

About AMIRA International

AMIRA International is an association of the world's minerals companies and their suppliers. We develop, broker and facilitate collaborative research projects that will strengthen our members' businesses. We coordinate research projects suggested by members and also bring to them new opportunities identified by researchers. We currently have about US\$50 million of member-supported research projects in our portfolio.

We do this by:

- Maintaining the world's biggest network of quality research providers
- Identifying R&D opportunities anywhere in the world that may hold value for member companies
- Developing project proposals to seize these opportunities
- Generating funding support for this research through member sponsorships so that no single member needs to bear the full cost
- Pursuing other forms of support (grants etc)
- Overseeing these projects so that members gain the expected benefits
- Supporting research infrastructure
- Providing a forum where industry R&D specialists can network

Fields of research include:

Geoscience

Mine Engineering

Mineral Processing

Extractive Metallurgy

Sustainability

Multidisciplinary research covering more than one of the above areas

Using this service our members are able to concentrate their research resources on the core projects that are critical to their competitive success while we give them access to the best technology in other fields at reduced cost and risk. It also keeps them plugged into vital industry information networks.



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Make the
most of your
company's
membership
of AMIRA
International



Your company's membership of AMIRA International opens the door to a wide range of opportunities

These include:

- **The ability for you to cut research costs.** Through collaborative research you get access to all the IP at a fraction of the cost and risk.
- **Access to the world's biggest research talent-bank.** AMIRA has regular involvement with 48 leading research institutions across five continents. Whatever expertise you need, AMIRA will know where to locate it and how to harness it.
- **Research management made easy.** AMIRA has over 45 years of success as the industry-owned partner of choice for collaborative research. AMIRA has developed proven protocols and systems to keep you in the loop (now including on-line real time access) while freeing you from much of the administrative burden. You can focus on the results, not the organisation of the research.
- **An unrivalled network.** With 66 members (including 20 of the top 25 companies by market capitalisation) and a global network of researchers AMIRA gatherings are the meeting place for the world's mineral research community - the point where ideas are explored and information is exchanged. It is a key vehicle for keeping abreast of industry research trends and developments and networking with your peers.

Are you using your company's investment – and the professional development opportunities it offers – to the full?

Your questions answered

A recent survey of stakeholders revealed that while there are key people in member companies who are deeply involved with AMIRA, there are many who are not exploiting all the opportunities available.

Could you use AMIRA more? To help you decide, let's consider three concerns that were raised in our stakeholder survey.

1 Bring your problems to us.

Don't wait for us to bring project ideas to you. If there is a field you believe needs work, bring it to us. We will see if there are like-minded members willing to support it. If so, you get your research – with full access to the resulting IP and technology – at a fraction of the cost and risk.

2 What areas are appropriate for collaborative research?

All companies clearly want leading edge technology across the whole range of their operations. Clearly they can't afford to research them all single handed.

How do you decide? Ask this simple question: Is this research something critical, something that will give my company a real competitive advantage? If so, then you might pursue the work internally or contract it as proprietary research. However, this can be expensive and you are carrying the whole risk yourself. It is best reserved for a handful of key projects.

To free up resources (human and financial) for these key projects while still ensuring your company has access to technological advances across a wide range of fields, you may choose to conduct other research collaboratively through AMIRA.

A great deal of research – probably most – is not directly competitive (the competitive element is more commonly in the way it is applied). If it isn't, then share the cost with the industry; your pooled efforts will achieve better results at lower cost.

3 My problems are site specific.

Most problems in the minerals industry are site specific, but the research paths and the technology needed to address them usually have wider application. Discuss the problems with an AMIRA Research Director. You may find there are already key researchers working in this area. In addition, many projects have the option for you to include site specific research as part of your involvement.