Our commitment to sustainability in logistics.
CO2 neutral transport is available for all our customers

“Sustainability has many facets. For us, at Kuehne + Nagel, sustainability means creating a corporate culture of sustainable behaviour in the first place. However, the concept of sustainability is also reflected in our services. We already offer several sustainable solutions today and will continue to expand them in the years to come. We understand that at the same time, it is becoming more and more important for our customers to achieve sustainable efficiency with the least possible environmental impact. With „Net Zero Carbon“ we address CO2 reduction in transport and logistics services worldwide. In addition to our own CO2 neutrality, we offer our customers solutions for reducing their supply chain’s CO2 footprint, using new digital platforms supporting the selection of services and modes that emit substantially less CO2.”

Our path to CO2 neutrality – visibility, reduction, offsetting

Our 2030 target of neutralising our carbon emissions and our customers’ transport CO2 footprint is ambitious. It demands that we commit to implementing green initiatives into our everyday activities around the world, and to assisting our customers in achieving their own bold environmental targets.

Through our “Net Zero Carbon Footprint” initiatives we offer environmentally friendly, sustainable and innovative supply chain solutions that reduce CO2 emissions.

Advanced CO2 visibility through big data and predictive analysis enables us to see and reduce our CO2 emissions, and accurately offset those emissions. Our customers will be offered full visibility of their shipping-related emissions in our SeaExplorer and CO2 calculator platforms so they can choose the most environmentally conscious services.

With regard to reduction, for example, individual biofuel and synthetic fuel solutions are elaborated on a trial basis in cooperation with carriers. In addition, we are working with the Global Maritime Forum on the Getting to Zero Coalition to accelerate the development of zero-emission ships by 2030.

In spite of all our efforts at reduction, CO2 emissions cannot yet be 100% avoided. Our strong carbon offsetting programme allows like-missioned customers to fully offset their CO2 emissions.
CO2 Compensation

CO2 neutral supply chains with Kuehne + Nagel

Technological progress is helping to reduce emissions, but as GDP growth causes an up to two fold increase of global transports, emission reduction activities are outpaced by economic growth. The time to act is now. Carbon offsetting is a recognised mechanism that allows companies and individuals to counterbalance CO2 emissions of a shipment that cannot be avoided through savings.

This will be achieved by committing to a reduction in our collective carbon emissions through projects that protect and renew our planet by taking CO2 out of the atmosphere.

Kuehne + Nagel partners with nature based redevelopment and protection projects around the world that help reduce greenhouse gas emissions while improving the livelihoods of local communities and preserving biodiversity and wildlife. These projects are verified by independent organisations with the highest internationally recognised standards, and use the UN Sustainable Development Goals (SDGs) as guides toward impact.
This is how CO2 offsetting works

Unavoidable CO2 emissions? We can help.

CO2 emissions of shipments cannot be 100% avoided. Until they can be technologically reduced to zero they can be offset via Kuehne + Nagel...

CO2 credits are generated to prove that a certain amount of CO2 emissions has been offset and that the shipment has been CO2 neutralised. One CO2 credit neutralised 1 tonne of CO2.

...by investments in nature based projects around the world that help reduce greenhouse gas emissions by taking CO2 out of the atmosphere. Kuehne + Nagel provides audited CO2 emission calculations.

These independently verified projects offset CO2 emissions of transports. The project portfolio is expected to grow over time, increasing your benefits.

As a leading global logistics provider we acknowledge the responsibility we have to the environment, to our ecosystems and to humanity.

Join us in being responsible stewards of our planet and its people.

For further information visit our website www.kn-portal.com/environment

Or contact your local Kuehne + Nagel representative to learn more about offsetting the environmental impact of your supply chain.

Your benefits

- **One clear message.** 100 % CO2 neutral supply chain
- **Worry-free.** Auditing by an independent party
- **Simple.** You order – we arrange everything on your behalf
- **The right thing to do.** Projects have a positive impact on climate and on society
- **Transparent.** Monthly invoices are bundled with the shipments
- **Show the impact.** At the end of each year you can receive a certificate and report of impact
- **Share the story.** Tell your customers that your supply chain is CO2 neutral
Our projects protect forests

Importance of forests as storage for CO2

One hectare of forest filters up to 50 tonnes of soot and dust from the air, generates around 100,000 cubic metres of new groundwater, releases 15-30 tonnes of oxygen per year, and binds 10.6 tonnes of CO2.

It is not enough to stop this reservoir from being plundered in order to limit the rise in our atmosphere’s temperature. This living CO2 reservoir must be protected and afforested as nature has the potential to provide more than one third of the climate solution by 2030.

Nature based solutions comprise all activities related to the protection, or redevelopment, of natural ecosystems such as forests, grasslands, and wetland systems to lower concentration of CO2 in the atmosphere.

Each of these activities results in the biological capture and storage of CO2 - typically through the process of photosynthesis.

We commit to supporting this effort through our offsetting programmes.

Sources: The Nature Conservancy, American Association for the Advancement of Science
Support of the SDGs

Our projects work towards the UN Sustainable Development Goals (SDGs)

The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity for people and the planet, now and into the future.

At its heart are the 17 Sustainable Development Goals (SDGs), which are an urgent call for action by all countries - developed and developing - in a global partnership.

They recognise that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth - all while tackling climate change and working to preserve our oceans and forests.

In order to make the 2030 Agenda a reality, broad ownership of the SDGs must translate into a strong commitment by all stakeholders to implement the global goals.

Source:
United Nations Department of Public Information
Our projects help to offset emissions

#1 Cordillera Azul National Park REDD+ Project

Peru, South America
Developed by Athelia Funds

The Cordillera Azul project supports a rich ecosystem of indigenous biodiversity, high CO2 stock forests and a multicultural population of more than 250,000 people organised in 400 communities living in the buffer zone around the Park boundaries. The project protects this unique biodiversity and restores degraded lands with agroforestry systems (cocoa and coffee) in the buffer zone, which are relied upon by small farmers and local communities for their livelihoods.

Impact targets for 2021
- 1.6 million hectares of threatened forest protected
- 28 high conservation value species protected
- 716 jobs supported, 30% held by women
- 24 sustainable enterprises created or supported
- Producing sustainable commodities including Fair Trade and organic cocoa and coffee
- Schools for 6 communities

2.5 million tonnes of CO2 credits generated annually
The project helps to achieve these UN Sustainability Development Goals

#2 Katingan Mentaya Project

7.5 million tonnes of CO2 credits generated annually

Indonesia, Asia
Developed by Permian Global

The Katingan Mentaya Project protects peatland habitats in Central Kalimantan, Indonesia. It prevents forest clearance which would have led to the draining of underlying peat. The threatened land is home to several critically-endangered species, including up to 10% of the surviving Bornean orangutans, southern Bornean gibbons and proboscis monkeys.

Project Highlights

- 149,800 hectares intact peat swamp forest protected
- Protection of vital habitats for 5 critically endangered species
- 8 endangered species and 31 vulnerable species protected
- Collaboration with 34 villages in the project zone
- Over 500 people are directly employed by the project
#3 Guatemalan Conservation Coast Project

Guatemala, Central America
Developed by Althelia Funds

The Conservation Coast project in the Guatemalan Caribbean protects forests which are a critical migratory corridor for biodiversity, including hundreds of bird species, connecting North and South America. The project brings together hundreds of diverse landowners to protect the forest. The project is critical to the local water supply, builds up coastal defence for local communities and promotes sustainable livelihoods.

Impact Targets for 2021

• 54,000 hectares of threatened forest protected
• 1,761 hectares reforested
• 30 high conservation value species protected
• 7 sustainable enterprises created or supported
• Over 1,300 people have benefited from health services, particularly reproductive healthcare
• 716 jobs supported, 30% are held by women

0.4 million tonnes of CO2 credits generated annually

The project helps to achieve these UN Sustainability Development Goals
Kenya, Africa – Developed by the International Small Group Tree Planting Program (TIST)

The Tree Planting East Africa project supports farmers in addressing poverty, land degradation and climate change through planting trees. It aims to improve the lives of some of the poorest people in the world through capacity building, leadership development, education and works towards gender equality. This is achieved through a community-driven approach to tree planting and reforestation, ensuring that local farmers are the architects and managers of the project on the ground. This creates benefits for themselves, their families and for the land.

**Impact Targets for 2021**

- 46,994 hectares of land restored including 206 hectares of riparian areas
- Over 18 million trees planted
- As much as 400-600% increases in crop yields through training in improved agricultural practices

The project helps to achieve these UN Sustainability Development Goals
The project helps to achieve these UN Sustainability Development Goals

1. No Poverty
2. Zero Hunger
3. Good Health and Well-being
4. Quality Education
5. Gender Equality
6. Clean Water and Sanitation
7. Affordable and Clean Energy
8. Decent Work and Economic Growth
9. Industry, Innovation and Infrastructure
10. Reduced Inequalities
11. Sustainable Cities and Communities
12. Responsible Consumption and Production
13. Climate Action
14. Life on Land
15. Life Below Water

#5 Southern Cardamom REDD+ Project

Cambodia, Asia
Developed by Wildlife Alliance

The Southern Cardamom REDD+ Project is a conservation project in Cambodia. The project is located in the largest mainland forest, Watersheds in South East Asia, where the Cardamoms are part of the remains of the tropical forest belt. The project integrates conservation and development by enabling forest protection and empowering the community through education and sustainable business development.

Impact Targets for 2021
• 497,000 hectares of tropical forest protected
• The project supports over 2,000 species of plants and 54 threatened species of animals
• The programme is self-sufficient with more than 3,000 visitors and profits of over USD 150 annually for local communities
• Over 60% of management positions in community based ecotourism and agricultural development

3.2 million tonnes of CO2 credits generated annually
About Kuehne + Nagel

Thanks to our over 82,000 employees in more than 1,300 offices, in over 100 countries, Kuehne + Nagel is one of the world’s leading logistics providers. We are committed to providing customers of all sizes, in all locations, the transport services and logistics solutions that provide peace of mind through trusting partnerships built by our people.

Interested in learning more about our world-changing work?
www.kn-portal.com/environment