



European Radio Astronomy Consortium

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RadioNet – EC-Projects



Groundbreaking technological developments and open access to Europe's leading radio astronomy infrastructures

- 5.6 years of continuous observations
- 44% new users
- 33% female PIs
- 180+ conferences (1/month)
- 170+ schools (10/yr), 5,000+ trainees
- 530+ scientific publications (3/month)

➔ RadioNet brought the community together

© EHT 2019





- 2000 – 2020 EC projects
- Since 2021 Consortium (MoU)
- 25+ partners: including 2 ERICs (JIVE & LOFAR), 2 IGO (ESO & SKAO/ESFRI)
 - World-class radio astronomy RI: networks EVN, ALMA, LOFAR, e-MERLIN, NOEMA, and single dishes Effelsberg, Pico Veleta, APEX, SRT
 - Universities, Laboratories and Users
- Addressing the technological needs
- Securing the new generation of users
- Representing European Radio Astronomy with One Voice



Max-Planck-Institut
für Radioastronomie

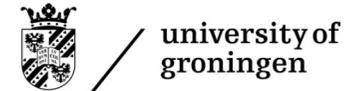


ASTRON

Netherlands Institute for Radio Astronomy

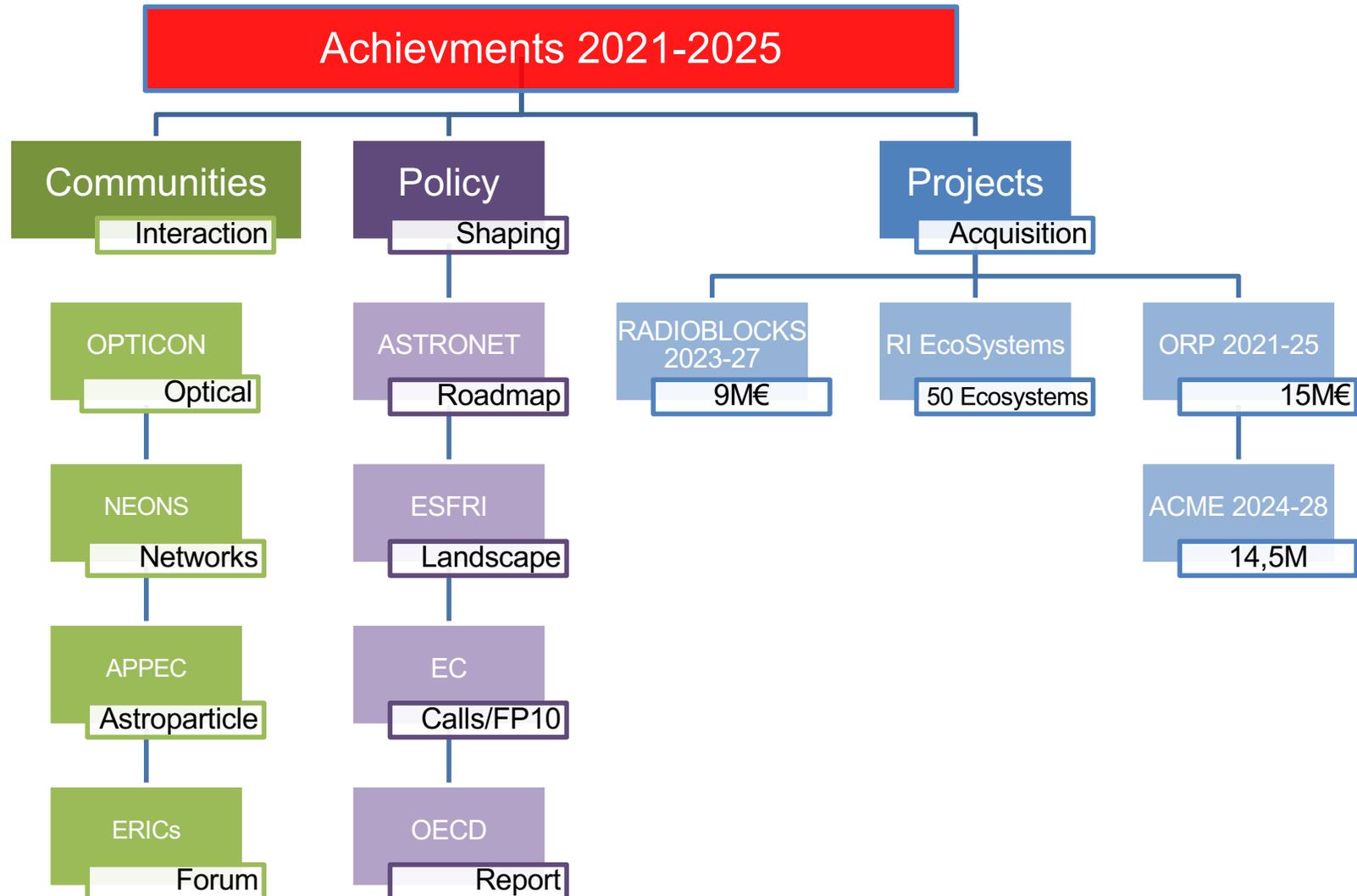


The University of Manchester





- Connecting
 - Representing
 - Training
 - Innovating
- 



HORIZON-INFRA-2026-DEV-01-02

	ASTRONOMY, ASTROPARTICLE PHYSICS AND SPACE SCIENCES	NUCLEAR AND PARTICLE PHYSICS	ANALYTICAL PHYSICS
ESFRI Landscape Analysis Report 2024			
ESFRI/ ERICS	ELT, SKAO, CTAO ERIC, KM3NeT 2.0, LOFAR ERIC, JIVE ERIC	HL-LHC, ELI ERIC, <u>EuPRAXIA</u>, SPIRAL2, FAIR, ESS ERIC, ILL	ESRF EBS, ESS ERIC, European XFEL, ILL, EMFL, ELI ERIC, CERIC ERIC
Networks	ASTRONET APPEC RadioNet OPTICON Europlanet SOLARNET NeoNs <u>etc</u>	<u>NuPECC</u> ECFA	LEAPS LENS <u>Laserlab-Europe</u> ESTEEM3 e-DREAM RADIATE <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;">ARIE</div>
TA projects	RadioNet, OPTICON, ORP, Europlanet, <u>AHEAD</u> , <u>ChETEC</u> , SOLARNET, ACME,

Opportunity for alignment

Cohesive Subdomain

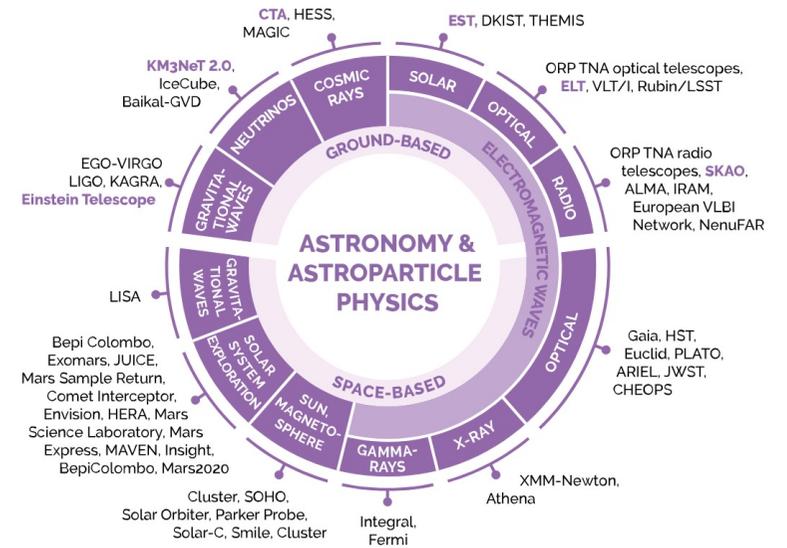
HORIZON-INFRA-2026-DEV-01-02- Task

Bringing Together:

- Funding Agencies: ASTRONET, APPEC
- RI Communities & TA Projects: RadioNet, Europlanet, SOLARNET, OPTICON, & ACME, ChETEC, AHEAD, ORP...
- User Communities: EAS, ESO...

Goal → Drive a cohesive subdomain – aligned, collaborative, and ready to address future challenges.

Why → Tackle emerging scientific & technical challenges efficiently (e.g. one-stop-shop)





Vielen Dank!

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