

2019

# Sustainable development goals

# Overview



United Nations' Sustainable Development Goals

We know that real change relies on the world coming together to tackle the biggest issues facing the people and planet. En+ Group's robust focus on controlling its impact on climate and the natural environment align strongly with the ambitions of the United Nations' (UN) Sustainable Development Goals (SDGs).

The UN SDGs provide us – and governments, organisations and companies around the world – with a common framework. We were proud to join the worldwide network of the United Nations Global Compact this year and to reinforce our commitment to the SDGs - a global blueprint for achieving a better and more sustainable future for all.

Our environmental focus and our determination to improve the lives and wellbeing of our staff and our local communities around the world are reflected in our seven adopted goals.

They are: Goal 3 - Good Health and Well Being, 6 - Clean Water and Sanitation, 7 – Affordable and Clean Energy, 8 – Decent Work and Economic Growth, 12 – Responsible Consumption and Production, 13 – Climate Action, and 15 – Life on Land.

The unique qualities of aluminium make it a critical component in radically reducing the carbon footprint of multiple industries and aiding the successful transition to a low-carbon global economy. We are delighted that our hydropower generation allows us to power our aluminium production with a significantly lower carbon output than the industry average.

But, we also recognise that true control over our climate will only be achieved when businesses of the scale of En+ Group go much further to improve emissions, preserve the natural environment, and to provide economic growth, decent careers and better lives.

All of our activities and sustainability commitments will be guided by the SDGs. We are proud of what we are achieving across the Group and the positive impact we are having. However, we also know there is much more we can do. We will continue to not only enhance our sustainability performance, but to set increasingly clear targets for which we are accountable. I look forward to updating our stakeholders on sustained progress on this critical area.



Lord Barker of Battle,  
Executive Chairman of the Board  
of En+ Group



# Goals

## Goal 3

# Good health and well-being

**Our work to improve the health and well-being of our employees, their families and the communities in which we work**



Nothing is more important to us than the safety, health and well-being of our staff. In addition to offering a range of recreation and sports activities at all our facilities, employees at every one of our operations have access to high quality medical services. In Russia, Guinea, Guyana, Nigeria, Ireland and Jamaica our employees and local residents have access to world-class emergency and preventative healthcare.



## En+ Group programmes



### Relentless focus on Health and Safety

Health and Safety is at the heart of our business and a global HSE and management system has been adopted in all our production facilities. En+ Group has committed to the ongoing improvement of its system, to incorporate global developments and emerging best practice. In 2018, we began the work to update our OHS management system and align it with the new international standard, ISO 45001:2018. By the end of 2019, under leadership of Joan MacNaughton, Chairwoman of the Health, Safety, and Environment Committee of the Board, we will have developed and implemented new, company-wide HSE standards and KPIs.



### Access to high quality preventative and emergency healthcare

In Russia, the RUSAL Medical Centre (RMC) was established in 2005 to provide more than 45,000 members of staff and the local community with access to high quality healthcare and facilities. With a network of 14 clinics in the nine regions where we have operations, the RMC employs 560 highly-qualified specialists and offers world-class emergency medical care and, in accordance with Russian Federation legislation, regular medical check-ups.



### Specialist medical services

In Guinea, the dedicated medical service of Compagnie des Bauxites de Kindia (CBK) - a division of RUSAL - has two early treatment centres and three 24/7 clinics, providing CBK staff with high quality, free emergency and preventative medical care at the workplace. Locating our clinics near our facilities means workers can take advantage of examinations around the clock and at their convenience. Our emergency medical facilities are also available to local residents. The early treatment centres offer specialists in a range of disciplines including obstetrics and gynaecology, and we have a dedicated vaccination centre.



### World-class maternity facilities

RUSAL's Friguia bauxite and alumina complex (BAC) in Guinea operates two health centres and a 120-bed hospital with surgical and therapeutic departments. The hospital's maternity department, fully equipped with incubators, has safely delivered more than 7,000 babies since 2006. In accordance with the collective agreement, the hospital of Friguia provides services to workers and family members and offers advice and first aid to residents of Fria free of charge. Every year, it serves about 8,000 patients.



### Ebola treatment facilities and vaccine development

RUSAL has established a comprehensive response to help fight the spread of the deadly Ebola virus. In November 2014, we invested more than USD 10 million to establish the Clinical Research Center in Epidemiology, Microbiology and Medical Care project (CREMS) to provide quarantined care and treatment for those with the virus, screening services and to work on the development of an effective vaccine. Through CREMS, and in partnership with the Russian International Chamber of Commerce (ICC Russia) and the Ministry of Public Health, we developed the GamEvac-Combi vaccine, cited by medical experts as the most effective of all Ebola vaccines. Following presentation to the World Health Organisation in 2016, we introduced a testing programme in 2018 and have now vaccinated more than 2,000 citizens of Guinea against the threat of Ebola.

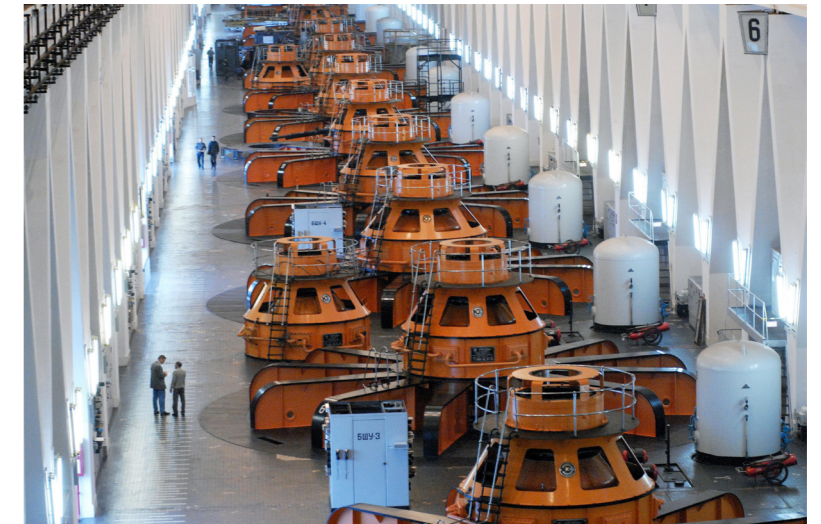


## Goal 6

# Clean water and sanitation

### Our work to manage our use of water and control the quality of natural water wherever we operate

Baikal, the world's oldest, largest and deepest lake, contains 20% of the planet's fresh lake water. Recognising the unique value of this natural environment, UNESCO added the lake to its list of World Nature Heritage Sites in 1996. The Angara is the only river flowing out of Lake Baikal and, since 1956, has been regulated by a cascade of hydropower plants ("HPPs"). These hydro-electric power stations are owned and operated by En+ Group, providing clean, renewable energy for our aluminium plants and the population of Siberia. We take our responsibility very seriously and have introduced a number of projects, with many more in the pipeline, to protect Baikal and the rivers of the region.



Minimising the Company's impact on water resources is one of the main focuses of En+ Group's environmental protection strategy, including:

- Decreasing the amount of fresh water used in operational processes;
- Decreasing the amount of waste water produced and the concentration of hazardous substances in them;
- Increasing water recycling.



## En+ Group programmes



### Environmental monitoring

En+ Group has established a scientific monitoring programme to monitor the quality of the water in Lake Baikal and analyse potential risks. Led by a specialist in hydrobiology from Moscow State University, a team of environmental experts from a range of academic institutions are investigating the causes behind a deterioration in the lake's ecology. The study is focused specifically on the quality and microplastic content of the water, disease affecting Baikal's natural sponges and the development of filamentous algae. We will use the outcomes and recommendations from the scientific team to further engage all stakeholders and local communities in order to jointly look for ways to solve the issues of Baikal.



### Wastewater treatment and water consumption reduction

We use water as part of our operational processes and so work hard to ensure we manage this natural resource responsibly. At our Power segment we are focused on reducing our water intake, introducing processes to reduce water losses, to improve the quality of wastewater treatment and installing new water-efficient equipment.



### 'Baikal 360'

In 2011, En+ Group established the 'Baikal 360' programme to help protect the lake and surrounding areas, one of Russia's leading eco-tourism destinations, from the impact of over 2 million tourists every year. 'Baikal 360' started as an annual six-hour 'clean up' to remove the litter and debris left by tourists; over the intervening years, however, it has grown into an integrated programme of events spanning the entire summer including scientific lectures, excursions and competitions designed to raise the importance of preserving the lake's unique environment. To date, more than 144,000 volunteers have joined us in helping preserve the beauty of Lake Baikal. Recently, En+ has also supported the development of ecological trails, allowing visitors to enjoy the wild surrounds of the lake in a safe and responsible way. En+ has also supported the development of ecological trails, allowing visitors to enjoy the wild surrounds of the lake in a safe and responsible way.



### Environmental Business School

The Environmental Entrepreneurship School Project (EESP) is a partnership between En+ Group and the Revival of the Siberian Land Youth Charitable Foundation – it is the only educational project in Russia dedicated to developing environmental entrepreneurship. Focused on Irkutsk and the region around Lake Baikal, its goal is to identify new ways to protect the environment and reduce the use of natural resources, and to work with small businesses to develop and implement them.



### Hydropower plant improvements

En+ Group's work at Lake Baikal also involves a series of upgrades to our own equipment at our hydropower station that sits on the outflow of Baikal into the Angara River. As part of our New Energy Programme, which is introducing digitization of our operations to increase efficiency and maximise renewable energy generation with a minimal impact on the lake or river, we have replaced the eight turbines with new equipment integrating cutting-edge blade wheels which ensure lubricant can never leak into the water.

## Goal 7

# Affordable and clean energy

### Our work to increase access to affordable and reliable renewal energy



One of En+ Group's main operations is the production of renewable energy that is used to power our aluminium plants and, critically, provides clean energy for the population of Siberia. We own and operate four HPPs, which are among world's largest in terms of installed capacity. In 2018, our HPPs produced 58.3 TWh of electricity, nearly 80% of the total volume of energy we generated. Renewable energy generation accounted for 77% of our installed electricity capacity in 2018

Our New Energy Programme is designed to maximise the efficiency and output of our HPPs reduce impact to the environment and our Renewables Development Programme is focused on the construction of an additional small-scale hydropower plant by 2022.

We are a member of the Energy Transitions Commission, allowing us to collaborate with the wider industry, share our own experiences and build on best practice from around the world.

## En+ Group programmes



### The New Energy Programme

In 2007, we launched 'New Energy', an ambitious programme to deliver the wide-scale modernisation and upgrade of our largest hydropower plants in Siberia. As a result of this programme, we are on track to generate 2 TWh more electricity from the same amount of water passing through our turbines by 2022. This further secures a reliable and high-quality power supply for the people of Siberia. Renewable energy replacing a percentage of the output of local coal power plants. Our forecasting indicates a cumulative reduction of 2.3m tonnes of CO2 per year.



### Research into future solar energy applications

En+ Group is an industrial partner to a research project of the Russian Ministry of Science and Higher Education. The project aims to develop new approaches to creating and improving the stability of photo-active materials based on 'hybrid perovskites', which have the potential to become the new photovoltaic component of next-generation solar modules.



### Forecasting weather impacts in Siberia

This is a significant research project that will create a predictive model to forecast the future water levels of Lake Baikal. The project utilizes historical weather data and combines this with automated AI data on future weather patterns. Understanding the water levels will increase our efficiency – ensuring maximum production of clean energy with minimal environmental impact. We will also share the findings with authorities responsible for setting flow rates through the region's hydropower plants. Water level fluctuations play a key role in shaping the life of flora and fauna around Lake Baikal. A more accurate forecast will help authorities optimise outflows from Lake Baikal to safeguard this local ecosystem. authorities optimise outflows from Lake Baikal to safeguard this local ecosystem.



### New hydro-power production facilities

In 2019, and in line with the state programme for the development of renewable energy, En+ Group was granted permission to develop the Segozero Small Hydroelectric Power Station in the Republic Karelia which, once operational, will have an installed capacity of 8.1 MW.

En+ Group has developed a number of small hydropower projects with a total capacity of approximately 200 MW. The Group will consider further specific projects based on the results of an in-depth feasibility study and environmental impact assessment.



## Goal 8

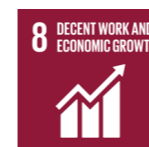
# Decent work and economic growth

**Our work to develop fulfilling, inclusive, long-term employment and to contribute to sustainable economic growth**



Our aim is to increase economic prosperity, through improved efficiency and industrial diversification, without impacting the natural environment. We have programmes in place to improve employment opportunities, protect

labour rights and promote safe and secure working conditions for all. Our education projects have been created to build students' interest in engineering and to improve their skills and employment opportunities.





## En+ Group programmes



### Engineering and Technology Centre

RUSAL's Engineering and Technology Centre (ETC) oversees all our scientific and technological development programmes. With R&D at its core, the ETC has successfully implemented a range of new technologies. An example of this is a project, launched in 2018 and delivered in collaboration with the National Research Technological University (NRTU) MISiS, to develop and market new types of aluminium-based products and materials which, in turn, will boost employment opportunities.



### Corporate University

En+ Group's corporate training programmes, which offer compulsory courses for all levels within the company, build on the standard, mandatory training required throughout the power and energy industries. We supported the creation of the Corporate Scientific and Research Centre (CSRC) at the Irkutsk National Research Technical University (IrNITU), which has, to date, trained over 300 specialists who are now employed at power facilities across Siberia.



### RUSAL Laboratory

RUSAL Laboratory has opened student initiative centres at a number of universities – Irkutsk National Research Technical University, Siberian State Industrial University, Siberian Federal University, and Volgograd State Technical University. These centres are innovative platforms facilitating interactions between talented university students and En+ specialists.



### Looking after our people

Our key HR objectives are the recruitment and retention of highly skilled personnel, increasing active involvement among employees, and creating working conditions that are conducive to professional development and the well-being of employees and their families. All our facilities comply with our policies on human rights, labour rights, and industrial safety standards, ensuring staff throughout the world enjoy the same level of job security and safe working conditions. Our social benefits have been in place for many years: financial aid; recreation at health resorts; a retirement plan; meal provisions; compensated housing costs; social security services for employees' children; and support for non-working pensioners.



### Education to support local communities

En+ Group has a range of education programmes that help build the skills and employability of young people and improve the local community. Our 'Professionals of the Future' project has established Robosib, the largest technology festival in Siberia; and our Corporate Scientific and Research Centre at the Irkutsk National Research Technical University has trained over 300 specialists who are now employed at power facilities across Siberia. In addition, our 'School of Urban Changes' project identifies, trains and supports local community leaders who, either independently or in partnership with RUSAL, can improve the quality of life in their communities through regional development projects.



### Local jobs for local people

At our facilities outside of Russia, our strict policy is to always recruit from the local population first and to only bring staff in from overseas when the necessary skills cannot be found among the regional communities. All our roles are immediately advertised to those living near our operations and we provide preliminary training for all those seeking employment.



## Goal 12

# Responsible consumption and production

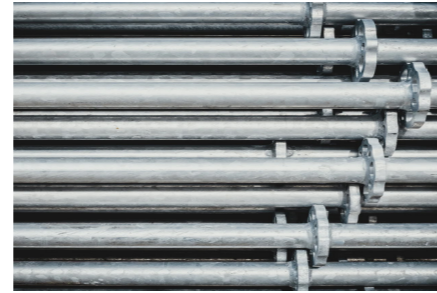
**Our work to consume natural resources responsibly and increase reuse of all materials in our operations**



En+ Group's main waste management goal is to increase recycling at every level across the company and, where waste is unavoidable, to ensure its safe disposal and storage. To achieve this, we are actively developing new waste sites and have introduced a programme to renovate and modernize our existing waste management processes and facilities. All our waste management sites are compliant with the necessary regulations. To minimise the amount of waste stored in these facilities, we are also working to reduce how much bauxite and nepheline residue (alumina waste) our Metals segment generates and the amount of ash and slag waste produced by the Power segment.



## En+ Group programmes



### Company-wide responsibility

At En+ Group, every part of the business is tasked with reducing both the consumption of natural resources and the impact of our operations on the environment. There is a plethora of initiatives in place across every one of our divisions and sites; these include:

- modernisation of existing production processes to achieve best-in-class benchmarks
- replacement or upgrades of gas cleaning equipment to reduce emissions to lowest possible levels and the construction of new gas treatment facilities with a unique 'dry' gas purification method
- development of closed circulating water supply systems and construction of modern sewage treatment plants to exclude discharge of untreated wastewater
- construction of waste facilities for processing, recycling and disposal of waste generated by our employees
- replacement and disposal of electrical equipment containing polychlorinated biphenyls (PCBs)
- full reclamation and redevelopment of disturbed lands and decommissioned waste disposal facilities
- investment in technology to develop new products from waste for internal use or sale to third parties

educating our workforce on their personal impact on the environment and climate and training them in ways to limit this by introducing key performance indicators.

### Red Mud project

Bauxite is an essential element in alumina production; a by-product of bauxite mining is 'red mud'. In 2018 we developed and tested technology that will enable us to extract valuable metal oxides, including scandium, from red mud. Our new technology and processes allow us to maximise the extraction of scandium while reducing the use of basic reagents. We continue to develop and improve the technology; in the first six months of 2019, we started production trials of improved processes developed in the laboratory.

### Reducing the use of pitch

In 2009, RUSAL's Engineering and Technology Centre designed a new generation of Søderberg cells, reinvigorating the traditional production technology. The new technology, named Eco-Søderberg, significantly cuts emissions while increasing production efficiency. The key benefit of the new technology is the use of colloidal anode instead of traditional anode paste. Colloidal anode contains a much lower content of pitch, which is the main source of tar substance emissions.

### Mining Waste

We have developed a plan to improve the safe storage of mud and ash – the by-products of mining – as our production increases. Our 'dry mud disposal process' eliminates liquid and significantly reduces the scale and impact of mud disposal areas. And improvements to our ash discharge plants allows us to safely handle larger quantities and extract the iron concentrate. Wherever possible, we put ash back into production, selling it to manufacturers of construction materials.

### Energy Waste

In the course of our power generation, we create ash and slag waste from coal. We are working with leading research centres and manufacturers to develop effective new waste management solutions and find potential alternative uses for the waste.

At Aughinish, Ireland, En+ Group's management of the Bauxite Residue Disposal Area (BRDA) is a leading example of waste management and land rehabilitation. The latest technology is used to treat the residue through an industrial mud farming process. For many years vegetation and screening programmes have improved the appearance of the area. One of the Company's priorities is to develop options for re-using bauxite residue, and Aughinish participates actively in European projects to develop and test technology to prepare bauxite residue for re-use, for example as an engineered inorganic polymer for construction materials.





## Goal 13

# Climate Action

### Our singular focus on reducing our 'carbon footprint'

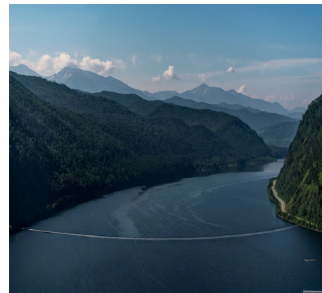


For the last decade, addressing climate change has been our number one sustainability focus. As one of the world's leading aluminium producers, RUSAL has put environmental protection at the heart of the business; its Climate Agenda is an integral part of its culture and drives activity across the company. The carbon footprint of RUSAL is one of the lowest in the industry thanks to renewable energy generated by our hydropower plants in Siberia. Across all En+ Group operations throughout the world, we abide by the Paris Convention and have set clear commitments to reduce our carbon emissions.

In 2007, we launched the Safe Future Strategy to reduce the impact of our operations on air quality and minimise the impact on climate. With a wide range of initiatives under this strategy, we were able to reduce the level of direct GHG emissions from our aluminium smelters by 53% between 1990 and 2014, 3% over (and a year ahead of) our commitment target.



## En+ Group programmes



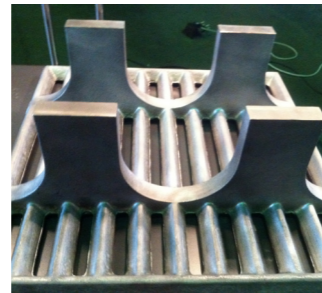
### Our commitment to transparency

We have published our five goals for combating climate change, and have detailed our aim of decreasing the carbon footprint of our aluminium. To achieve these goals, we have committed to not purchasing energy generated from fossil fuels, boosting our energy efficiency, and decreasing our greenhouse gas emissions. In 2016, we commissioned and published an in-depth third-party audit of the direct and indirect greenhouse gas emissions of our aluminium and alumina assets.



### Production of low-carbon aluminium

In 2017, as a part of its low-carbon production strategy, RUSAL launched ALLOW - certified low-carbon aluminium. Created using clean renewable energy from our hydropower plants, the carbon footprint of our ALLOW aluminium guarantees less than four tonnes of CO2 emissions for every tonne of aluminium, which is approximately 60% lower than the industry average. The ALLOW brand offers independently verified carbon footprint statements and is supplied to manufacturers across the globe.



### Unique inert anode production technology

The introduction of our unique inert anode technology has helped us dramatically cut the environmental impact of our aluminium production as its by-product is oxygen instead of carbon dioxide. Thanks to the new technology, the production of a tonne of aluminium will generate 925kg of oxygen, while CO, CO2, SO2, perfluorocarbons, polyaromatic compounds, benz(a)pyrene emissions will be completely eliminated. RUSAL is the only global developer to start testing inert anodes.



### A million trees

We are implementing Russia's first large-scale forest conservation and reproduction project – 'Forest Planting – one million trees' - to restore large areas of Siberian forest that have been affected by fires. Working closely with Russian authorities, we are using traditional planting practices and approved tree species. In accordance with existing standards, 4,000 thousand trees are planted on one hectare and the survival is monitored over the next five years. This standard guarantees a normal natural density of adult trees. Conservative estimates suggest that, on average, over the next 40 years the forests will absorb 4-5 tonnes of CO2/ha/year, or 1,250 tonnes of CO2 per year from the total area.



### Aerial forest protection

We have established aerial forest protection in the territory of the Nizhne-Yenisei forestry of the Krasnoyarsk territory to monitor forests and protect them from fires and pests. Aerial forest protection is the best way to control and rapidly respond to emergency situations that can lead to the destruction of forests, ensuring that equipment and manpower can be put in place as quickly as possible.



### Internal carbon pricing

En+ Group has set and upheld an internal carbon price to evaluate investment decisions since 2017. This allows us to assess the projects that need updating to ensure they contribute to our low-carbon development. RUSAL was also the first Russian corporate to join the World Bank's Carbon Pricing Leadership Coalition (CPLC) a global initiative providing public and private support for the implementation of carbon pricing.



### Climate Partnership of Russia

En+ Group was a founding partner of a unique Russian initiative, the Climate Partnership of Russia. The partnership, which comprises 21 Russian companies and organisations, encourages Russian companies to move towards more environmentally-sensitive production and introduce measures to support cost-effective investment in green technologies.

## Goal 15

# Life on land

### Our work to protect and restore land, land-based ecosystems and preserve biodiversity



En+ Group's production facilities are located across Russia and the world. However, the Group's main assets are located in Siberia, which is considered a unique ecoregion with rare plant and animal species only found in this area. Conserving biodiversity is a key principle of sustainability, which is why En+ Group is leading long-term projects aimed at preserving the region's biodiversity and conserving ecosystems.

En+ Group aims to rehabilitate any contaminated or disturbed land resulting from its operations. Its main focuses are disturbed land after open-pit mining activities have finished and waste disposal facilities such as ash dumps and landfills.

## En+ Group programmes



We conduct a wide range of long-term projects aimed at maintaining and preserving the biological diversity of the Nature Reserves. The Company have been monitoring the environmental pollution. Monitoring programme includes surveys the quality and condition soils, plants, water, bed sediments and snow cover. As a result of monitoring we receive data the used to assess the current condition of the environment and design solutions to reduce the potential impacts environmental of industrial facility. Moreover, the research results represent a unique and regularly-updated scientific database on the ecosystems.



### Protecting fish species

Since 2014, En+ Group has been funding an artificial fish breeding programme of certain species to support the stock levels of fish that are endemic to the region of the Angara River. We have successfully introduced more than 1.4 million healthy juvenile fish to rivers in the region over the last five years. In 2018 alone, the Company oversaw the release of more than 243,000 young peleds, or northern whitefish, into the Belaya River.



### Rehabilitation of the land

One of our most important responsibilities is the rehabilitation of the land we use in our operations. We ensure the safety of tailings dams by developing comprehensive land reclamation schemes as tailings approach the end of their service lives and when decommissioning ash and mud dumps.

Mining, refining and smelting disturb land and we recognise our legal and social responsibility to restore and rehabilitate. We develop detailed individual rehabilitation plans for each site that identify the risks, scope and resource requirements.

# Our focus for the future

At En+ Group we are proud of the progress we have made in our work to support the UN Sustainable Development Goals; our focus, however, is firmly on the future and the development of plans to build on our positive start.

We are determined to set global industry benchmarks in sustainability and environmental control through our renewable energy and aluminium production operations. All our development plans are underpinned by our core principles of transparency, collaboration and responsibility. In addition to our significant investment in R&D and scientific insight to help us identify and implement improvements that will reduce our impact on the planet, every area of our business is tasked with constantly challenging itself to find better, cleaner, more sustainable ways to operate.

But we are not only focused on reducing the carbon footprint of every aspect of our business, and mitigating the impact of our industrial sectors on the environment; we will also continue to work hard to improve the natural environment and the lives of people in the areas in which we operate.

In line with our commitment to transparency, we will be building independent audits and monitoring into all of our programmes from 2019. This will allow us to fully understand the impact they are having and ensure our programmes genuinely deliver a positive return for the environment. We will publish the findings of all our audits in our forthcoming Sustainability Reports.

## Our plans for additional programmes

### Our operations

We will be accelerating our New Energy programme to completely upgrade all of our hydroelectric assets between now and 2046, ensuring we have the most efficient and least-polluting systems in the industry. Alongside this, we will also be launching a digitalisation programme across our power and metal production facilities to improve their reliability and efficiency and to reduce their environmental impact. And we will continue to focus on the development of ground-breaking 'green technologies' that will drive standards forward across the renewable energy and metal sectors.

### Lake Baikal

The protection of Lake Baikal and its surrounding areas will continue to be a major focus of our investment. In addition to the programmes we have already introduced, over the coming year we will be developing and implementing a range of initiatives to improve the quality of the water and the life it supports based on the findings of the scientific studies currently underway. We are also planning to establish a Baikal 'task force' to collaborate with all parties that are involved in, and benefit from, the preservation of the lake. This will ensure that all programmes- public and private – aiming to improve the lake and the surrounding environment are coordinated and work together to generate even better outcomes.

### Biodiversity

Building on our work at Lake Baikal, we will be launching a range of activities designed to help protect Russia's precious natural biodiversity. These will include conservation of rare species, programmes to restore and protect threatened species, and the reclamation and restoration of land disturbed by industrial processes.

### Advocacy and collaboration

Our commitment to transparency and collaboration runs deep within En+ Group. We will continue to seek out the world's best scientific partners and will share our findings with industry, policy-makers and wider civil society. As part of this we will continue our active membership of the Carbon Pricing Leadership Coalition and, working with the World Economic Forum, aim to create a new industrial platform to support reduction of emissions across the entire aluminium industry. The Aluminium for Climate Initiative will build on WEF's existing 'Mission Possible' platform and will bring the industry together to focus on new technological and market-driven solutions to improve the environmental performance of the entire sector.

## Our international environmental partnerships



### Business Ambition for 1.5°C

The Business Ambition for 1.5°C represents a call-to-action, issued by a broad coalition of business, civil society and UN leaders, to make their critical and necessary contribution to keeping the global temperature increase within 1.5°C above pre-industrial levels. This follows the latest climate science indications that 1.5°C emissions targets are needed to limit the worst impacts of climate change.

En+ Group joined the Business Ambition for 1.5°C movement in September 2019 and committed to science-based emissions reduction targets (or "SBTi") aligned to a net-zero future.



### UN Global Compact

As a special initiative of the UN Secretary-General, the United Nations Global Compact is a call to companies to align their operations and strategies with ten universally accepted principles in the areas of human rights, labour, environment and anti-corruption, and to take action in support of UN goals.

The UN Sustainable Development Goals (SDGs) and the Paris Climate Agreement provide the most powerful common agenda the world has ever seen for achieving peace and prosperity on a healthy planet – with an essential role spelled out for business.

En+ Group joined UN Global Compact in August 2019, demonstrating its commitment to renewable energy and the production of low carbon aluminium.



### Energy Transitions Commission

The ETC is an alliance of global leaders from business, NGOs and academics working to answer one question: How can we provide the energy needed to support a growing global population and greater economic prosperity, without damaging our environment beyond repair? It works to provide decision-makers with research, analytics and policy insights, and engages public and private stakeholders to advocate ambitious energy transition strategies.

En+ Group joined the Energy Transitions Commission in July 2019 as part of its strategy to lead a global shift towards low carbon aluminium. The Group will support the ETCs research into reaching net-zero carbon emissions from heavy industry and collaborate with other members to identify the most effective actions to realise this goal.



### International Hydropower Association

The International Hydropower Association (IHA) is a non-profit membership organisation committed to advancing sustainable hydropower. Formed under the auspices of UNESCO in 1995 as a forum to promote and disseminate good practice about hydropower, IHA champions continuous improvement and sustainable practices across the sector. Its mission is "to advance sustainable hydropower by building and sharing knowledge on its role in renewable energy systems, responsible freshwater management and climate change solutions".

Eurosibenergo, the Energy subsidiary of En+ Group, joined the IHA in 2017.

