



Netherlands Institute for Radio Astronomy



Objectives JumpingJIVE WP4



- Assessment of possible merits and pitfalls of closer operational alignment of JIVE and ILT, and possibly their merging into one ERIC
 - Can cooperative procedures and governance be optimized for long-term sustainability?

- DELIVER: discussion document for JIVE and ILT governing bodies and stakeholders
 - Possible follow-up outside the scope of this WP

Background (1) JIVE (and EVN)





Background (2) ILT





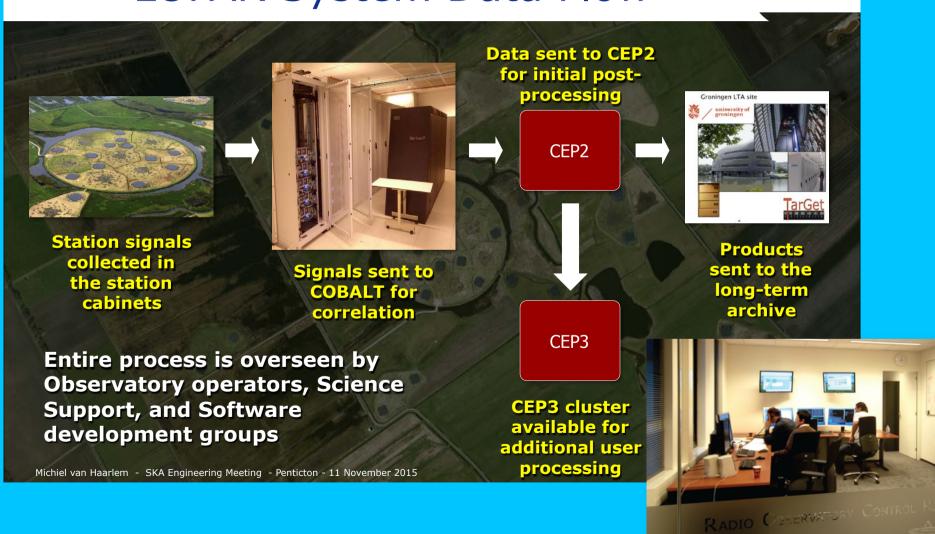
Background (3) ILT





LOFAR System Data Flow

ASTRON



Background (4) JIVE and ILT



- There appear to be significant scientific & organizational similarities between JIVE and ILT:
 - A distributed international "telescope" network is correlated at a central facility
 - There is a central organization for
 - Data curation
 - Quality control
 - Long-term archive
 - User interfaces & support
 - Development support

One task Two assessment studies



- Evaluate overlaps/similarities as well as differences
- Start from description of current status
- Assess how changing internal and external circumstances (national, European, and international) may alter the respective positions of JIVE and ILT in the next decade
 - Discuss associated opportunities, challenges, and risks
- Study possible advantages and risks that specific collaborations between JIVE and ILT would entail
 - including a full merger into a combined ERIC

First document: Operational model



Describe current modus operandi of JIVE and ILT

- Explore likely evolution and enhancement paths
 - Required to stay abreast of expanding technological capabilities as well as growing scientific end-user needs, particularly within the European landscape
- Analyze advantages and risks in bringing operational models and technological efforts more closely into alignment

Second document: Governance model (1)



- Describe current governance and partnerships
- Explore plausible national, European, and international developments in the next decade w.r.t. funding and collaboration on operating large-scale research facilities in radio astronomy
 - Keeping ESFRI priorities in mind
- Assess possible places and roles of JIVE and ILT in light of these possible evolutions of research infrastructures

Second document: Governance model (2)



- Analyze possible advantages, risks, and challenges, of aligning governance and financing models, including discussion of a full merger scenario
 - Take into account the substantially overlapping membership of JIVE and ILT, and ambitions of both organizations to grow (in part) by acquiring new partners

Methodology



- Preparatory paper studies by policy officer(s)
 - Call upon services of external technical and legal/ financial experts as needed for thorough assessments
- Several intensive meeting sessions or workshops
 - First meet with relevant operational & management staff
 - Then include representatives of governing bodies
 - Finally invite review by experts from similar European or international (prospective) partner facilities
 - May invite relevant EC experts to share their insight

Deliverables



- D4.1: Month 16
 - Workshop(s)s with board representatives discussing position papers
- D4.2: Month 30
 - Broader-scoped workshop(s) with external experts
- D4.3: Month 35
 - Final documents presented and discussed in JIVE Council and ILT Board

Who will be doing the work was



Policy Officers:

- Rob van der Meer (European collaboration / policy officer @ASTRON)
- N.N. (new hire: Policy / project officer @ ASTRON)
- Paco Colomer (Policy Officer @JIVE)

Directors:

- René Vermeulen (Director ILT and European Radio Facilities Office @ASTRON)
- Huib van Langevelde (Director JIVE)



