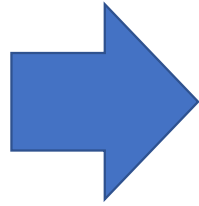


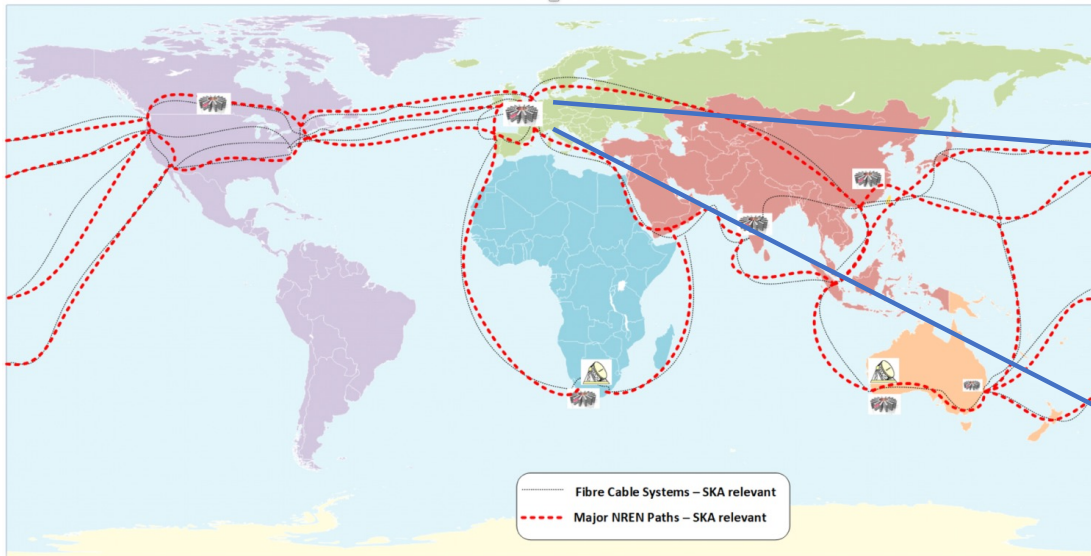
# Results of the SRCNet Review

André Csillaghy, FHNW

# The route from the observatory to the science



SKA Regional Centers -- SRC



2 PB / day


*"The last mile"* ⇕

SRCNet



# The Review

- A subset of the Science and Engineering Advisory Committee (SEAC) reviewed the progress of the SRCNet development
  - SRCNet is the system **necessary** to access and process SKAO data products
  - The SRC is financed by **countries**, SKAO participates to a certain amount and drives the development
  - 4 SEAC panelists, 5 SKAO members, 1 representative of the SRC Steering Committee (SRCSC), 4 SRCSC self-appointed observers
- Review focused on all aspects of the system
  - Vision and Principles, Operations Concept, **Science Analysis Platform**, Roadmap, **Architecture**, Requirements, Governance, Risks, Resourcing, Costing
- Review was based on documents prepared in advance for the review, and on a ticketing system for registering the questions and comments from the panel



**SKAO** REGIONAL CENTRE NETWORK

**SKA Regional Centres Network (SRCNet) Software Architecture Document**

SRC-000001	Revision 01
Classification:	UNRESTRICTED
Document type:	DDR
Date:	2023-06-01
Status:	RELEASED
Authors:	Salgado, Jesús; Wicenc, Andreas; Goliath, Sharon; Joshi, Rohini; Swinbank, John; Bolton, Rosie; Webster, Brendan; Oonk, Johannes; Grainge, Keith; Sánchez, Susana; Parra, Manuel; Dack, Thomas; Hardcastle, Martin; Barbosa, Domingos; Llopis, Pablo; Fabbro, Sébastien; Beswick, Robert; Villote, Jean-Pierre; Breen, Shari; Yates, Jeremy; Grange, Yan; Gaudet, Séverin; An, Tao; Possenti, Andrea; Darriba, Laura; Holanda, Victor; Mendoza, Mariangeles; Galluzzi, Vincenzo; Svedberg, Thomas; Lee-Waddell, Karen; Vitlaci, Dejan;



**SRC | Net**

**SKAO** Regional Centre Network

**SRCNet Top-Level Roadmap**

SRC-000002	Revision 01
Classification:	UNRESTRICTED
Document type:	PLN
Date:	2023-08-21
Status:	RELEASED
Authors:	Salgado, Jesús; Bolton, Rosie; Swinbank, John; Joshi, Rohini; Sánchez, Susana; Villote, Jean-Pierre; Gaudet, Séverin; Yates, Jeremy; Barbosa, Domingos; Taffoni, Giuliano; Frank, Bradley;

# Review results - September

- SEAC was critical about the progress of the development of “the last mile” of the system
- From its perspective, the SRCNet development is far behind the development of the rest of the instrument
- SRCNet is necessary to work with SKAO data and needs to be operational by 2026 – 2027
  - No SRCNet, No SKA data
- Recommendations (among others)
  - There should be an entity to manage, oversee and prioritize the development; A project manager should be appointed
  - The immediate focus should be on the development of a Minimum Viable Product
  - Fractional FTEs should be > 50%
  - A CoDR should be organized in Summer

# What happened since Sept 2023

- The Council reviewed the recommendations but wasn't convinced about deciding the way forward on the spot
- A ~10 pages document is being drafted for a special council meeting to approve that way forward
- The SRCSC is debating what should be in this document; positions are quite antagonistic
  - Getting things done vs. careful (scalable) design
  - MVP has very limited functionality
  - Who has the lead? The countries or SKAO?
- The development of the SRCNet is moving on, but (too?) slowly
- Issues:
  - Can a CoDR happening in Summer?
  - Can the necessary resources will be effective in time (by 2025)?