Benefits
Supporting Labshare will bring substantial benefits to both your organisation and to education of Australian students.

For students:
By providing enhanced access to innovative laboratory apparatus, Labshare is improving the practical education of students across the Science, Technology, and Engineering disciplines.
Research has shown that students respond quite differently to the use of real physical equipment than to other options such as simulations. Knowing that they are using real apparatus, students are much more likely to be engaged and enthused.

For your organisation:
Apart from knowing that you are helping to educate the next generation of professionals, and attracting more students into relevant disciplines, you can expect:
- National exposure within every school and every university within Australia
- Association with a highly innovative and energetic program
- Access to substantial expertise and rapidly advancing technologies

Nature of support
Your support can take the form of financial sponsorship and/or in-kind contributions of equipment, infrastructure or other forms of support. Labshare would welcome the opportunity to discuss with you options that would suit your organisation.

For more information:
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Contact: info@labshare.edu.au

Sponsorship with national visibility!
Be involved with the world’s leading Remote Laboratory Facilities!
What are remote laboratories?
Teaching laboratories are crucial to the strength of many educational programs. Despite this we often see the equipment in one organisation sitting idle whilst another organisation struggles to fund their own purchase of the same vital equipment. Despite this there is almost no sharing of facilities between organisations or across sectors. The use of remote laboratories provides clear mechanisms for addressing this challenge.

Traditional engineering laboratories require students to be physically present in order to interact with equipment, limiting both student flexibility and sharing of facilities. Remote laboratories however allow students to use the internet to remotely access physical laboratory equipment that is located elsewhere. The interaction is supported by using sensors, cameras and actuators so that the equipment can be monitored and controlled. Students are still carrying out experiments using real equipment, but with much greater flexibility - the access can occur from anywhere and at anytime.

Remote access enables equipment (and lessons and expertise) to be shared between many organisations, supporting enormously more students. It also becomes possible to move the equipment out of the laboratory and embed it into real-world contexts. Consider, for example, consider students accessing a set of sensors on a traffic bridge, monitoring the strains on the bridge members as traffic crosses the bridge in real-time.

The Labshare Institute
The Labshare Institute is a not-for-profit organisation that was established with the objective of encouraging the sharing of laboratory infrastructure amongst any partner that wishes to join. Labshare provides a range of services, including: managing a broad-based catalogue of laboratories and associated educational resources; brokering access to the remote laboratories shared by other institutions; negotiation of sharing agreements; handling of access management; support for ongoing technical development; and a range of other services. Labshare is funded through a combination of grants, partner and member fees, donations and philanthropic support.

Existing Remote Laboratory Facilities
Labshare partner institutions have been innovating in remote laboratories for more than a decade and currently support a rich range of remote laboratory facilities, including the world’s leading remote laboratory centre at UTS, and numerous other remotely accessible labs across Australia. These collectively support students not only at their own host institution but shared across the whole Australian education sector.

Labshare is also working with high schools and State Departments of Education to support improved secondary school access to science laboratories, and working with numerous universities to enhance access to teaching and research laboratories. We have played a key role in the recent establishment of an international consortium aimed at ensuring ongoing development and standardisation of systems interoperability.

The opportunity?
Opportunities now exist for organizations to gain national and international exposure through involvement with this highly innovative initiative.
- Participate in the most exciting contemporary developments in laboratory education.
- Position your organisation as an innovator in the rapidly growing area of e-learning.
- Enhance your inhouse training programmes.
- Have your contribution prominently recognised through the Labshare website and physical hub, and gain national exposure with your sponsored lab visible to every university and school student in Australia and beyond.

There are a range of ways in which you can become involved in Labshare:

Sponsor a lab using your own equipment
Where you have equipment that is relevant to a possible laboratory, it is possible to sponsor the development of a remote laboratory using that equipment. This can then be made available to all university and/or secondary school students within Australia, providing an opportunity for national exposure for your systems. Such a lab could either be hosted by a Labshare Partner or by the industry partner, and could be used for both commercial and educational purposes.

Sponsorship of a general lab developed by Labshare
Whilst Labshare already supports numerous labs, there is a substantial list of additional labs that are planned, and we are seeking sponsorship to support the development of these labs, which would subsequently be made available nationally. The Lab can be branded appropriately (e.g. the YourCompany/Labshare Wind Power Laboratory).

Sponsorship of a schools or TAFE outreach program
Labshare is not just developing laboratories for university programs. We are also promoting a greater interest in science, engineering and technology by secondary school and TAFE students. We are seeking industry support in expanding the offering of laboratory facilities to these sectors.

Support for monitoring or control access to industry-based system
In many cases, industry will have processes or systems which can support live monitoring – thereby providing students with a rich real-time data stream that can be captured by students and used for experimental analysis. We are keen to partner with companies that can support such access (e.g. the YourCompany/Labshare bridge monitoring lab).

Research collaborations and provision of research scholarships
Labshare is actively researching a range of technical, educational and operational issues associated with the use of remote access to equipment. We are keen to discuss possible research collaborations or support.

Event sponsorship
Industry exposure can be achieved through sponsorship of workshops or other events – including those targeting higher education, TAFE, secondary schools, and/or industry.

Sponsorship can give you national exposure as part of program that is actively improving practical science and engineering education.
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“It’s so exciting getting to use new high-tech experiments that otherwise wouldn’t be available”
Student quote

Who could use your sponsored lab? 1.5 million secondary school students and 350,000 university students in lab-based programs!

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