Advanced Radio Astronomy in Europe

Fact Sheet

<table>
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<tr>
<th>Project Information</th>
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<td>RadioNet</td>
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<tr>
<td>Grant agreement ID: 730562</td>
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<td>Project website [🔗]</td>
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<td>Status</td>
<td>Ongoing project</td>
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<tr>
<td>Start date</td>
<td>End date</td>
</tr>
<tr>
<td>1 January 2017</td>
<td>31 December 2020</td>
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<td>H2020-EU.1.4.1.2.</td>
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<td>Overall budget</td>
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<tr>
<td>€ 10 525 573,13</td>
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<td>EU contribution</td>
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<td>€ 10 000 000</td>
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<tr>
<td>Coordinated by</td>
</tr>
<tr>
<td>MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN EV</td>
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<tr>
<td>Germany</td>
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Objective

RadioNet is a consortium of 27 institutions in Europe, Republic of Korea and South Africa, integrating at European level world-class infrastructures for research in radio astronomy. These include radio telescopes, telescope arrays, data archives and the globally operating European Network for Very Long Baseline Interferometry (EVN). RadioNet is de facto widely regarded to represent the interests of radio astronomy in Europe.

A comprehensive, innovative and ambitious suite of actions is proposed that fosters a sustainable research environment. Building on national investments and commitments to operate these facilities, this specific EC program leverages the capabilities on a European scale.
The proposed actions include:

- Merit-based trans-national access to the RadioNet facilities for European and for the first time also for third country users; and integrated and professional user support that fosters continued widening of the community of users.

- Innovative R&D, substantially enhancing the RadioNet facilities and taking leaps forward towards harmonization, efficiency and quality of exploitation at lower overall cost; development and delivery of prototypes of specialized hardware, ready for production in SME industries.

- Comprehensive networking measures for training, scientific exchange, industry cooperation, dissemination of scientific and technical results; and policy development to ensure long-term sustainability of excellence for European radio astronomy.

RadioNet is relevant now, it enables cutting-edge science, top-level R&D and excellent training for its European facilities; with the Atacama Large Millimetre Array (ALMA) and the ESFRI-listed Square Kilometre Array (SKA) defined as global radio telescopes, RadioNet assures that European radio astronomy maintains its leading role into the era of these next-generation facilities by involving scientists and engineers in the scientific use and innovation of the outstanding European facilities.

**Field of science**

/natural sciences/physical sciences/astronomy/observational astronomy/radio astronomy

**Programme(s)**

**Topic(s)**

**Call for proposal**

H2020-INFRAIA-2016-1

**Funding Scheme**
## Funding Scheme

**RIA - Research and Innovation action**

### Coordinator

**MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN EV**

<table>
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<th>Activity type</th>
<th>EU contribution</th>
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<tr>
<td>Research Organisations</td>
<td>€ 3 162 198,75</td>
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**Address**

Hofgartenstrasse 8  
80539 Muenchen  
Germany

Contact the organisation [here](#)

### Participants (26)

**STICHTING NEDERLANDSE WETENSCHAPPELIJK ONDERZOEK INSTITUTEN**

**Netherlands**

<table>
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<th>Activity type</th>
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<tr>
<td>Research Organisations</td>
<td>€ 847 204</td>
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**Address**

Winthontlaan 2  
3526 KV Utrecht

Website [here](#)  
Contact the organisation [here](#)

**INSTITUT DE RADIO ASTRONOMIE MILLIMETRIQUE SOCIETE CIVILE**

**France**

<table>
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<tr>
<th>Activity type</th>
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<tr>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
<td>€ 1 059 375</td>
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**Address**

Rue De La Piscine 300  
Domaine Universitaire  
38400 Saint Martin D'heres

Website [here](#)  
Contact the organisation [here](#)

**ISTITUTO NAZIONALE DI ASTROFISICA**

**Italy**

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<td>€ 385 377</td>
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Contact the organisation [here](#)
JOINT INSTITUTE FOR VERY LONG BASELINE INTERFEROMETRY AS A EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM (JIV-ERIC)

**Netherlands**

**EU contribution**

€ 1 339 581,75

**Address**

Oude Hoogeveensedijk 4
7991 PD Dwingeloo

**Activity type**

Research Organisations

**Website**

Contact the organisation

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THE UNIVERSITY OF MANCHESTER

**United Kingdom**

**EU contribution**

€ 710 898,25

**Address**

Oxford Road
M13 9PL Manchester

**Activity type**

Higher or Secondary Education Establishments

**Website**

Contact the organisation

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CHALMERS TEKNISKA HOEGSKOLA AB

**Sweden**

**EU contribution**

€ 838 813,50

**Address**

- 41296 Goeteborg

**Activity type**

Higher or Secondary Education Establishments

**Website**

Contact the organisation

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UNITED KINGDOM RESEARCH AND INNOVATION

**United Kingdom**

**EU contribution**

€ 0

**Address**

Polaris House North Star

**Activity type**

Research Organisations
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<td>OBSERVATOIRE DE PARIS</td>
<td>France</td>
<td>€ 100 000</td>
<td>Avenue De L Observatoire 61 75014 Paris</td>
<td>Higher or Secondary Education Establishments</td>
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<td>THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD</td>
<td>United Kingdom</td>
<td>€ 135 000</td>
<td>Wellington Square University Offices OX1 2JD Oxford</td>
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<td>UNIVERSIDAD DE ALCALA</td>
<td>Spain</td>
<td>€ 484 127</td>
<td>Plaza De San Diego 28801 Alcala De Henares/madrid</td>
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<td>EUROPEAN SOUTHERN OBSERVATORY - ESO EUROPEAN ORGANISATION FOR ASTRONOMICAL RESEARCH IN THE SOUTHERN HEMISPHERE</td>
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FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

Germany

EU contribution

€ 200 000

Address

Hansastrasse 27C
80686 Munchen

Activity type

Research Organisations

Website

Contact the organisation

RIJKSUNIVERSITEIT GRONINGEN

Netherlands

EU contribution

€ 170 000

Address

Broerstraat 5
9712CP Groningen

Activity type

Higher or Secondary Education Establishments

Website

Contact the organisation

DUBLIN INSTITUTE FOR ADVANCED STUDIES

Ireland

EU contribution

€ 111 493,75

Address

Burlington Road 10
4 Dublin

Activity type

Higher or Secondary Education Establishments

Website

Contact the organisation

STICHTING INTERNATIONAL LOFAR TELESCOPE

Netherlands

EU contribution

€ 76 928

Address

Oude Hoogeveensedijk 4

Activity type

Research Organisations

Website

Contact the organisation
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<td>Poland</td>
<td>€ 43 001</td>
<td>Ul. Jurija Gagarina 11, 87100 Torun</td>
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<td>UNIVERSITAET ZU KOELN</td>
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<td>VENTSPILS AUGSTSKOLA</td>
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<td>AALTO KORKEAKOULUSAATIO SR</td>
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<td>€ 43 001</td>
<td>Otakaari 1, 02150 Espoo</td>
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<td>THE PROVOST, FELLOWS, FOUNDATION SCHOLARS &amp; THE OTHER MEMBERS OF BOARD OF</td>
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<td>€ 0</td>
<td>College Green 2 Dublin</td>
<td>Higher or Secondary Education Establishments</td>
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<td>THE COLLEGE OF THE HOLY &amp; UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN</td>
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<tr>
<td>KOREA ASTRONOMY AND SPACE SCIENCE INSTITUTE</td>
<td>South Korea</td>
<td>€ 0</td>
<td>Whaam Dong 61-1 Yuseong Gu 305 348 Daejoen</td>
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<td>Yliopistonmaki 20014 Turku</td>
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<td>UNIVERSITE DE BORDEAUX</td>
<td>France</td>
<td>€ 0</td>
<td>Place Pey Berland 35 33000 Bordeaux</td>
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<td>TECHNISCHE UNIVERSITEIT DELFT</td>
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<td>DEPARTMENT OF SCIENCE AND INNOVATION</td>
<td>South Africa</td>
<td>€ 0</td>
<td>Meiring Naude Road 53 Csir Campus 0001 Brummeria</td>
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**Last update:** 3 July 2020  
**Record number:** 207426

**Permalink:** [https://cordis.europa.eu/project/id/730562/](https://cordis.europa.eu/project/id/730562/)

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