THE TA SCHEME
The ARIES project offers support to access 14 accelerator testing facilities across 5 European countries.

TESTING OFFERED
- Material testing
- Magnet testing
- Electron & proton beam testing
- Radiofrequency testing
- Plasma beam testing

SUPPORT OFFERED
Project members may be reimbursed for travel and accommodation and will be provided with technical and administrative support during their period of access.

ELIGIBILITY
Access can be provided to selected teams comprised of one or more researchers led by a User Group Leader. Leaders and the majority of users in the group must work in a country other than where the selected installation is located, except when accessing an international organisation or to remote users.

PUBLICATIONS
User groups must disseminate their results and acknowledge the ARIES project accordingly.

HOW TO APPLY
User Group Leaders are invited to contact the Facility Coordinator of their chosen installation prior to completing a formal application. Further information, including contact details, can be found on the ARIES website.

HTTP://ARIES.WEB.CERN.CH
### Electron and Proton Beam Testing

**ANKA @ KIT GERMANY**  
ANKA offers users a large electron range between 0.5–2.5 GeV.

**FLUTE @ KIT GERMANY**  
This linac offers electron energies of 7 MeV and 40–50 MeV.

**IPHI @ CEA FRANCE**  
The high-intensity proton injector offers a beamline of 5 MeV.

**SINBAD @ DESY GERMANY**  
This linac will offer ultra short electron beams, up to 100 MeV.

**VELA @ STFC UNITED KINGDOM**  
VELA offers the ability to tailor the beam, set-up & shielding.

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### Magnet Testing

**GERSEMI @ FREIA SWEDEN**  
Gersemi is a vertical cryostat for device characterization with liquid helium.

**MAGNET @ CERN SWITZERLAND**  
MagNet offers horizontal & vertical test benches, liquid helium & nitrogen cooling.

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### Plasma Beam Testing

**APOLLON @ LULI FRANCE**  
APOLLON is a multi-PW facility offering coupling of up to four beams. The facility will be open to users in 2018.

**LULAL @ ULUND SWEDEN**  

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### Material Testing

**HIRADMAT @ CERN SWITZERLAND**  
HiRadMat offers a 440 GeV proton beam & heavy ion beams up to 21 kJ.

**UNILAC @ GSI GERMANY**  
The UNILAC M-branch features 3 ion beam lines & various analysis techniques.

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### Radiofrequency Testing

**HNOSS @ FREIA SWEDEN**  
A horizontal cryostat, where users can characterize 1-2 cavities at a time.

**XBOX @ CERN SWITZERLAND**  
Klystron-based X-band test stands test high-gradient & high-power structures.

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For further details about the specific capabilities of each facility, the contact details for each Facility Coordinator, and information on how to apply, please visit the ARIES website.