastructure (2.1)



T2.1 Inventory of Facilities



- Inventory of national and European facilities + commercial providers of computing, data storage and networking services; partnerships beyond radio astronomy
- Survey to identify potential (national) providers - distributed
 - Some answers received.
 - Others, please complete survey soon!
- D2.1 Final Inventory – after review & selection of the most suitable options (Month 12)





T2.2 User Community Requirements



- User community requirements of a European SKA Science Data Centre
- Linked to similar initiatives in WP 3 and 5.
- Committed to consult users.
- Initial Users Survey out now - follow-up to be discussed
 - Proposal says: set up Users Committee - broad representation of SWGs & national representatives. Must be interested/committed to using SKA.
- Get representation from non-radio astronomers
 - May not follow from current survey
- D2.2 ESDC user requirements document will be delivered in (Month 18)

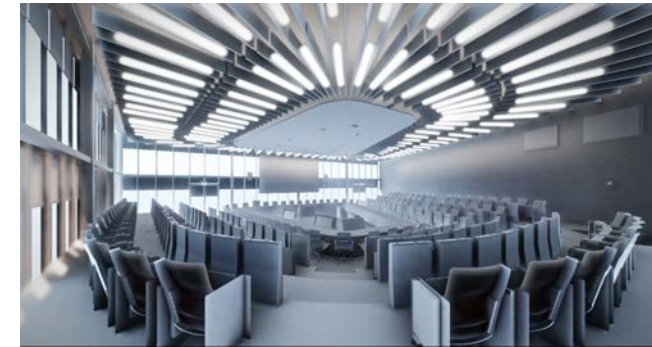




T2.3 Governance & Business Models



- Governance and Business models for a European SKA Data Centre
 - User community requirements of a European SKA Science Data Centre
 - Who is responsible for setting up ESDC node in each country?
 - Financial underpinning of each node (national/local business plans).
 - What are the boundary conditions on providing SKA data.
 - Draw up rules that must be incorporated in agreements/contracts (SLAs).
 - Make clear what role each node plays (scientific or regional emphasis)
 - D2.3 ESDC (preliminary) implementation plan – (Month 36)
- No activity so far - awaiting input
- First meeting: Q1 2018 or at/around next Aeneas f2f



T2.4 SKA SDC Design Study



- Design Study of a European SKA Science Data Centre
- Compile SDC Design Study based on WP 3-6 input
- D2.4 ESDC Design Study – Final Version (Month 33)

- No activity so far

