



bhpbilliton

resourcing the future

Our Contribution

BHP Billiton in the community

1	Message from the CEO	Case Studies	
2	We are BHP Billiton	12	Economic development
4	Community is important to us	18	Education and training
8	Our approach	26	Environment
		32	Health
		38	Indigenous communities
		44	Disaster relief

This publication outlines our approach to community engagement and contains case studies which demonstrate our contribution to the community. For a full account of our sustainability commitments, standards and performance requirements, please refer to our Sustainability Report by visiting our website at www.bhpbilliton.com.



Our Charter

We are BHP Billiton, a leading global resources company.

Our purpose is to create long-term shareholder value through the discovery, acquisition, development and marketing of natural resources.

Our strategy is to own and operate large, long-life, low-cost, expandable, upstream assets diversified by commodity, geography and market.

Our Values

Sustainability

Putting health and safety first, being environmentally responsible and supporting our communities.

Integrity

Doing what is right and doing what we say we will do.

Respect

Embracing openness, trust, teamwork, diversity and relationships that are mutually beneficial.

Performance

Achieving superior business results by stretching our capabilities.

Simplicity

Focusing our efforts on the things that matter most.

Accountability

Defining and accepting responsibility and delivering on our commitments.

We are successful when:

Our people start each day with a sense of purpose and end the day with a sense of accomplishment.

Our communities, customers and suppliers value their relationships with us.

Our asset portfolio is world-class and sustainably developed.

Our operational discipline and financial strength enables our future growth.

Our shareholders receive a superior return on their investment.

Andrew Mackenzie
Chief Executive Officer



Our Contribution

We believe that in addition to operating a responsible and ethical company, we can make a broader contribution to the communities in which we operate. We are committed to achieving this through engagement and advocacy on important issues and by supporting development based on the needs of communities. Our contribution helps to build stronger societies and create a sustainable future.

I am delighted to share with you a snapshot of our community investment activities.

As one of the world's leading global resources companies, we operate in many communities around the world. We seek to create and contribute a lasting benefit to these communities and work hard to foster meaningful relationships.

We support local economies through employment, infrastructure development, taxes and royalties, as well as purchasing local goods and services. By supplying commodities to developing countries, we also support economic development to help improve standards of living.

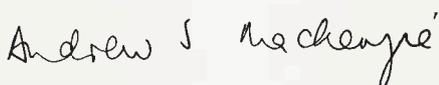
We recognise our operations, by their very nature, affect the environment and the communities where we operate. We work in partnership with our host communities to identify the best way we can minimise any negative impacts and contribute to create a lasting benefit. Our commitment sees us working on the ground on a range of activities, including health, educational and conservation programs.

Our BHP Billiton Charter value of Sustainability underpins our approach and ensures we put health and safety first, we are environmentally responsible and we give long-term support to our communities. We are successful when our communities value their relationships with us as we deliver shareholder value.

This Community Review outlines our approach to community investment and highlights how we contribute to our communities through economic development, education and training, environment, health, Indigenous communities and disaster relief. The Review is separate from our annual Sustainability Report, which provides details on our sustainability commitments, standards and performance requirements.

I thank our people for the valuable contribution they make every day. I also thank the communities where we operate for their ongoing partnership and support, which will always be central to our success.

We look forward to continuing our partnerships with host communities to leave a lasting, positive impact into the future.



Andrew Mackenzie
Chief Executive Officer

June 2014



We are BHP Billiton

BHP Billiton is a leading global resources company. Every day our people develop and take to market many of the world's natural resources.

Headquartered in Australia, with operations in 141 locations all over the world, we are among the largest producers of major commodities, including iron ore, metallurgical and energy coal, conventional and unconventional oil and gas, copper, aluminium, manganese, uranium, nickel and silver.

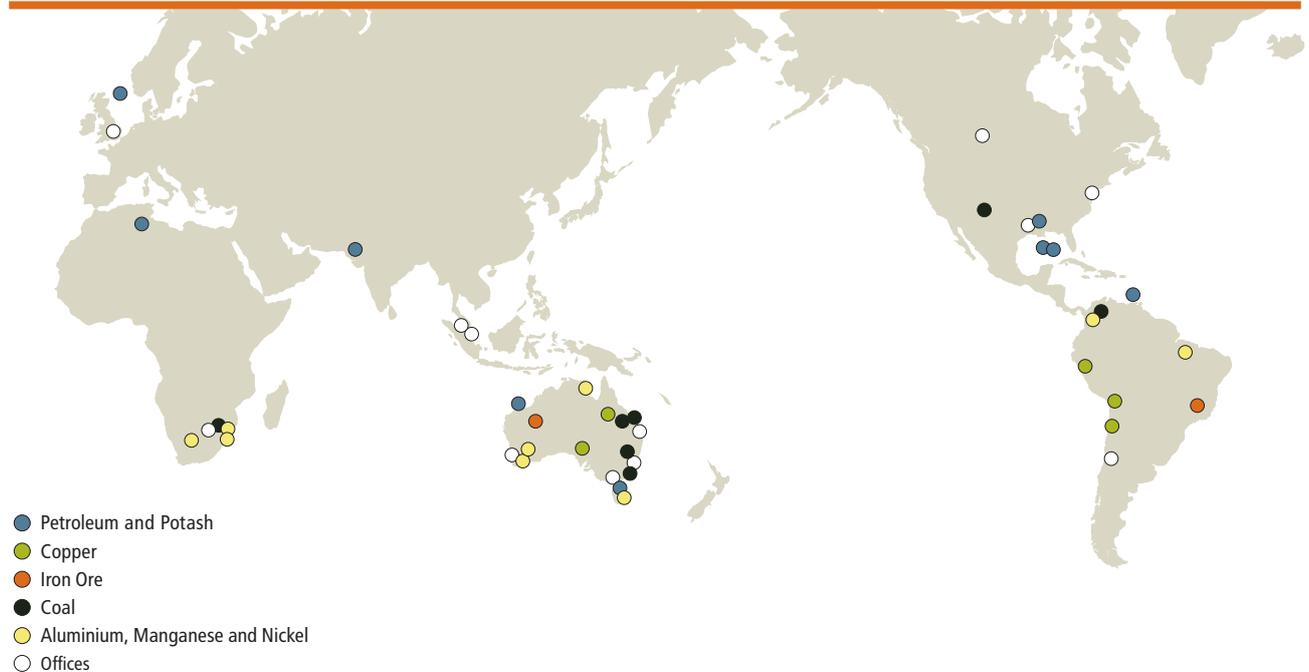
Our diversified portfolio and the quality of our assets set us apart from our peers. We are committed to a long-term strategy of owning and operating large, long-life, low-cost, expandable and upstream assets diversified by commodity, geography and market. This strategy has served our Company, our shareholders and our stakeholders well for many years.

While we have a long history of business success and growth, we never take it for granted. We have strong governance processes in place; high standards of ethical and responsible behaviour; and are an active contributor to societal development.

We care as much about how results are achieved as we do about the results themselves. Ensuring our integrity and complying with anti-corruption laws is the starting point for everything we do – doing what is right and doing what we say we will do. Our BHP Billiton *Code of Business Conduct* and specific internal policies prohibit bribery and corruption in all our business dealings regardless of the country or culture within which our people work, and this extends to our community investment.

The long-term nature of our business allows us to build lasting collaborative relationships with our communities. Our size and scope means we can make a meaningful contribution to communities in which we operate while we support the continued development of emerging economies.

BHP Billiton locations





'Not only does the program benefit the individual, they become a role model in their communities. This ripple effect is very powerful and we're incredibly proud to be part of it.'

Jimmy Wilson, President, BHP Billiton Iron Ore

Our partnership with the Australian Indigenous Education Foundation supports scholarships for young Indigenous Australians, helping them to reach their career potential.



'When I watched scientists and environmental experts discover new species in front of my own eyes, I realised the incredible potential of this project to contribute to biodiversity knowledge and protection.'

Ian Rollins, BHP Billiton employee and Bush Blitz volunteer

The Bush Blitz program is a species discovery partnership helping to document hundreds of new flora and fauna, and enhance Australia's biodiversity.

Community is important to us

Our Company supports the health and economic wellbeing of the communities where we operate. We are part of the communities in which we operate and we strive to be a positive and active participant in community life.





The principles of engagement, inclusiveness and participation are at the centre of our community strategy. These principles, together with *Our Charter* values and our commitment to operating with integrity, drive our focus on building strong partnerships. We promote and embody these values in everything we do across all of our Businesses.

For over 150 years, we have been developing and contributing to industry, communities and economies across the globe. Over our long history, we have always been committed to being a valued partner in our host communities.

The long-term nature of our business allows us to build lasting relationships. We design and deliver longer-term strategies and plans, both for our business and in collaboration with communities and governments.

By putting health and safety first, being environmentally responsible and investing in our communities, we are returning the support they offer us and our operations. Through our core business and our community development activities, we help build strong communities where all can benefit.

We are proud of the role we play in enriching people's lives and contributing to the development of the communities in which we operate.

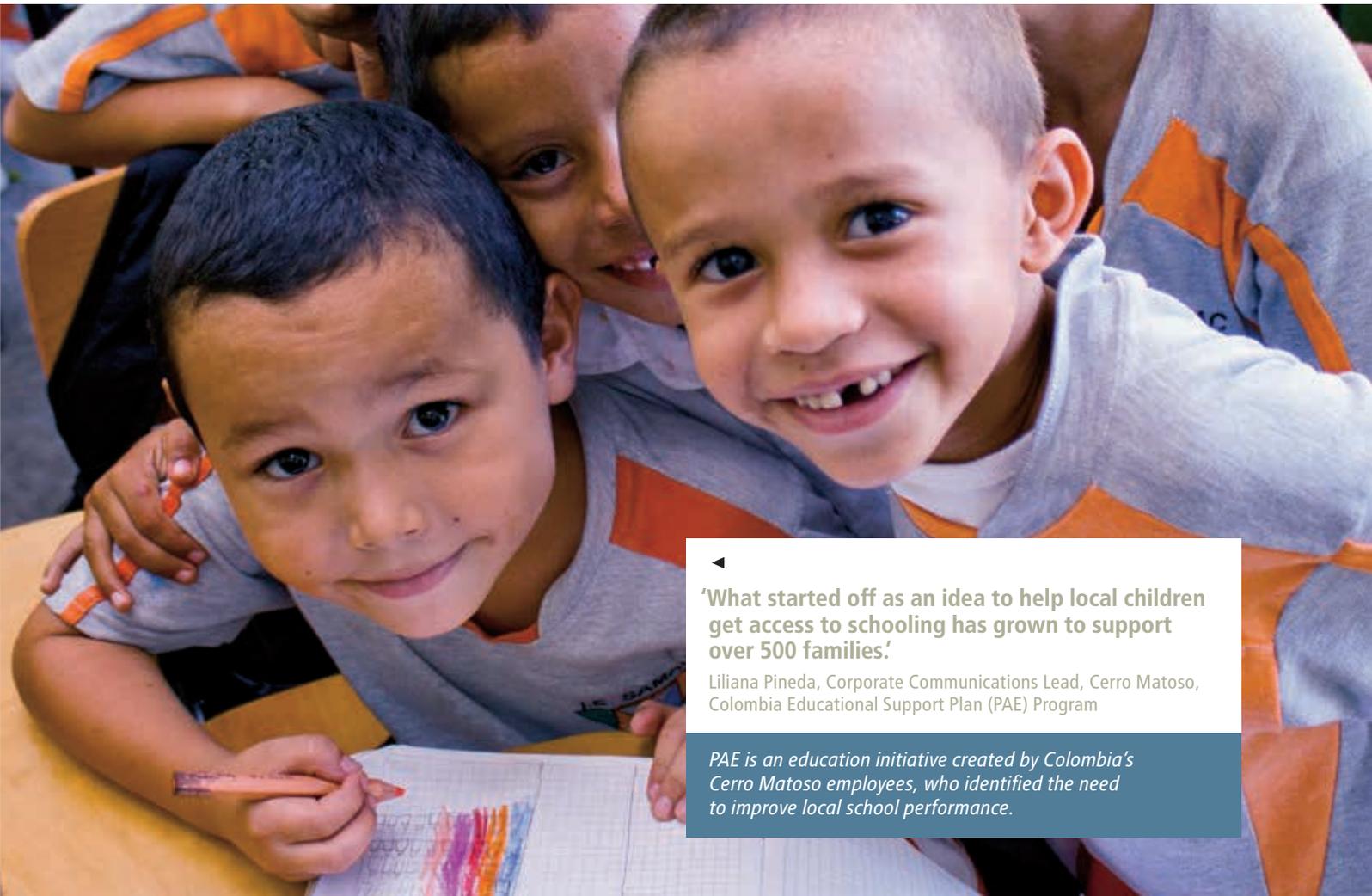


'The Valdivian coastal forest is a global biodiversity hotspot threatened by deforestation risks. The work we are doing here is critical and will contribute to species survival.'

Rodolfo Camacho, Environment and Community Manager, Santiago

The Valdivian Coastal Reserve preserves almost 50,000 hectares of land in Chile, and is supported by a US\$20.1 million donation from BHP Billiton.

© 2012 Nick Hall



◀ **'What started off as an idea to help local children get access to schooling has grown to support over 500 families.'**
Liliana Pineda, Corporate Communications Lead, Cerro Matoso, Colombia Educational Support Plan (PAE) Program

PAE is an education initiative created by Colombia's Cerro Matoso employees, who identified the need to improve local school performance.



◀ **'Access to quality education is so important for the prosperity of a community. Our support is creating economic and social opportunities for Pakistan's young women in Dadu.'**
Humera Malik, Community Development Manager, BHP Billiton Petroleum

The Girls Education Program provides funding for local experts to work with schools in Dadu, Pakistan, to improve enrolments, literacy rates and teacher training.

Our approach

Our Company voluntarily invests one per cent of our pre-tax profit in community programs and projects (calculated on the average of the previous three years' pre-tax profit). During FY2013, our voluntary community investment totalled US\$245.8 million, comprising cash, in-kind support and administrative costs.

We are investing in communities in three ways: locally, through our assets and operations; globally, through our Corporate Charities (BHP Billiton Sustainable Communities and the BHP Billiton Foundation); and through the contribution of our people by matching their time and financial investments in communities.

For social investment to be effective, it must be driven by the needs of the communities, regions and countries where we operate. With that in mind, our programs:

- ▶ are informed by research, which enables us to focus on the needs, priorities and existing resources of each community we operate in;
- ▶ recognise that shared objectives and engagement are central to achieving meaningful outcomes;

- ▶ provide sustainable benefits over the long term, placing emphasis on employment, training, capacity building and local economic development;
- ▶ seek to collaborate with community, government, non-profit organisations and other companies to leverage available resources; and
- ▶ align with partner organisations that share our values and have appropriate skills, expertise and local knowledge.



The Breakfast Club helps provide a good start to the day for Muswellbrook South Public School students, and is supported by our Mount Arthur Coal operations in Australia.





56,000 hours

Our employees volunteered over 56,000 hours of their own time to community activities under our Matched Giving Program in FY2013

1,500 organisations

In FY2013, we supported our employees by matching their donations to more than 1,500 organisations around the world

Local investment tailored to the needs of communities

Most of our social investment is made at the local level in partnership with non-government and community-based organisations. We take a long-term approach to investing in our communities to deliver tangible benefits over time.

While we are a global company, we recognise the importance of addressing local community needs and priorities, the value of local insight and the flexibility required to make a difference on the ground.

Our programs are designed and delivered locally by each of our Businesses, where our community specialists best understand the relationships, operating contexts, community risks, resources and needs.

To make sure we fully understand our communities, we undertake social baseline and impact studies every five years. This information informs our planning and helps direct our efforts to people in our host communities who need it most.

We keep in close communication with our community partners to check the progress of our projects and involve employees where it is possible. We measure effectiveness by assessing the outputs and outcomes at regular intervals during the life of the project.

Global investment: supporting regional and global programs

Our Corporate Charities, the BHP Billiton Foundation and BHP Billiton Sustainable Communities are independent charities established by our company. They support programs that address regional and global issues, with investments focused on health, education and governance. They identify and fund large, long-term, sustainable development projects with a focus on countries and regions of interest to BHP Billiton.

Our Corporate Charities seek out potential partners who have the expertise, capacity and strong track record needed to build and manage large-scale community investments.

Projects are in three broad areas:

Health – promoting improved health and wellbeing by:

- ▶ supporting child and maternal health and nutrition programs, providing potable water and improving sanitation and hygiene practices.

Education – promoting improved economic independence by:

- ▶ working to increase graduation rates and improve employability in disadvantaged populations, supporting projects that seek to increase science, technology, engineering and mathematics education in target communities.

Governance – creating enabling environments by:

- ▶ training and supporting small and medium businesses, and supporting programs that build the capacity of governments and local organisations to improve transparency and accountability, thereby enhancing their ability to operate effectively.

Project proposals are assessed to ensure investments are appropriate, compatible, significant and enduring.



For the past five years, our employees have volunteered their time to work with young soccer players from areas of high social vulnerability in Antofagasta, Chile, at the Impacto Sports Club.





Doubling our commitment

In August 2013, BHP Billiton announced it would increase its matched giving from \$1 to \$2 for every dollar donated by employees

US\$33 million+

donated by employees since 2004

Supporting employees' personal community citizenship

Our employees make a difference to the communities in which they live and work through volunteering their time and making monetary donations. We support and encourage their community contributions by matching their efforts as part of the Matched Giving Program, funded by BHP Billiton Sustainable Communities.

Through the Matched Giving Program, personal donations to charities and community-based organisations are matched and a monetary contribution is made to community organisations in recognition of the hours our employees dedicate to volunteering for them in their personal time. This can include, for example, volunteering for a charity, caring for a foster child, helping officiate or coach sporting teams and participating in blood donation drives.

The Matched Giving Program is flexible, providing employees with an opportunity to support organisations they are passionate about.

During 2013, we improved the Matched Giving Program further to 'double-match' employees' contributions. For each dollar donated by our employees, a further two dollars will be donated to the charity or community organisation.

This makes our Matched Giving Program among the most generous workplace giving programs in the world. Each employee can claim double matching for up to \$50,000 in personal donations to the organisations of their choice each year.

In FY2013, more than 5,700 of our employees participated in the Matched Giving Program, volunteering approximately 57,000 hours of their own time to community activities important to them. Employee contributions benefited more than 1,500 not-for-profit organisations and amounted to US\$7.5 million as part of the program.

Economic development

Creating lasting economic and social benefit for the communities in which we operate lies at the heart of our approach to community investment. Healthy, vibrant communities enable businesses to operate more efficiently, and a thriving economy offers local people the ability to contribute and benefit from various opportunities in the region.

We support programs to provide technical training and job skills to members of our community so they can access employment opportunities, either with BHP Billiton or other businesses. We also provide opportunities to build the capacity of local businesses to supply goods and services to us and to others. By increasing local procurement, we in turn create opportunities for local businesses to grow and diversify.

Case studies

BECSA Business Support Centre (South Africa)

BMA Local Buying Program (Australia)

World-Class Supplier Program (Chile)

Ba-Gaphadima Sand Mine Project (South Africa)

EMPOWER Business Program (Canada)

Turtle Village Trust (Trinidad and Tobago)

The focus of the BECSA Business Support Centre is on sustainable economic development. Participants are offered business skill improvement courses, advice and shared resources to support the growth of small and medium start-up businesses.







Job growth creation through local business support

BECSA Business Support Centre ▶ South Africa

Job creation is a key national priority in South Africa. BECSA Business Support Centre provides mentoring, skill improvement and general business support to local small and medium-sized start-up businesses. Since it started, participating companies have been profitable and created employment.

Supported by our BHP Billiton Energy Coal South Africa (BECSA) Asset, the BECSA Business Support Centre started in 2010 when BECSA appointed Raizcorp, a company specialising in Enterprise Development incubation, to provide mentoring, skill improvement programs, general business support and other assistance to local start-up enterprises.

The centre was created to help South Africa's rate of unemployment, recognising the vital importance of small and medium sized enterprise in sustained economic growth.

The centre provides small and medium start-up businesses with all the tools they require without having to deal with business overheads. Qualifying participants are invited to apply, and after assessment for suitability, 20 are invited to participate in a capacity-building program for a period of two years. Participants are assessed regularly to determine whether they are making improvements in turnover and employment opportunities.

Since implementation, the companies in the incubation program have been able to increase their revenue and create employment opportunities. During the period February 2013 to March 2014, the program's portfolio of companies continued its strong growth, with overall turnover growth at 240 per cent and a total growth in employees at 61 per cent. Participating companies have been profitable and created jobs in a country where job creation is a key national priority. With the support of Raizcorp, participating companies have met the challenges of accessing finance and developing people's skills.

Timing	2010 and is ongoing
Investment	US\$2.5 million over three years

'This initiative is of great value to the local business community in South Africa. With the support of Raizcorp, small and medium businesses like mine can gain the skills and support needed to survive and prosper.'

Minah Zulu, owner of Gladtidings Interiors and BECSA Business Support Centre participant

Boosting business locally

BMA Local Buying Program ▶ Australia

The BMA Local Buying Program, developed by BHP Billiton Mitsubishi Alliance (BMA) in Queensland, Australia, is a collaborative partnership between BMA and the Mackay Whitsunday Isaac Regional Economic Development Corporation (REDC). The program is the first initiative of its kind in the region.

Local business interface, as a part of the BMA Local Buying Program, is supported by C-Res (Community Resourcing for the Future) as a subsidiary of REDC. The program sets out to build local business capacity and capability, which contributes to sustainable economic opportunities for local small businesses.

Goods and services are sourced from businesses in local communities, and a purpose-built website allows local vendors to register and respond to quotes, which BMA considers when planning and purchasing. Funds from the program are invested into business development initiatives to help create more competitive local supply markets and contribute to a stronger regional economy.

As of March 2014, 372 local businesses have been approved as suppliers to BMA, including 259 new businesses that were not previously engaged. This has led to 1,910 work opportunities for local businesses, valued at US\$25 million.

BHP Billiton Mitsui Coal (BMC) asset joined the program in May 2013, which broadened the program's footprint to the community of Nebo. US\$337,000 has also been contributed to the Local Buying Community Foundation, with 24 approved business development programs either delivered or in progress.

Timing	2012 and is ongoing
Investment	US\$1.2 million to date

Nurturing innovation

World-Class Supplier Program ▶ Chile

Supported by our Copper Business in Chile, the World-Class Supplier Program develops new solutions to operational and environmental challenges faced by our Chilean business, while giving our suppliers the capacity to operate on an international or 'world-class' basis.

Five areas – water, energy, HSEC (health, safety, environment and community), human capital and operational efficiency – were defined as priorities for the program. As of December 2012, the program was working with 36 suppliers that employed more than 5,000 people on a total of 43 projects with combined sales of US\$400 million. The program has led to significant developments from the suppliers involved, including Tesra and their technology partner Sixth Sense Processware, which reduced electricity consumption per tonne of copper by two per cent through an automatic scanning system detecting shorts and helping operators fix them in Spence's electrowinning plant.

Another supplier, Prodinsa, developed a solution that increased the useful life of cables on Escondida's electromechanical shovels by 40 per cent. With annual sales of US\$50 million and 200 employees, Prodinsa is one of the program's largest suppliers, and its exports already account for around 50 per cent of its sales. Power Train Technologies (PTT) significantly improved its health and safety standards and obtained government certification as a research and development centre.

The World-Class Supplier Program has been adopted by Codelco, the Chilean state copper producer, where it was launched in 2011, with 11 innovation projects. As of December 2012, the innovation projects under development were estimated to have a net present value of US\$121 million.

Participants on the World-Class Supplier Program receive consultancy support as they develop their innovation projects, focusing on management, corporate governance, strategic planning and marketing.

Timing	2009 and is ongoing
Investment	US\$50 million to date

Supporting sustainable business

Ba-Gaphadima Sand Mine Project ▶ South Africa

Supported by our Manganese South Africa Asset and implemented by the local community, the Ba-Gaphadima Sand Mine Project was conceived to improve the ability of the community around BHP Billiton's Hotazel mine in South Africa to provide livelihoods for its community. The project was established in response to chronic unemployment and poor education levels in the local community.

The project helped the local community to create sustainable livelihoods by legally developing the high-quality sand deposits in the area. It also helped the local community acquire correct mining licences and establish a functioning business enterprise to mine and sell the sand. This involved supporting the creation of a sustainable business plan, building the management capabilities of the individuals in the community and purchasing vehicles for use in the operation.

The project has led to the creation of 11 permanent and up to 44 temporary jobs in the community. Annual revenue from the project is now more than US\$140,000 and the operation is self-sustaining.

The employment and income generated by the project have seen the project achieve its goal and has led to the creation of a community development fund, with a focus on education. The project has also put an end to illegal sand mining in the area.

Timing	2008 and is now self-sustaining
Investment	US\$600,000 over five years



Creating opportunity for Indigenous businesses

EMPOWER Business Program ▶ Canada

Supported by our Jansen Potash project in Saskatoon, Canada, the EMPOWER Business Program was founded in partnership with Ideas Inc. (a full-service business incubator) to nurture a culture of entrepreneurship and economic diversification among First Nations and Métis communities, while preserving their cultural values.

The EMPOWER goal is to help develop 50 new and existing businesses over five years, from businesses needing identification and planning to full financial and operational viability. This program will support this goal through training, coaching and mentorship. In addition, the program is looking to increase the number of First Nations and Métis employers, further diversifying economies and increase the earning potential/net incomes of participants and employees.

Of the program's original intake of 10 businesses, seven remain in the program. One business, 'Tatanka Boutique', which sells First Nations artwork, clothing, jewellery and baby products, was launched in Regina in April 2013. Another business, 'Shopindigenous.ca', which was founded to promote the sale of products developed by First Nations and Métis artisans, launched in September 2013. An additional three existing businesses are being provided business development support, with two more currently in the business planning stage.

As of October 2013, the program has received a total of 24 applications and attracted over 80 participants to five promotional events throughout Saskatchewan.

Timing	2012 and is ongoing
Investment	CA\$250,000 over five years



Developing eco-tourism

Turtle Village Trust ▶ Trinidad and Tobago

BHP Billiton Trinidad and Tobago is the founding private sector sponsor of the Turtle Village Trust. Turtle Village Trust was established in 2007 with the dual objective of helping communities in Trinidad and Tobago develop a more robust eco-tourism market and to create sustainable local employment using turtle viewing and conservation as a catalyst.

Turtle viewing had previously been a tremendous tourism attraction that was, however, not providing optimal benefits to the community.

The Trust was started as a collaborative effort between BHP Billiton and five community groups – namely, Nature Seekers, Fishing Pond Turtle Conservation Group, Grande Rivière Nature Tour Guide Association, Save our Sea Turtles Tobago, and the Matura to Matelot Network. By 2013, the Trust had grown to include twenty-one community groups.

The Trust is managed by a board comprising community leaders, representatives from environmental non-governmental organisations, and private and public sector professionals. In an effort to improve the communities' overall development, the Trust has also started to establish linkages with other sectors, such as agriculture, fishing, cuisine, culture and tourism accommodation. Further, the Trust has opened a Visitor Centre in Valencia, north Trinidad, and implemented a national turtle monitoring program targeting the protection and conservation of turtles and their eggs.

In 2012, Turtle Village Trust was awarded the national Environmental Management Authority's Green Leaf Award for conservation, and was also granted funding of US\$4 million from the Government's Green Fund Program to expand its work. The Trust also partnered with the Environmental Management Authority in 2012 to stage the country's First National Sea Turtle Symposium. Further, the Trust was instrumental in having the five species of sea turtles that nest in Trinidad and Tobago declared environmentally sensitive species.

Timing	2007 and is ongoing
Investment	US\$850,000 to date

Education and training

Education has direct benefits for economic participation and health and wellbeing, and improves access to employment and business opportunities in communities. Simultaneously, it increases the pool of technically qualified employees, who are critical to the long-term success of our Company.

We believe in life-long learning, both in school and outside the classroom. Internally, we invest in professional development opportunities for our staff through traineeships, on-the-job training and access to higher learning.

Within our communities, we support early childhood education and parenting programs; work with government departments to enhance educational services in remote and rural communities; support mentoring and tutoring programs; offer scholarships for students to attend secondary and tertiary institutions; provide on-the-job literacy and numeracy training; and create capacity building opportunities for local businesses.

Scholarships are an important element of our educational investment strategy. High school scholarships open up a broad range of employment and advancement opportunities. University scholarships are predominantly aimed at sciences, technology, engineering and mathematics students.

Case studies

Hotazel Learner Incubator Program
(South Africa)

'Try Time!' (Australia)

BHP Billiton Science and Engineering
Awards 2014 (Australia)

Peking University Australia/China
Council (China)

University College London Institute for
Sustainable Resources (United Kingdom)

Warrae Wannu Pathways
to School Project (Australia)

Girls Education Program (Pakistan)

Educational Support Plan
Program (Colombia)

Prisoner Reintegration Employment
Opportunities Program (Australia)

Chilean Museum of Pre-Columbian Art
'Chile before Chile' (Chile)

At Meyerton High School in South Africa, we have supported the upgrade of the school laboratory and library, providing students with additional resources to strengthen their education.





Creating local learning opportunities

Hotazel Learner Incubator Program ▶ South Africa

The Hotazel Learner Incubator Program is supported by our Hotazel Manganese Mine (HMM), in the Northern Cape of South Africa. The program aims to address the community’s education challenges as a viable means to escape the poverty cycle.

HMM and the South African Department of Education partnered to work with a national non-government organisation – Star Schools, which is the preferred provider of the Supplementary Education Trust – to develop a program to address the education challenges the local community faces in the Joe Morolong Municipality in South Africa’s Northern Cape.

The program seeks to improve the learning opportunities for local children by providing additional education classes to Grade 10, 11 and 12 pupils attending local secondary schools. These students are selected from schools that have been considered disadvantaged, where learning is impacted by lack of facilities and support material.

The program’s initial objective was to increase overall pass rates for matriculation students to 100 per cent and university entrance pass rates to 50 per cent by December 2011. Highly skilled, part-time educators who have been specifically recruited to offer intensive education support are integral to the success of the program. This invaluable support helps facilitate an increase in skills among community households, increasing the changes of employment and providing a viable means of escaping the poverty cycle.

As of 2013, more than 400 young people are enrolled in the program. From 2009 to 2011, the performance of the learners was consistently higher than the district or province average. In 2011, the national matriculation class overall pass rate was 70.2 per cent. The program pass rate was 100 per cent, with the program exceeding the national pass rate in all categories – mathematics, science and the number of university entrants.

Timing	2009 to 2014
Investment	HMM Learner Incubator (phase 1 and 2) US\$1.1 million over six years Business Incubator (July 2012 – Dec 2014) US\$625,000 over two and a half years

Sports role models promote healthy lifestyle and education

'Try Time!' ▶ Australia

'Try Time!' is a combined initiative of our Cannington Asset, the North Queensland Cowboys rugby league team and Education Queensland. This initiative was created to address the disparity between the opportunities available to school students in urban areas and school students in regional and remote areas of northern Australia.

'Try Time!' brings recognised sporting role models into schools to deliver social education. Modules have been developed by experts in such topics as anti-bullying, cyber safety, teamwork and leadership, and healthy living.

It has grown to become an integral link in the school curriculum, reaching approximately 20 per cent of the school sector from the islands of the Torres Strait in Australia's north, west to the Aboriginal community of Camooweal and south to Longreach.

Since its launch in 2008, the program has also successfully delivered positive health, lifestyle and educational messages to nearly 20,000 students in 70 primary and secondary schools across regional Queensland.

Feedback from the schools highlights improvements in behaviour and attendance; increases in student participation; growth in school participation; and the retention of all participating schools. The program has also influenced other initiatives, including the National Rugby League's new national anti-bullying campaign.

Timing 2008 and is ongoing

Investment US\$154,000 annually



Research innovation recognised

BHP Billiton Science and Engineering Awards 2014 ▶ Australia

The BHP Billiton Science and Engineering Awards are Australia's most prestigious school science awards. Operating since 1981, the awards are a partnership between BHP Billiton, CSIRO (Australia's premier scientific research organisation) and the Australian Science Teachers Association.

The awards recognise young people who have undertaken practical research projects that demonstrate innovative approaches and also recognise outstanding contributions made by classroom teachers to science education.

In addition to cash prizes, the two student winners are given the chance to compete at the International Science and Engineering Fair (ISEF) in the US. ISEF brings together more than 1,000 of the brightest scientific minds from around the world to compete in one of the world's largest pre-university celebrations of science.

Many students say their entry in the awards marked the high point of their school science careers. Their participation in the awards stimulates their thirst for knowledge while, in some cases, setting them on a potential career in science and engineering. The teacher awards have enabled teachers to set themselves apart as educators with special skills who inspire their students.

Timing 1981 and is ongoing

Investment US\$1.2 million over three years

'Science is vast and encompasses a variety of different areas. I learned that these areas are all so interesting, and yet, they must work together more and more to benefit mankind.'

Michael McLure, Biloela, Queensland

'The most important thing I learned during this camp is that science isn't just in the lab; it has a variety of branches and applications.'

Angela Liao, Australian Capital Territory

Growing academic partnership

Peking University Australia/China Council ▶ China

In 2011, we announced that we would fund the new Chair of Australian Studies at Peking University in Beijing, in partnership with the Australian Department of Foreign Affairs' Australia-China Council (ACC).

The position is the first high-profile, privately-funded Australian professorial position in China and is part of the growing academic engagement between the two countries. It responds to the crucial need for increased collaboration and demonstrates a concrete effort towards strengthening bilateral ties. It also reflects our Company's understanding of the global nature of the issues that our communities face.

The Chair's specific purpose is to enhance research and education opportunities between the two countries and to strengthen mutual understanding of social, political and economic issues. This position will also raise the profile and understanding of Australia in China by coordinating and facilitating exchange between academics and students at Peking University.

The Chair will also provide academic leadership to a network of over 30 Australian studies centres in metropolitan and regional Chinese universities. As well as funding the Chair of Australian Studies, we also fund 25 scholarships each year at the Graduate University of Chinese Academy of Sciences (GUCAS) in Beijing. We have also been a sponsor of the Global Public Policy Executive Training Program at Peking University in Beijing since 2003.

The inaugural BHP Billiton Chair of Australian Studies at Peking University, Professor David Walker from Melbourne's Deakin University, started in his role in February 2013.

Timing	2011 to 2016
Investment	A\$600,000 annually plus A\$450,000 for scholarships related to Australian Studies

'In funding the Chair, BHP Billiton has created an ideal opportunity to liaise with the wider Australian Studies community in China. There is no substitute for being on the spot...the best and strongest connections are built upon day-to-day contacts and working together.'

Professor David Walker, BHP Billiton Chair of Australian Studies at Peking University



Researching sustainable use of natural resources

University College London Institute for Sustainable Resources ▶ United Kingdom

Supported by our BHP Billiton Sustainable Communities, the University College London Institute for Sustainable Resources has established a centre for doctoral training and research in the sustainable use of natural resources.

The institute prides itself on research excellence and high-level policy influence, engaging with a wide spectrum of partners and stakeholders to ensure its research has maximum impact.

Its goal is to become the premier institution globally for the understanding of 'environmental limits' or 'planetary boundaries' relating to different resources. The Sustainable Use of Resources and the Environment Doctoral Training Program began in 2012–13. Students' work will develop scientifically robust sustainability indicators across several environmental themes and will aim to win acceptance for the indicators among official environmental statisticians, policy makers and civil servants.

A new Masters of Science in Economics and Policy of Energy and the Environment (MSc in EPEE) course was launched in 2012–13. This new course is giving its students the essential knowledge that they need to understand, analyse and manage environment-resource-economy interactions.

The institute continues to develop its public engagement and outreach program with a range of events for students, staff and the general public, including a Grand Challenges Symposium Series, a forum that brings together researchers and relevant stakeholders to address issues of global concern.

Timing	2011 to 2016
Investment	US\$5 million over five years



Providing access to quality early childhood education

Warrae Wannu Pathways to School Project ▶ Australia

The Pathways project aims to break down barriers between Aboriginal and non-Aboriginal people in Muswellbrook and create learning opportunities for children before starting kindergarten. In just its second year, the project has improved learning milestones and increased parental engagement.

Supported by our New South Wales Energy Coal Asset and delivered by Muswellbrook South Public School, the Warrae Wannu Pathways to School Project is designed to assist disadvantaged preschool-aged children, including those from Aboriginal and Torres Strait Islander communities, by providing access to quality early childhood education and essential services, such as audiology, optometry, occupational and speech therapy. The project combines a number of our Company's areas of community focus – education, health and local development – key building blocks in strengthening society as a whole.

The program aims to break down barriers between Aboriginal and non-Aboriginal people in Muswellbrook and improve a number of quality of life indicators.

The ultimate goal of the project is to create learning opportunities for children before they start kindergarten and to assist in improving educational outcomes as they get older. The project encourages parents to value education by providing opportunities for them to get involved with their children, other parents and community support services.

Although the project is only in its second year, it is already producing results, including improved learning milestones reached by children, increased parental engagement and better access to essential services.

The project has been widely recognised for the contribution it is making to improve educational outcomes in low socio-economic communities. In 2013, the project received the School and Community Partnerships Award at the Nanga Mai Awards, which celebrate innovation, excellence and achievement in Aboriginal education.

Muswellbrook South Public School Principal, Rebecca Langdon, who has been the main driver of the Project, was awarded a university scholarship to research education and Indigenous Peoples in Canada.

Timing	2012 to 2015
Investment	A\$300,000 over three years

'We are closing the gap and making a difference in the lives of our young children and their families. We have planted the seeds and are beginning to reap the benefits of supporting parents and their children. The seeds are beginning to grow!'

Rebecca Langdon, Principal Muswellbrook South Public School

Local cooperation lifts school results

Girls Education Program ▶ Pakistan

The Girls Education Program worked with the Dadu local community to assess the education in the area and found a lack of schools and trained teachers. To improve literacy rates and educational results in Dadu, our Zamzama gas project in Pakistan supports the running of 12 girls schools.

Girls Education Program is supported by our Zamzama gas project in Pakistan and delivered by three non-government organisations: the Village Shadabad Organization (VSO), the Child Development Organization (CDO) and the Sujag Sansar Organization (SSO).

The program was founded in 2001 following a comprehensive assessment and consultation with the local community on the state of education in Dadu, Pakistan. The assessment found that the area lacks sufficient schools or adequately trained teachers, and that the socio-cultural norms and economic pressures limit the commitment of some parents to the education of their children, especially girls.

In response, Zamzama decided to support five existing girls schools by helping VSO and CDO to assume responsibility for running them, given the organisation's experience and expertise in the education sector. This cooperation is a hallmark of how we approach our community investment – recognising that local experts have the greatest impact in their communities.

Since 2001, Zamzama has steadily increased its support and is currently supporting the running cost of 10 primary schools and two elementary/middle schools in Dadu.

Since its inception in 2001, literacy and enrolment levels have increased. In 2013, more than 1,300 students were enrolled in 12 schools, including 392 boys and 962 girls. The program has employed 66 people since inception and this number continues to grow.

School Management Committees (SMCs) monitor the smooth running and operation of the established schools. Currently, 12 SMCs, comprising local villagers, staff from implementing NGOs, as well as teachers, encourage greater community participation.

In 2004, these SMCs also founded a voluntary organisation that offers financial assistance to families who could not afford books and uniforms.

Timing 2001 and is ongoing

Investment US\$2 million (2001 and ongoing)



Creating a brighter future for children

Educational Support Plan (PAE) Program ▶ Colombia

The Educational Support Plan, or 'El Plan de Apoyo Educativo' (PAE), is supported by the employees of our Cerro Matoso Asset in Colombia and the employees of its three foundations (the San Isidro Foundation, Panzenú Foundation and Montelíbano Educational Foundation). Voluntary employee contributions to the plan are matched by funds from Cerro Matoso.

The PAE provides educational aid and institutional support to enhance school performance for children and young people from the most vulnerable and lowest-income backgrounds in the communities of Alto San Jorge, Córdoba in Colombia.

PAE was created by Cerro Matoso employees, who identified a need to improve school performance and ultimately the number of young professionals in the local area. The PAE provides additional support to strong performers in the public education system prior to their entering tertiary education. It also offers undergraduate scholarships.

In its 13 years of operation, the PAE has helped 529 families provide a brighter future for their children. Among those to receive assistance were 230 elementary and secondary school students and 110 high school graduates. In addition, 24 undergraduates have received assistance, 16 of whom have graduated in professions such as electronic engineering, veterinary medicine, bacteriology, music, systems engineering, medicine and industrial engineering.

The PAE also provides training and counselling, with 250 parents having participated in annual 'Parent School' workshops, 452 children having participated in values-based workshops and counselling, and 498 young people having received career training and counselling.

Timing 2000 and is ongoing

Investment US\$55,000 annually

'Had we not had the support of the PAE, I don't know if I would have become a professional; I've achieved the dream of being an engineer thanks to this wonderful program.'

David Sáez, from Montelíbano, who was a beneficiary of the PAE in higher education, and today is a Health and Environmental Engineer

Improving lives through skills training

Prisoner Reintegration Employment Opportunities Program (PREOP) ▶ Australia

The Prisoner Reintegration Employment Opportunities Program (PREOP) is supported by our Olympic Dam Asset in South Australia. Discussions between Olympic Dam and the South Australia Department of Correctional Services led to a concept whereby low-security incarcerated individuals are given the opportunity to develop skills in the mining industry, and upon release be placed into dedicated, streamlined work opportunities at Olympic Dam. The program is jointly funded by BHP Billiton, the Department of Employment and the Department of Correctional Services.

Since inception, 54 low-security prisoners have participated in PREOP, with 31 employment outcomes. While 57 per cent of graduates were successfully employed, only 40 per cent still work at Olympic Dam. Despite low retention rates, the Company recognises that PREOP affords those members of society who require intensive support a second chance at reintegration into the community.

The program is successful in changing lives and reducing repeat offending in our communities, with significant flow on effects. Testament to this, the General Manager, Port Augusta Prison reports that South Australia averages a return rate of 32 out of every 100 prisoners released, whereas the PREOP program has seen only five returning out of every 100 prisoners released.

Timing 2009 and is ongoing

Investment A\$36,000 annually

'This program has helped me to see that what was once impossible is now truly possible.'

Recent PREOP participant

Recognising Indigenous culture and history

Chilean Museum of Pre-Columbian Art 'Chile before Chile' ▶ Chile

Around 10 years ago, BHP Billiton Escondida began a partnership with the Chilean Museum of Pre-Columbian Art in Santiago. The aim was to look for opportunities to make Chile's rich Indigenous culture more accessible to the Chilean population. The relationship grew and a concept was developed for an exhibition space, 'Chile before Chile', hosting a collection of important artefacts representing the different cultures of the inhabitants who have lived in Chile for 15,000 years.

The 'Chile before Chile' exhibition aims to strengthen national identity through knowledge and appreciation of Indigenous Peoples, promoting diversity, stressing the importance of cultural heritage, and contributing to building a healthy and authentic relationship with Chile's Indigenous communities. The project also included cataloguing the museum's extensive archives and developing a comprehensive outreach program to the public, presenting stories that give dignity and recognition to the original inhabitants of the land.

The completed project was made possible by a public-private partnership between BHP Billiton Escondida and a private family foundation, in collaboration with the Municipality of Santiago and the National Council of the Arts. The upgraded museum includes a renewal of the previous exhibition galleries and a subterranean construction with a new gallery, deposits and labs that total more than 800 square metres. In just four months, more than 20,000 people have visited the museum, including school groups.

The project forms part of a broader public effort to rebuild the historical city centre of Santiago. Museum director Carlos Aldunate believes it 'responds to an urgent need for Chileans to recognise our cultural identity and diversity'. The exhibition has enabled Chileans to connect with their rich Indigenous history and demonstrates the contribution Indigenous Peoples have made to the cultural fabric of Chilean society.

Timing 2009 to 2014

Investment US\$17 million to date



Environment

Our operations, by their very nature, change the natural environment. We are mindful at all times of the potential for these changes to be negative if not well managed, and set ourselves the very highest standards to minimise this impact.

We recognise that there is increased competition for land, whether it be for mining, agriculture, forestry, water supply or biodiversity. Our environmental approach globally is driven by a desire to work with stakeholders to support multiple sustainable uses of land.

We do this by making various commitments. For example, we make a positive contribution to biodiversity conservation outside our operational footprint through our land conservation program and other programs that improve natural resource management.

Locally, we listen to the community and work with citizens to support projects that address issues important to them. Collectively, we aim to ensure that communities continue to share in and enjoy the benefits of the natural environment.

Case studies

[Bush Blitz \(Australia\)](#)

[Trees for Life \(South Africa\)](#)

[Arid Recovery \(Australia\)](#)

[Beyond the Classroom \(Australia\)](#)

[CReefs and eReefs \(Australia\)](#)

[Conservation International:
Valdivian Coastal Reserve \(Chile\) and
Five Rivers Conservation Project \(Australia\)](#)

Our investment in the Bush Blitz program supports the discovery and documentation of Australia's flora and fauna, helping to preserve its unique biodiversity into the future.





Helping protect biodiversity for future generations

Bush Blitz ▶ Australia

Supported by BHP Billiton Sustainable Communities (BSC), Bush Blitz is a groundbreaking species discovery partnership between the Australian Government, BHP Billiton and Earthwatch Australia. Earthwatch Australia works to engage people worldwide in scientific field research and education to promote the understanding and action necessary for a sustainable environment.

Australia is home to more than 560,000 native species, many found nowhere else on Earth – yet only one-quarter of this biodiversity has been scientifically documented. Bush Blitz is Australia’s largest nature discovery project, which sets out to document the plants and animals in properties across Australia’s National Reserve System, covering 89.5 million hectares, or more than 11 per cent of the continent. The project is providing baseline scientific data that will help us protect our biodiversity for generations to come.

Launched in the International Year of Biodiversity 2010, Bush Blitz is funded in partnership with the Australian Government Department of Environment. The project is administered by teams from the Australian Biological Resources Study and Earthwatch Australia.

Our employees and selected members of the public are able to participate in the research expeditions. Our employees contributed in part to more than 19,000 hours of fieldwork, completed by over 140 scientists. In addition, 12,170 Bush Blitz records have been entered into the Australian Natural Heritage Assessment Tool, a map-supported database that helps identify and prioritise areas for their natural heritage significance, focusing on diversity.

From 2010 to 2013, Bush Blitz scientists and our employees – working in the field as volunteer research assistants – have discovered over 700 new species. These include 272 species of true bugs, 130 species of spiders and scorpions, 36 species of bees and 11 species of vascular plants. The discoveries have contributed to increasing the number of plant, mammal, reptile, amphibian and invertebrate species known to exist in Australia’s reserves by 3,000.

The program also found more than 350 species listed as threatened, vulnerable or endangered, and 700 pest species.

In August 2013, BSC extended its commitment to the Bush Blitz initiative by approving funding for the Bush Blitz II project. The Bush Blitz II project will operate in a similar manner to Bush Blitz I, allowing the team to survey more sites over the next four years.

Timing	2010 to 2017
Investment	US\$9 million over seven years

‘Throughout my time on the project, my eyes were continually opened to the detail and beauty of all that makes up the Tasmanian highlands. Things that you would easily walk past – lichen on a branch, an ant-mimicking bug on a tree, a seed-head on a sedge – all come to life when you stop and look.’

Andrew Tennent, BHP Billiton employee

Growing 'treepreneurs' through conservation

Trees for Life ▶ South Africa

Supported by our Aluminium South Africa Asset and delivered by the Wildlands Conservation Trust, the Trees for Life program aims to conserve biodiversity and ensure sustainable benefits to rural and often marginalised people of the uThungulu district of South Africa.

The goals of Trees for Life are to enable unemployed community members to provide for themselves through the cultivation of trees and to improve the environment through the planting of more trees.

The program contracts unemployed members of the Mzimela community to plant and care for seedlings in the local forest and to sell a portion of the seedlings to generate income. Participants – named 'treepreneurs' – are trained in tree propagation, mentored and given starter packs and a market through which to sell a portion of the trees they propagate.

Additionally, the Wildlands Sustainable Communities Program employs more than 75 facilitators, who mentor the 350 treepreneurs.

Since launching in 2007, the program has positively impacted approximately 1,700 people, based on an assessment that each participant financially supports at least five other people.

From an environmental perspective, the program has resulted in 70,000 new trees being planted in a 35-hectare area of forest degraded through local grazing and logging. By 2027, it is expected the program will have restored more than 500 hectares of degraded area, making it one of the largest scale restoration programs undertaken by a company in South Africa.

Timing 2007 and is ongoing

Investment R6 million to date

'When one speaks to the people involved in this project, you hear the most amazing stories – a widowed mother who is able to send her daughter to university, or a grandmother who can now afford to keep her grandchildren in school since their parents have succumbed to HIV/AIDS.'

Venecia van Loggerenberg, BHP Billiton Aluminium, Richards Bay, South Africa

Restoring arid zone ecosystems

Arid Recovery ▶ Australia

Supported by our Olympic Dam Asset in South Australia, Arid Recovery is a joint conservation initiative between BHP Billiton, the local community, the South Australian Department for Environment, Water and Natural Resources, and The University of Adelaide to restore Australia's arid lands. The program was founded in response to the depletion or extinction of much of the original fauna and flora in the Roxby Downs region, as well as the extinction, since European settlement, of 60 per cent of native mammal species that used to inhabit the region.

The program seeks to restore Australia's arid zone ecosystems through ground works, applied research and through industry, community and government partnerships. This effort takes place on a 123 square kilometre fenced reserve that protects a range of native plants and animals. Foxes, cats and rabbits have been removed from 60 square kilometres of the reserve, making it one of the most successful and largest reserves of its kind in arid Australia.

Native plants have regenerated within the reserve, and local mammals and reptiles have responded to the removal of introduced species and domestic stock. Numerous locally extinct mammal species have been successfully reintroduced to the reserve to date, including the Greater Stick Nest Rat, the Burrowing Bettong, the Greater Bilby and the Western Barred Bandicoot.

Arid Recovery demonstrates how mining, pastoralism, tourism and conservation organisations can work together to achieve mutually beneficial ecological outcomes, and help increase understanding and adoption of sustainable land management techniques.

Timing 1997 and is ongoing

Investment A\$400,000 annually



Science in the field

Beyond the Classroom ▶ Australia

Beyond the Classroom is a collaborative educational program between our Illawarra Coal Asset and Douglas Park Public School, a local primary school.

The project gives students a chance to get out of the classroom and into the field to learn more about scientific concepts and their local environment.

Located adjacent to the school, kindergarten to year six students are able to use Illawarra Coal's Mountbatten property, which offers Aboriginal and European heritage in addition to its natural environment as an extension of their classrooms. Students are able to examine living things, observe and measure and record and analyse data.

Through the program, the students have undertaken activities such as designing and building a bird hide, investigating how animals shelter in the bush, building bush shelters and planting 200 native Cumberland Woodland trees, the seeds of which were collected from Mountbatten. Since 2011, 150 school students have taken part in the program.

During the tree planting, students collect data on the seedlings (height, amount of leaves and location) using iPads provided by the Illawarra Environment Education Centre. This information is brought back to the students' classrooms to analyse and use for future investigation.

Timing 2011 and is ongoing

'My favourite part of the bush walk was when I caught two grasshoppers.'

'I like the teamwork and how everyone worked together on the shelters. We had to trust our friends to blindfold us and take us everywhere.'

Student reactions to the program



Conserving the Great Barrier Reef

CReefs and eReefs ▶ Australia

We have supported two major projects seeking to conserve Australia's iconic Great Barrier Reef.

From 2007 to 2010, BHP Billiton Group supported CReefs, an initiative designed to respond to the growing threats faced by the Great Barrier Reef, including unsustainable resource exploitation and management, pollution, habitat destruction, ocean acidification and invasive species.

We worked with the Great Barrier Reef Foundation and the Australian Institute of Marine Science to conduct a census of coral reef ecosystems, and to consolidate and improve access to coral reef ecosystem information. It is estimated that over 1,200 new species were collected, and work continues on the collected specimens to identify new species.

All data generated from CReefs was recorded in the Ocean Bio-geographic Information System (OBIS), making it readily available to all users, including policy makers, reef managers, scientists, industry and the general public.

In 2009, our BMA team supported the development and publication of the Foundation's research portfolio 'Resilient Coral Reefs Successfully Adapting to Climate Change'.

In 2011, BMA established a further collaboration between the Great Barrier Reef Foundation, the Bureau of Meteorology, the Commonwealth Scientific and Industrial Research Organization (CSIRO), the Australian Institute of Marine Science and the Queensland Government to support eReefs.

eReefs sets out to help decision-makers manage the reef by providing integrated and interactive information at both a scale and detail that hasn't been previously available.

eReefs will deliver a number of outcomes, including expanded and improved monitoring data; a framework to explore the impact of temperature, nutrients and water quality; and to communicate this to those who will be affected by it. It will also include citizen science initiatives to engage the broader community on the health of the reef. The eReefs project is also supported with funding from the Science Industry Endowment Fund and the Australian Government.

Timing CReefs – 2007 and is ongoing
eReefs – 2011 and is ongoing

Investment A\$3.4 million (CReefs) and
A\$5 million over five years (eReefs)



Supporting significant areas of high biodiversity and ecosystem value

In FY2013, we formed a US\$5 million five-year alliance with Conservation International, a leading environmental non-government organisation. Our aim is to support the conservation and ongoing management of areas of national and international conservation significance.

Lifeline for rare temperate forests

Conservation International: Valdivian Coastal Reserve ► Chile

The Valdivian Coastal Reserve comprises almost 50,000 hectares located within the Los Rios region of Chile, bounded by the Pacific Ocean on the west and the Coastal Alerce National Park on the east.

The Valdivian Coastal forest of Chile is recognised by non-government conservation organisations as one of 34 global 'hotspots', where a large number of species are facing significant conservation threats. It is rich in biological diversity – home to one of the smallest species of deer, one of the largest woodpeckers, and ancient Alerce forests, whose trees can live for more than 3,600 years.

The Reserve was established in 2003 by The Nature Conservancy, Chile. BHP Billiton is contributing US\$20.1 million over three years to cover land acquisition costs, securing the title for conservation and ongoing conservation management. The work also includes revenue from carbon sequestration.

Timing 2013 and is ongoing

Investment US\$20.1 million

Safeguarding historic forests

Five Rivers Conservation Project ► Australia

The Five Rivers Conservation Project is a partnership between BHP Billiton, the Tasmanian Land Conservancy and Conservation International. BHP Billiton has pledged A\$13.4 million for conservation and the ongoing management of 11,000 hectares of land in Tasmania.

The land includes old growth forests, wild rivers, and alpine wetlands. It is home to a number of endangered species, including the Tasmanian devil, Tasmanian wedge-tailed eagle, spotted-tailed quoll, Miena cider gum and grassland paper daisy.

A portion of the project funding is invested in an endowment, providing a perpetual income stream for conservation activities into the future.

Timing 2014 and is ongoing

Investment A\$13.4 million

'This project is at a level of sophistication rarely seen in terms of corporate support.'

Jane Hutchinson, Chief Executive of Tasmanian Land Conservancy



Health

The health and wellbeing of our people and our host communities is fundamental to our success. Our community investment further supports the growth of services, such as child care and medical care, to meet a changing community's needs. These services are important building blocks and are vital to delivering a lasting benefit for communities worldwide.

Our experience tells us that healthy communities are productive communities; therefore, we invest significant time and resources in ensuring our people are healthy and fit. We extend this approach to the health of employee families, friends and the community at large, because where serious disease is of concern to our workforce, it is almost always a concern for the broader community as well.

We also recognise the strain that an influx of population can have on rural and remote health services, where our Company often operates. We work closely with health departments to strengthen capacity and support complementary activities that will assist in providing quality health services and suitable options for communities.

Case studies

Window of Opportunity – PATH project
(South Africa, Mozambique)

Malaria Prevention (Africa)

Early Childhood Development (South Africa)

Swim and Survive (Australia)

King Edward VIII Hospital and the BHP Billiton
Paediatric Centre of Excellence (South Africa)

Through the Window of Opportunity project, PATH is supporting small community-based organisations, such as Asseduco in the Namaacha region of Mozambique, to undertake home visits with families to improve the health and developmental outcomes for babies and young children. ►





Building government and community capacity to improve maternal and child health development

Window of Opportunity ▶ South Africa, Mozambique

Supported by BHP Billiton Sustainable Communities (BSC) and led by PATH, the Window of Opportunity program was founded in 2011 in recognition that pregnancy and early childhood represents a critical opportunity to shape the long-term physical, cognitive and emotional health and development of children.

This project also recognises the importance of building government and community capability to support children and their families. Capacity building is a key part of our Company's commitment to the communities where we live and work, and something on which we place significant emphasis.

PATH is an international, non-profit organisation that creates sustainable, culturally relevant solutions to address health issues. With the support of BSC, it is applying the program in the South African districts of Sedibeng in Gauteng Province, Uthungulu in KwaZulu-Natal Province, Nkangala in Mpumalanga Province, and John Taolo Gaetsewe in Northern Cape Province. In Mozambique, it operates in the Boane District in the Maputo Province.

Since it started, the project has worked collaboratively with teams of government departments (Health, Basic Education, Social Development, and Welfare in South Africa; and Health, Women and Social Action in Mozambique), non-government partners and civil society to develop and implement integrated child and development programs that make a significant and direct impact on maternal and child health and nutrition.

In the early stages of the project, PATH conducted a rapid assessment to identify how maternal and child health development could be improved in each district. In the second year of the project, new and improved technical training and clinical service quality audit tools were developed for maternal

and child health services. At the end of 2013, the project had trained over 100 managers in four South African districts in performance management and planning; provided technical support in service quality improvement to 85 health facilities; trained over 300 health professionals on essential maternal and health skills; and provided ongoing mentoring for more than 265 health personnel.

PATH has also refined its innovative 'Feeding Buddies' approach to strengthen community-based support for pregnant women and young children, and trained and mentored community-based organisations in project and financial management, as well as behavioural change communications.

Additionally, the PATH team has actively and successfully engaged with communities in each of the beneficiary districts to gain their support for integrated health and development education and promotion, primarily for pregnant women and young children. Through the involvement of local community based organisations, the project has resulted in districts reporting increased childhood immunisation rates and greater numbers of children being exclusively breastfed at 14 weeks of age.

Timing	2011 to 2016
Investment	US\$25 million to date

Reducing malaria incidence

Malaria Prevention ▶ Africa

The Malaria Prevention program is supported by our BHP Billiton Aluminium South Africa Asset and also our Mozal Asset in Mozambique. Malaria is endemic in 99 countries, causing an estimated 219 million cases and 660,000 deaths per year. Approximately 80 per cent of these cases and 90 per cent of deaths occur in Africa.

Our response to this global catastrophe has been threefold over the last 14 years.

Initially, the Company joined the governments of South Africa, Swaziland and Mozambique in supporting the Lubombo Spatial Development Initiative (LSDI) in 1999. LSDI was an innovative, cross-border, public-private sector partnership designed to reduce the malaria burden in Lubombo, an area spanning each of the three adjoining countries. The goal of the partnership is to improve the health and economic viability of the Lubombo region.

By spraying the inside of houses with an insecticide to kill mosquitoes that spread malaria, over a 100,000 square kilometre area, approximately 4.7 million people received protection. Spraying and effective treatment efforts have resulted in reducing malaria incidence by nearly 80 per cent across the region.

From 2004, BHP Billiton also sponsored the activities of Medicines for Malaria Venture (MMV), an international collaborative effort to discover and develop new drugs for the effective treatment of malaria.

In 2013, BHP Billiton Sustainable Communities (BSC) pledged its support to the Global Fund to Fight AIDS, Tuberculosis and Malaria for malaria programs that it finances in Mozambique. These malaria prevention programs support the distribution of insecticide-treated nets (ITNs) to protect families from malaria.

Timing BHP Billiton supported the LSDI partnership between 1999 and 2003 and the MMV partnership since 2004. BSC announced its support for the Global Fund to Fight AIDS, Tuberculosis and Malaria in 2013.

Investment BHP Billiton initially invested R5 million to the LSDI partnership. The Company has also invested US\$750,000 in the Medicines for Malaria Venture, and BSC has contributed US\$10 million to the Global Fund to Fight AIDS, Tuberculosis and Malaria in 2013.

Early care improves young lives

Early Childhood Development ▶ South Africa

The Early Childhood Development project was founded by our Aluminium South Africa Asset in recognition of the lack of quality early childhood development (ECD) centres in the country.

In 2005, a review found that quality ECD centres were few and far between, and in many cases the centres were little more than backyard crèches. After extensive consultation with local communities, NGOs, government and local tribal authorities, the first two improved ECD centres were opened in 2008.

Currently, the ECD centres are operating at full capacity. Each centre provides services (meals, education and visits by health and family care workers) for more than 120 children per day. All operational costs are carried by the responsible government departments.

The project has helped register 1,800 children with government agencies, enabling them to obtain birth certificates. The project has resulted in the training of 30 ECD teachers and the administration of close to 1,800 vaccinations.

In 2009, BHP Billiton engaged with the NGO Moves for Life to help improve performance in mathematics and science by using the game of chess. Our Aluminium South Africa Asset became the first organisation in the country to introduce this project into 10 schools in KwaZulu Natal.

In 2011, BHP Billiton also partnered with the University of Zululand's Science Centre in Richards Bay to establish an Early Childhood Development wing – the first Young Children's Science Centre in Sub-Saharan Africa.

Timing 2008 and is ongoing

Investment US\$1.4 million to date

'The partnership has enjoyed phenomenal success.'

World Economic Forum Global Health Initiative Report on BHP Billiton's partnership with LSDI



Water safety, health and wellbeing

Swim and Survive ► Australia

Water sports and recreation are an important part of the Western Australian lifestyle. However, each year too many Western Australians drown or are hospitalised following a near-drowning incident at beaches, rivers or home swimming pools, making water safety a very important safety issue for the community.

Since 2003, BHP Billiton Iron Ore and the Royal Life Saving Society Western Australia (RLSSWA) have worked in partnership to promote water safety, health and wellbeing across Western Australia.

Through this 10-year partnership, BHP Billiton has supported targeted community programs such as Swim and Survive, Keep Watch, Watch Around Water, Remote Aboriginal Swimming Pools, Infant Aquatics and Indigenous Traineeships.

These initiatives are improving water safety through education, training, advocacy and awareness campaigns.

The partnership also includes an annual Have-A-Go-Day for our employees' children and grandchildren. It is based on the RLSSWA's Swim and Survive program, which is designed to provide essential swimming, water safety and survival skills for children.

Over the past ten years, more than one million children have participated in the Swim and Survive program. Together with RLSSWA, we have established the Remote Aboriginal Swimming Pools program across six remote Indigenous communities located in Western Australia.

The Swim and Survive Equity program has increased accessibility to swimming lessons for children from disadvantaged backgrounds living in Perth. The Keep Watch program has contributed to the reduction of toddler drownings in Western Australia and is the longest running prevention initiative under the RLSSWA.

Based upon the success and engagement of families and children across the state of Western Australia, in 2012, BHP Billiton Iron Ore renewed its partnership with RLSSWA for three years with a commitment of approximately US\$1.5 million.

Timing	2003 to 2015
Investment	US\$2.5 million (2000 to 2015)

'We all know how much Western Australians love the water. Our support for Swim To Survive programs achieves health and education improvements in the Western Australian community, particularly in the Pilbara.'

Brett Swayn, Vice President Health, Safety and Environment



Reducing child mortality rates through improved health services and infrastructure

King Edward VIII Hospital and the BHP Billiton Paediatric Centre of Excellence ► South Africa

Our Aluminium South Africa Asset responded to a call for improving infrastructure and equipment in South African hospitals by supporting the King Edward VIII Hospital in Durban and its fight to reduce child mortality.

In October 2008, *Carte Blanche*, a prime time television program, embarked on a highly publicised nationwide campaign challenging corporations in South Africa to help improve the infrastructure and essential equipment of paediatric departments in South African state academic hospitals.

Our Aluminium South Africa Asset rose to the challenge and now supports one of the oldest hospitals in South Africa, the King Edward VIII Hospital situated in Durban, in the province of KwaZulu-Natal.

In the five years since the launch of the *Carte Blanche* 'Making a Difference' campaign, over R100 million has been raised to equip and renovate paediatric operating theatres, ICUs and high care wards in eight hospitals and five provinces.

Kwazulu Natal has the largest paediatric population in the country, and the King Edward VIII Hospital caters to a large percentage of this community. Within this population, the burden from diseases like HIV and tuberculosis is among the worst in the country. BHP Billiton provided financial support for the *Carte Blanche* Making a Difference Trust to create a new paediatric unit, recognising that child mortality rates could be reduced by improving the quality of children's health services in the region.

King Edward VIII Hospital now has a dedicated US\$2 million paediatric centre, named the BHP Billiton Paediatric Centre of Excellence, which opened in June 2012. The centre includes an intensive care unit, high care ward, ambulatory ward, outpatients unit, as well as a mothers area and staff facilities.

Timing	2012
Investment	R20 million

'This centre is one of the truest success stories I have ever had the privilege to witness. The centre has greatly benefited from the training of the paediatric registrars, and the morale of the medics and the patients' families has been entirely turned around. This is just the tip of the iceberg when it comes to describing what this project has delivered.'

Karolina Andropoulos, Patron: 'Making a Difference Trust'

'The new BHP Billiton paediatric centre is a breath of life to many young souls.'

Health MEC Sibongiseni Dlomo

Indigenous communities

BHP Billiton operations work closely with the Indigenous community in almost all of the countries in which we operate, through community investment and commitment to human rights. We are respectful of their rights, lands, culture and needs.

We support Indigenous communities through employment, local procurement and targeted community investment in education, health and wellbeing, cultural heritage, and economic development.

It is important our investment with Indigenous communities addresses their specific needs and priorities. Our projects aim to build on the strengths that Indigenous communities have and utilise their capabilities and knowledge to promote positive outcomes.

Case studies

Rehabilitation and Mine Services

Indigenous Employment Program (Australia)

Ngurra Kuju Walyja (One Country, One People):

The Canning Stock Route Project (Australia)

Newton Moore Girls Academy (Australia)

Indigenous Governance Awards (Australia)

Kirtland Youth Association (United States)

ANDA Project (Colombia)

Clontarf Youth Pathways (Australia)

Our investment in Port Hedland's Youth Involvement Council supports the delivery of programs to young people at risk, homeless, disadvantaged or in need of support.







Sponsoring community careers in mining

Rehabilitation and Mine Services Indigenous Employment Program ▶ Australia

The program aims to provide the Anindilyakwa people of Groote Eylandt with knowledge and skills to live and work safely at our Groote Eylandt Mining Company (GEMCO) facility and throughout their career. The program has achieved excellence in safety, work performance and cultural understanding, with graduates becoming multi-skilled and progressing in their roles at GEMCO.

The program provides a safe, supportive and caring work environment, encourages each employee to reach their full potential, nurtures skills that will benefit the wider community and identifies future leadership opportunities by providing a range of skills and experience to participants. The IEP is designed to help Aboriginal people overcome some of the challenges they face finding employment by creating cultural leave procedures, providing incentives, tailored training, cross cultural and reverse cross cultural training programs.

The project has had an excellent safety record, which is a credit to the employees and their supervisors. In addition, the project's numeracy and literacy program has been recognised as leading edge, and the rehabilitation program is seen as best practice. Graduates of the program have progressed to roles within GEMCO in mining, drill and blast, administration, supply, laboratory, port operations, maintenance, environment and external affairs.

Timing	Ongoing
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Helping preserve Indigenous cultures

Ngurra Kuju Walyja (One Country, One People): The Canning Stock Route Project ▶ Australia

In 2006, our Western Australia Iron Ore (WAIO) Asset partnered with FORM, a Western Australian not-for-profit organisation, to instigate Ngurra Kuju Walyja (One Country, One People): The Canning Stock Route Project.

The Canning Stock Route, at 1,850 kilometres, is the longest cattle droving track in the world and is a rich centre of Aboriginal culture.

WAIO and FORM brokered unique partnerships with the 10 Aboriginal communities and arts organisations around the Canning Stock Route to share the stories of this remote area with other Australians in a meaningful way.

The project aimed to offer local communities an alternative income source, while creating an opportunity for Aboriginal people to share their stories nationally and globally through a series of exhibitions and public communication programs.

The Canning Stock Route Project has enabled remote communities to connect with the rest of Australia, as well as build an international awareness of the rich history and vibrancy of the Aboriginal peoples who live in this region of Australia.

The program's five-year series of exhibitions and public programs were enjoyed by more than 200,000 people and involved 10 separate Aboriginal communities and more than 250 Aboriginal Australians. It raised more than A\$1.3 million in direct earnings for the community through the sale of artwork and cultural material, as well as indirect income (from follow-on sales and opportunities) of more than A\$500,000.

The entire collection of artwork and cultural/historical material produced through the project was purchased by the National Museum of Australia for A\$900,000.

WAIO also assisted in helping FORM establish The One Road: Canning Stock Route Project interactive web site that gives Aboriginal contributors and their communities access to all of the cultural resources contributed to the project in their own communities. The Canning Stock Route Project Library, is an online repository of the project's vast content archive and offers participating communities instant, simultaneous and ongoing digital access to their cultural heritage materials. The repository is also accessible to the general public for educational purposes.

Timing	2006 to 2011
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Investment	A\$120,000
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'When kartiya (non-Aboriginal people) come along to this exhibition and read this book, we hope they learn the history of the Canning Stock Route from the paintings and stories of Aboriginal people. People will find out about how Canning worked, and how people are still connected to the land and still pass down the story.'

Ngarralja Tommy May, Putuparri Tom Lawford, Murungkurr Terry Murray, Artists

Girls academy helping to realise young aspirations

Newton Moore Girls Academy ▶ Australia

Our Worsley Asset is partnering with Role Models and Leaders Australia to deliver a Girls Academy at Newton Moore Senior High School in Bunbury, in the south west of Western Australia. It is one of several Role Models and Leaders' academies across Australia that focus on Aboriginal girls in Year 7–12 who experience poverty, sickness, misfortune or disconnectedness from their communities. The aim is to provide life and educational support programs to empower the girls.

The 'academies' that Role Models and Leaders Australia designs provide a unique curriculum that complements the formal education delivered by a school. Programs have been developed specifically to ensure that girls achieve the necessary skills for further education, training and employment, and at the same time have the opportunity to improve their sporting and life skills.

Our initial involvement was through financial support, while Newton Moore Senior High School, together with state and federal government education and training entities, were also involved in the establishment and funding of the academy.

Since 2011, members of our local Worsley Asset team have taken a more active role, including taking a position on the academy's advisory committee, employing a school-based trainee from the academy and establishing a partnership group that allows female employees to provide informal employment and career insight, as well as mentoring, to the students.

With this support, the Newton Moore Girls Academy is enhancing Aboriginal girls' participation and achievement at school and beyond. The project had clear goals around enrolments and retention, attendance and post-education employment rates.

Timing	2011 to 2014
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Investment	US\$120,000 over three years
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'The academy's success in engaging young Indigenous women is evident in a range of areas, not the least of which is the growing confidence of the young Indigenous girls to take on leadership roles at the school level. Enrolments, attendance and participation has increased and significantly benefited the broader community.'

2012 school year evaluation

Strong governance, strong communities

Indigenous Governance Awards ▶ Australia

The Indigenous Governance Awards (IGA) were created by Reconciliation Australia in partnership with BHP Billiton in 2005 to identify, celebrate and promote effective governance within Aboriginal and Torres Strait Islander organisations.

Reconciliation Australia is the national organisation promoting reconciliation between Aboriginal and Torres Strait Islander peoples and the broader Australian community. Fostering good governance in communities is a key priority for BHP Billiton, given the powerful relationship between effective governance and economic empowerment for the community.

The awards recognise efforts to promote and improve governance success across Australia for the social and economic wellbeing of Aboriginal and Torres Strait Islander peoples and communities.

The awards have grown increasingly popular in recent years, jumping from 27 applications in 2010 to a record 107 in 2012. The 2012 finalists included some of Australia's most well-known and respected Aboriginal and Torres Strait Islander organisations, such as Ngaanyatjarra, Pitjantjatjara and Yankunytjatjara (NPY) Women's Council, the Secretariat of National Aboriginal and Islander Child Care (SNAICC) and the Warlpiri Youth Development Aboriginal Corporation.

Finalists have been consistently recognised elsewhere by third parties, including being noted as indicators of success in the Productivity Commission's 2007, 2009 and 2011 Overcoming Indigenous Disadvantage Reports.

In 2010, BHP Billiton and Reconciliation Australia launched the Indigenous Governance Toolkit. The kit stands alone as the only comprehensive and freely accessible online resource targeting Aboriginal and Torres Strait Islander organisations and communities.

BHP Billiton and Reconciliation Australia have recently signed a new agreement to ensure the IGAs continue for at least the next four years.

Timing 2005 to 2017

Investment US\$1.2 million over four years

'My work on these awards has changed my view of the world, changed my approach to what I do. What these people are achieving and how they do what they do has come to inform everything I say and everything I stand for in promoting the wellbeing of my people.'

Prof Mick Dodson, Chair, Indigenous Governance Awards

'In building our governance community, BHP Billiton has been with us every step of the way. Their support enables us to not only identify and promote effective Aboriginal and Torres Strait Islander governance, but to build a store of invaluable knowledge about what works and why. Our job is to share this around the nation, to help breed that success and see it replicated in all our communities.'

Leah Armstrong CEO Reconciliation Australia

Sport a springboard for community wellbeing

Kirtland Youth Association ▶ United States

Supported through funding from our New Mexico Coal Asset, the Kirtland Youth Association (KYA) helps children come together to learn and participate in sporting activities that will enhance their physical and social wellbeing. KYA was established in 1997 to deliver educational, recreational, and social programs to the youth of the San Juan River Valley.

Structured and safe youth development programs are rare across the Navajo Nation, and KYA develops, organises and conducts activities that provide a safe and wholesome environment for the youth of this region. Eighty-five per cent of the youth are Native American and Navajo, 18 per cent come from single parent homes and 67.7 per cent come from homes where both parents work outside the home.

KYA provides programs for school-aged children, thereby allowing single parent homes and dual working parents peace of mind. KYA offers an after school program, a summer program and many sports programs open to any student in the community, grades one to eight. The KYA operates two facilities, one in Kirtland, New Mexico, and the second in Ojo Amarillo, New Mexico.

The association enrolled approximately 814 children in 2012 and 840 children in 2013. Given the community's steady and increasing demand for the association's programs, a new facility has been constructed and various improvements are underway, including portable bleachers, additional recreation equipment and an outdoor playground area.

Timing 2010 to 2013

Investment US\$160,000 to date

Sustainable change to alleviate poverty

ANDA Project ▶ Colombia

BHP Billiton Sustainable Communities (BSC) is supporting the five-year ANDA project run by Global Communities.

The ANDA project aims to create sustainable change that alleviates poverty and hardship for vulnerable populations living in the Córdoba region of Colombia, including internally displaced persons, women, youth, afro-Colombians and Indigenous persons.

Global Communities is an international non-profit organisation that works closely with communities worldwide to bring about sustainable changes that improve the lives and livelihoods of the vulnerable. Global Communities addresses the root causes of poverty and provides opportunities for families to break the poverty cycle by implementing a concentrated and integrated development approach in six targeted municipalities of Córdoba – Montelíbano, Puerto Libertador, La Apartada, San Jose de Ure, Buenavista and Planeta Rica.

In these rural municipalities, the project will help communities advocate for resources with governments and improve the ability of local governments to access municipal, departmental and national resources.

The project is focused on increasing access to basic services, including education, healthcare, water, sanitation and housing, as well as identifying economic opportunities.

During the first year of the program, 18 communities were selected to participate and established community management committees involving almost 450 people. Most communities had completed mapping their existing resources and were on the way to identifying community potential, agreeing priority projects for implementation and developing a long-term community plan. A further 18 communities will participate in the program in its second year.

Global Communities has contracted the San Isidro Foundation to be a local implementing partner for this component of the ANDA Project, leveraging its existing knowledge and relationships in the region.

The San Isidro Foundation was established by Cerro Matoso to deliver its community development projects and has worked in the region for many years.

In the cities of Monteria and Cartagena, the program's initiatives are designed to increase formal employment and support entrepreneurship. Success in income generation has a positive impact on quality of life with respect to education, health, housing and financial stability, which reduce the impact of future economic challenges.

Recognising the importance of local involvement and ownership, we ensure that all actions are implemented by local-level stakeholders and supported by the ANDA team, who provide strategic guidance, technical assistance and oversight.

Timing 2013 to 2018

Investment US\$28.7 million over five years

Kicking goals for longer, healthier lives

Clontarf Youth Pathways ▶ Australia

With the support of our Nickel West Asset and in partnership with the Clontarf Foundation, the Clontarf Youth Pathways project tackles the challenges faced by many young Aboriginal people in Australia. The Clontarf Foundation uses sport to break the cycle of disadvantage and generational unemployment by working to improve the education, discipline, self-esteem, life skills and employment prospects of young Aboriginal men, and in doing so, equip them to participate more meaningfully in society.

Teenage Aboriginal males have a life expectancy that is 17 years lower than their non-Aboriginal counterparts. Aboriginal males have school truancy rates of close to 45 per cent; exhibit high levels of drug, alcohol and substance abuse; and more frequently engage in anti-social behaviour, often leading to crime.⁽¹⁾

The project harnesses Aboriginal boys' passion for football to attract them to school. Full-time, locally-based Clontarf staff ensure the boys attend school regularly and apply themselves to their studies. The boys participate in site visits to BHP Billiton operations and are exposed to various career opportunities, including apprenticeships, within the resource sector. With further help from Clontarf staff, the boys are assisted in their transition into employment or further training/study and supported post school.

In 2013, Clontarf completed the year with 2,581 students in 54 schools across Australia:

- ▶ 253 students completed Year 12, with 181 of these successfully achieving a recognised Year 12 graduation.
- ▶ The number of students completing a VET (Vocational Education and Training) Certificate continues to grow, with 257 Year 10, 11 and 12 students completing a full certificate in 2013.
- ▶ Eight of the graduates were accepted into university in 2014.

Timing 2006 and is ongoing

Investment A\$1.55 million over eight years

(1) Australian Bureau of Statistics, Australian Institute of Health and Welfare (2008) The health and welfare of Australia's Aboriginal and Torres Strait Islander Peoples 2008.

Disaster relief

We recognise the need to provide humanitarian assistance in times of crisis. Our employees play a central role to assist those in need.

Experience has shown that timely response is critical to disaster relief efforts. By supporting emergency relief soon after a natural disaster, we are able to help attend to people's basic needs, such as food, shelter, water, security and medical aid. Longer term, the rebuilding of infrastructure and ensuring basic needs are continuing to be met are important activities, where assistance is vital.

Our employees are quick to respond after natural disaster strikes. If disaster occurs in regions where we operate, we pitch in to provide in-kind assistance, such as supplying equipment to clear away debris, providing transport and logistics expertise, and volunteering in clean-up activities. Through our BHP Billiton Matched Giving Program, the benefit of our employees' generosity is multiplied by the Company double-matching their contributions.

From 2009 to 2013, BHP Billiton Sustainable Communities provided US\$19.3 million for disaster relief activities, around the world, in places where BHP Billiton has a business presence and in places where the scale of the need simply drove us to respond.

Case studies

[Typhoon Haiyan](#)

[Mozambique Floods](#)

[Chilean Earthquake](#)

[Horn of Africa Drought](#)

[Cyclone Oswald](#)

[Australian Bushfires](#)

Volunteering with the Bullsbrook Volunteer Fire Service in Perth, Australia, is just one of the ways our employees are contributing to community management of natural disasters.







Australian Red Cross/Finnish Red Cross/Jarkko Mikkonen

BHP Billiton's donation helped Red Cross provide clean water for hundreds of thousands of people in the Philippines after Typhoon Haiyan damaged or destroyed vital infrastructure. ▲

Helping communities recover after Typhoon Haiyan ► Philippines

Typhoon Haiyan was one of the most powerful on record, causing widespread destruction across the Philippines and surrounding countries. It hit the Philippines on 8 November 2013, killing more than 6,000 people in that country alone. UN officials estimate around 11 million people have been affected by the typhoon, many of them rendered homeless.

In response to the devastation caused by Typhoon Haiyan, BHP Billiton Sustainable Communities donated A\$500,000 to the Red Cross Typhoon Haiyan Appeal.

The appeal has assisted hundreds of thousands of people in emergency relief and the recovery process. Specifically, it has supported water, sanitation, shelter and health initiatives; funded specialist aid workers to conduct initial assessments and longer-term disaster management operations; and aided Red Cross long-term projects in affected areas. The appeal has also funded the construction of temporary classrooms to help children in typhoon affected areas to return to school.

Helping bring relief to flood-ravaged communities ► Mozambique

In 2011, significant flooding affected Mozambique, resulting in more than 30,000 people being displaced from their homes. Non-government organisations provided emergency relief at the time of the event, but they, along with the national government, were still restoring livelihoods for flood-affected people and looking to build their disaster preparedness capacity almost 12 months after the event. In response, BHP Billiton Sustainable Communities (BSC) made a donation of US\$500,000 to the Mozambique Red Cross Society to provide additional humanitarian support, in January 2012.

Seasonal floods again ravaged southern Mozambique in early 2013. The heaviest flooding in over a decade to hit southern Mozambique affected more than 240,000 people and destroyed towns and livelihoods. The hardest hit area was Gaza Province, where some 176,000 people were displaced.

Soon after the disaster struck, Mozambique Red Cross activated their Local Disaster Management Committees in the affected areas, carried out rapid assessments and disseminated early warning information for the population in risk areas. It set up the first tents in Chiaquelane camp and a water trucking distribution system to accommodate the needs of the displaced population in the first days of the emergency. A further BSC donation of US\$500,000 facilitated the Red Cross response, enabling emergency hygiene, medical and shelter items to be distributed.

Relief aid and rebuilding helps speed recovery ► Chile

On 27 February 2010, an earthquake registering 8.8 on the Richter scale rocked Chile's Central-South Region, leaving almost 2 million victims and damaging nearly 500,000 homes.

BHP Billiton Sustainable Communities (BSC) contributed US\$1.5 million to the Chilean earthquake relief not-for-profit organisation Fundación Un Techo para Chile, and our Chilean operation, Minera Escondida, contributed a further US\$1.5 million to relief efforts.

Just 63 kilometres from the epicentre, in the city of Cauquenes, the public school, Liceo Claudina Urrutia de Lavín, was severely damaged. In March 2010, Minera Escondida approached the school's administration with a proposal for a joint design and construction of an all-new educational facility to completely replace the destroyed former structure, and to become an attractive community meeting place, restoring a sense of pride to the inhabitants of the city of Cauquenes. Minera Escondida also helped to rebuild Liceo Mariano Latorre, a public school in the city of Curanilahue.

Both schools were well known to our Chilean operations, as they form part of a network of leading public schools being assisted by Fundación Chile, one of the nation's foremost technology transfer institutions. The Minera Escondida Foundation has been a part of this program since 2008.

This project is unique in its design and incorporates leading edge architecture for an eco-friendly construction that meets LEED certification standards. Its design has been influenced in part by consultations with members of the school community and local residents. More than 20 technical round tables were held with each of the schools' Boards, teachers, students, the local community, and local and regional governmental authorities. This allowed developers to include the elements needed to facilitate the establishment's own style of educational delivery.

In addition, to take full advantage of the opportunities offered by the new infrastructure, the school construction process received advisory and technical assistance from Fundación Chile, primarily aimed at strengthening support for the teaching systems and management capacities of the administrative teams.

'This is really going to be one of the best schools in Chile.'

Former President Sebastián Piñera during a visit to the Liceo Claudina Urrutia de Lavín in April 2013

Easing the impacts of drought (Horn of Africa) ► Africa

Between July 2011 and mid-2012, a severe drought affected the entire East Africa region. The drought caused a severe food crisis across Somalia, Kenya, Ethiopia, Uganda and Djibouti, threatening the livelihoods of 9.5 million people. In response, BHP Billiton Sustainable Communities (BSC) made a US\$500,000 donation to the United Nations World Food Program's (WFP) School Meals program to provide food and nutritional assistance to people affected by drought in the region.

Supported by the donation, WFP's School Meals Program played an instrumental role in keeping children in school during the drought by providing daily meals and take-home rations to more than half a million school children across the Horn of Africa.

Aid for victims of Cyclone Oswald ► Australia

In January 2013, Cyclone Oswald struck Queensland and New South Wales, Australia, causing major flooding, three deaths and resulting in an estimated A\$2.4 billion worth of damage to local communities.

In response, BHP Billiton Sustainable Communities (BSC) donated A\$1 million to the Red Cross Queensland Flood Appeal. The donation from BSC helped the Australian Red Cross provide humanitarian aid and emergency supplies to the many people in need.

Support for bushfire victims in New South Wales ► Australia

In October 2013, a series of bushfires swept through the Australian state of New South Wales. Fuelled by unusually warm and dry weather, strong winds and ample bushland, the fires grew quickly and spread into residential areas.

At the peak of the disaster, more than 100 fires were burning simultaneously across New South Wales. A state of emergency was declared as conditions worsened to be the most dangerous in 40 years.

In response to the impact of the bushfires on local communities, BHP Billiton donated A\$500,000 to Red Cross emergency response and recovery work in New South Wales from the BHP Billiton Sustainable Communities charity.

Red Cross worked to provide support for affected communities, including the 193 families who lost their homes in the fires.



'The knowledge that what we did today will benefit the community not just now and tomorrow, but for years to come; it makes you proud to have been part of that.'

Chad Lizdenis, BHP Billiton employee and Bush Blitz volunteer

The Bush Blitz program is a conservation initiative founded to discover, document and describe Australian flora and fauna.

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Cover image

The Educational Support Plan in Colombia is providing educational aid and institutional support to enhance school performance for children and young people from the most vulnerable and lowest-income backgrounds in the communities of Alto San Jorge, Córdoba.

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