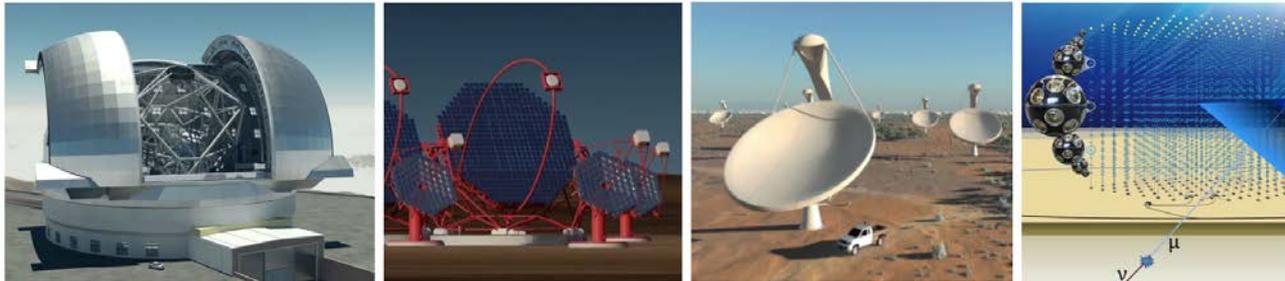


Large and small collaborations: two examples



SS1 – European Forum of Astronomical
Communities in the New Member States

Rob van der Meer – ASTRON, NL

H2020 projects

EC wants and facilitates researchers to collaborate

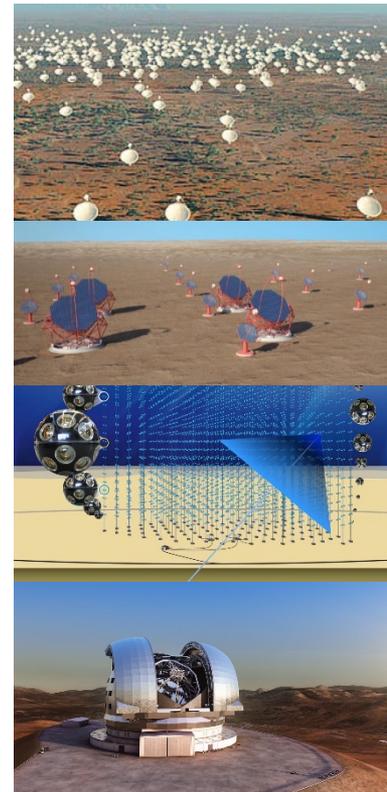
- **ASTERICS**
 - 26 partners
 - INFRADEV, 15 M€
 - May 2015 – 2019, 4 years,
- **BALTICS**
 - 3 partners
 - TWINNING, 1 M€
 - Jan 2016 – 2019, 3 years

ASTERICS

Astronomy ESFRI and Research Infrastructure Cluster

H2020 project, May 2015 – 2019, INFRADEV

- Single collaborative cluster
- Next generation ESFRI telescope facilities
SKA, CTA, KM3NeT, ELT, (EST)
- Astronomy, astro(particle)physics
- Facilitate researchers to work together
on a large scale on mutual challenges



Bringing together people

- Developing (VO) tools together
- Interoperability
- Re-use of software
- Data handling
- Benchmarking
- Citizen Science Experiments, engaging with society at large.
- Alert protocols and mechanisms

Interaction:

- Schools
- Forums
- Trainings
- Workshops

ASTERICS Partners (26)



- Project partners in 6 European countries; NL,UK,FR,DE,IT,ES
- Astron Coordinator
- No Eastern European partners
- Students from other regions welcome at schools
- Developers welcome

BALTICS

Building on Advanced Lofar Technology for Innovation,
Collaboration, and Sustainability

H2020 project, Jan 2016 – 2019, TWINNING

Address networking gaps and deficiencies between the

- research institutions of low performing Member States and regions
- internationally-leading counterparts at EU level.

Subject:

- LOFAR related radio astronomy and technology.

BALTICS work

From the call:

Driven by the quest for **excellence**, research-intensive institutions tend to collaborate increasingly in closed groups, producing a **crowding-out** effect for a large number of promising organisations.

The Twinning actions should overcome this.

Schools, trainings, internship visits (one month)

BALTICS results

Newly educated groups

Extension of networks

Money granted to build and run a LOFAR station in Latvia

Partners

Project partners in 3 European countries;
LV, NL, UK

Ventspils Augstskola – Coordinator

One Eastern European partner

Summary

ASTERICS

example where the existing network with excellent partners started the project. During the project new member states are welcome, but will not become partner.

BALTICS

good example of integration of both sides.