



Advance Sustainably



Rosa García Pineiro (RIGHT), Alcoa Foundation President, and Murdoch University researcher Dr. Alan Cottingham in the Peel-Harvey Estuary. Rosa is holding a 'valvometer', which was developed specifically for the project to determine the health of the mussels.

Letter from the President

Creating sustainable value in communities requires strong partnerships. At Alcoa Foundation, we are fortunate to work with leading nonprofit organizations and local stakeholders that are equally committed to acting now to achieve long-term economic, environmental and social impacts.

In 2019, Alcoa Foundation invested nearly \$6 million in initiatives executed by our nonprofit partners—often with support from Alcoa employees and community volunteers. Their efforts addressed the current and future restoration of an estuary in Western Australia and a river in Spain; provided opportunities for young people in the Brazilian Amazon to develop entrepreneurship projects based on sustainable business principles; conserved vulnerable habitats around the world by planting trees; and enabled teachers to better provide vocational and environmental education to students with special needs in Suriname.

In addition to creating sustainable value, these initiatives addressed our two strategic focus areas:

- Promoting the prevention of, and resilience to, climate change; and
- Restoring and preserving biodiversity.

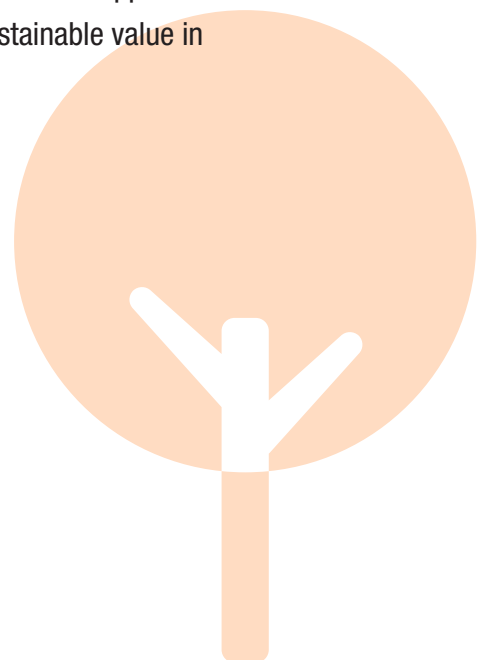
We looked inward during the year to see how we could measure the longer-term impacts of our programming and be more intentional in aligning these impact metrics with the U.N. Sustainable Development Goals. Concurrently, Alcoa made “advance sustainably” one of its three strategic priorities. This convergence of focus will inform our future grantmaking, and we are excited about the possibilities.

I would like to express the Foundation’s deepest appreciation to our nonprofit partners, Alcoa employees, community volunteers, local stakeholders and Alcoa leadership for their support and encouragement during 2019. Working together, we will continue to create sustainable value in communities around the world.



Rosa Garcia Pineiro

President, Alcoa Foundation
Vice President, Alcoa Sustainability



Our Global Mission

**Sustainable
Development**



**Biodiversity
Conservation**



**Climate
Change**



Alcoa Foundation invests in communities around the world—where Alcoa has a presence—to address local needs in a sustainable manner.

Our funding priorities are guided by two key themes:

- **Climate Change:** Promoting the prevention of and resilience to climate change
- **Biodiversity:** Investing in the restoration and preservation of biodiversity

One-half of Alcoa Foundation's budget is earmarked for our global signature partnerships. The balance is allocated to Alcoa operating locations that develop hands-on, localized strategies to address specific community needs and interests, particularly in the areas of Environment, Education, Governance and Community Enhancement.

Contributed in 2019

\$2.8 million to signature partnerships addressing climate change and/or biodiversity issues

\$3.1 million to address specific local community needs

9,999 service hours



Our Impact in 2019

Sustainable Development

Contributed \$3.87M to environmental causes

5,921 individuals trained to support environmental causes

62,419 tons of CO2 reductions

105,880 kWh of energy reduced

589 tons of material recycled

61 bodies of water protected

7,850 acres of land protected

280,295 trees planted

Employee Engagement

9,999 service hours volunteered

14% of Alcoa volunteers in 2019

\$620K raised for non-profits by Alcoa employees through participation in dollars for doers programs*

*This specific program is supported by Alcoa Corporation

OPPOSITE PAGE, LEFT: Luc Bourassa, Director of Human Resources and Communications at the Baie-Comeau smelter, in the center, presents a Foundation grant to representatives from Cégep de Baie-Comeau, the local college.

OPPOSITE PAGE, RIGHT: Alcoa Foundation Scholars participated in an environmental education excursion led by NatureBridge staff at Yosemite National park in summer 2019.

BELOW: Alcoa Warrick employees participated in volunteer projects across the community for the Annual Day of Caring.



Our Programs

From educating the next generation of sustainability leaders to supporting projects that help preserve important ecosystems, Alcoa Foundation invests in programs dedicated to furthering environmental excellence worldwide.

The following are some examples of our programs from 2019:

American Forests

Hundreds of thousands of trees around the world are now helping conserve biodiversity and mitigate climate change, all of which was made possible by a long-term partnership between Alcoa Foundation and American Forests. The latest three-year iteration of the partnership resulted in 7,000 volunteers restoring 121 hectares (300 acres) of forest by planting 230,000 trees.

PHOTO: Volunteers plant trees along the Nooksack River in the U.S. state of Washington.



IUP Research Institute

Teachers in Suriname are providing potentially life-changing vocational and environmental education to students with special needs through a collaboration between IUP Research Institute and Vanguard Community College. The program provides teacher training on age-appropriate methods for teaching these students life and job skills that are needed in Suriname. Teachers are also equipped with skills and resources to begin environmentally focused initiatives in their schools.

PHOTO: Children learn skills in sustainable gardening and composting at a special education school in Suriname.



The Nature Conservancy

The Nature Conservancy is investigating options for restoring the Peel Harvey Estuary in Western Australia, which is internationally recognised as a wetland of significance. A key focus is re-establishing mussel reefs to restore the ecosystem. In order to determine the best places to install the reefs, native mussels fitted with tiny valves to assess their health were placed in cages through the estuary. The results of the research are now informing the second phase of the project, which will scale up reef restoration and involve the communities affected.

PHOTO: The Nature Conservancy employees (from left) Fiona Valesini, Theo Kearing and Alex Hams discuss the Alcoa Foundation-funded Peel Harvey Estuary Project with Steve Fisher of the Peel Harvey Catchment Council and Bindjareb Noongar Traditional Owners Joseph Anderson, Franklyn Nannup and Harry Nannup (seated).



Centro de Empreendedorismo da Amazônia

Youth and young adults living in the Brazilian Amazon are developing ideas for entrepreneurship projects based on sustainable business opportunities through the Centro de Empreendedorismo da Amazônia's Juruti Up Project. In workshops and boot-camps, participants are learning how to develop business plans that focus on forestry, biodiversity, agroforestry, sustainable agriculture, fishing, tourism, gastronomy and more.

PHOTO: Participants in the Juruti Up Project learn about sustainable entrepreneurship and exchange business ideas during a workshop.



Universidade da Coruña

A research project at the Universidade da Coruña in Spain is laying the foundation for restoring the Monelos River, which once was a rich economic, cultural and social contributor to the city of A Coruña. In addition to studying the river's ecosystem and developing a restoration action plan, the project is raising environmental awareness by engaging with a wide array of stakeholders, which is a great way to engage the community in environmental programs in urban areas.

PHOTO: Dr. Alberto Varela Garcia led a panel at the Centre for Technological Innovation in Building and Civil Engineering on the possible methodologies of restoration of the river Monelos and enhancement of its natural course in an urban environment.



Our Partners

Alcoa Foundation believes that partnerships and collaboration are fundamental to achieving results. We provide funding and support to best-in-class nonprofit organizations worldwide, recognized for their impact and reputation. We would like to thank our partners for the critical work that they do to make the world a better place.

Academos Cybermentorat	Fundación LABoral Centro de Arte y Creación Industrial	Soil Conservation Service of Iceland
American Forests	Greening Australia	Stichting Asigron
Austurbru ses	Holly's House, Inc.	Stiftelsen FEE Norway
Back the Pack, Inc.	IES María Sarmiento	Table de concertation des aînés de Portneuf
BirdLife Australia	Instituto do Homem e Meio Ambiente da Amazônia	The Asia Society
Boys & Girls Club of Massena	International Union for Conservation of Nature and Natural Resources-US (IUCN-US)	The Back Lot Foundation
Boys and Girls Club of Whatcom County	IUP Research Institute	The Recycling Partnership
Calhoun County Independent School District	JeunEsson Portneuf	Town of Newburgh
Carrefour jeunesse-emploi de Portneuf	Junior Achievement of Southwestern Indiana	Tri-State Public Teleplex, Inc.
Carver Community Organization	Koch Family Children's Museum of Evansville	Trois-Rivières Foundation for Sustainable Development
Cégep de Baie-Comeau	La Tablée des Chefs	Tropenbos Suriname
Center for Strategic & International Studies	Les filles et les sciences, un duo électrisant!	Trustees of Boston College
Centre Le Havre de Trois-Rivières inc.	Massena Drug Free Community Coalition	United Way of Southwest Louisiana
Centro de Empreendedorismo da Amazônia	Miljøstiftelsen Bellona	University of A Coruña
Comité ZIP de la Rive Nord de l'Estuaire	Municipalité Ste-Cécile-de-Lévrard	University of Akureyri
Comité ZIP Les Deux Rives	National Wildlife Federation	University of Houston-Victoria
Committee Encouraging Corporate Philanthropy	Nature Conservancy	University of Western Australia
Conseil de développement du loisir scientifique—Réseau Technoscience	NatureBridge	Verkmenntaskóli Austurlands
Conselleria de Educación e Ordenación Universitaria de la Xunta de Galicia	Naturvernforbundet i Østfold	Victoria College Foundation Inc.
Cornell Cooperative Extension of St. Lawrence County	Nooksack Salmon Enhancement Association	Warrick County School Corporation
Corporation des lieux historiques de Pont-Rouge	Ouachita Baptist University	Warrick County Soil & Water Conservation District
Earthwatch Institute	Owensboro Community and Technical College Foundation	Wesselman Park Nature Center Society
Earthworm Foundation	Parc Nature de Pointe-aux-Outardes	Western Washington University Foundation
EdConnect Australia	Peel-Harvey Catchment Council Inc.	Whatcom Community College Foundation
Foundation for the Students of Teleki Blanka Secondary School	Pennsylvania Women Work	Whatcom Land Trust
Foundation Vonzell	Reserve mondiale de la biosphère Manicouagan-Uapishka	Whatcom Literacy Council
Fundação para o Desenvolvimento Tecnológico da Engenharia	Reykjavik University	Wildlife Conservation Society
Fundación de ayuda contra la drogadicción (FAD)	SADC de Nicolet-Becancour	Wireless Neighborhoods
	Smoky Mountain Tourism Authority	WRI Brasil
		YOCO
		Young Mens Christian Association of Golden Crescent, Inc.
		Youth First, Inc.

Our Reach

The programs that Alcoa Foundation funded in 2019 spanned the globe, reaching communities with an Alcoa presence and beyond.

Australia

Willowdale
Huntly
Pinjarra
Wagerup
Kwinana



Brazil

Juruti



Canada

Baie-Comeau
Bécancour
Deschambault
Montreal



Guinea

Boké



Hungary

Székesfehérvár



Iceland

Fjarðaál



Norway

Lista
Mosjøen



Spain

Avilés
San Ciprián
La Coruña



Suriname

Paramaribo



United States



Gum Springs, Arkansas



Warrick, Indiana



Lake Charles, Louisiana



Pittsburgh, Pennsylvania



Massena, New York



Point Comfort, Texas



Ferndale, Washington

**Thank you to our
Board Members
for their dedication,
service and guidance.**

Otavio Carnevalheira

President Alcoa Brazil and Vice President Operations Brazil, Africa, Middle East

Anne-Catherine Couture

Manager, Communications and Government Affairs, Canada

Michael Gollschewski

Vice President Operations Australia, President of Alcoa Australia

Leigh Ann Fisher

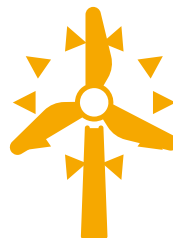
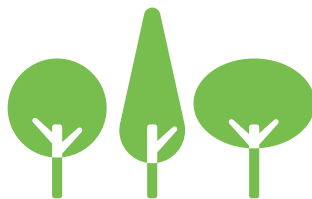
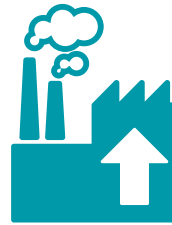
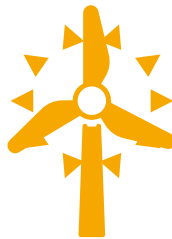
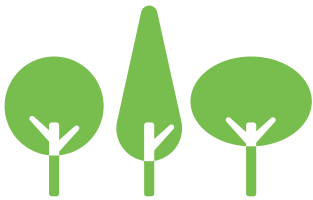
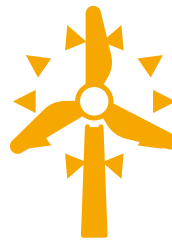
Executive Vice President, Chief Administrative Officer

William (Bill) F. Oplinger

Executive Vice President and Chief Financial Officer



Volunteers from Alcoa's Pinjarra Alumina Refinery and local community planted trees along Serpentine River on National Tree Day, including canopy species for endangered black cockatoos. This is part of the Three-Rivers Initiative supported by Greening Australia, Shire of Murray, and Landcare S.J.



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