



MV Lifts

Social Value & Sustainability

Reduce environmental impact and create a sustainable future.



How MV Lifts Helps Sustainability



Ecocell

Experience the power of energy-efficient lifts with our Ecocell range. These single-phase lifts not only consume low energy but also provide a standby power solution through a battery bank. Over a 20-year period, they can save up to 48,209 kg of CO₂, contributing to a greener future.



Ecocell Retrofit

Upgrade your existing geared or gearless machine with our Ecocell Retrofit system. This innovative solution offers the same energy and cost-saving benefits as our Ecocell range while providing a secondary power supply. Say goodbye to additional costs for secondary input when retrofitting for Evac regulations.



Ecogen Drives

Harness wasted energy in elevators with our Ecogen Drives. Our system captures and stores the energy wasted during motor braking, using it efficiently in subsequent trips. With energy savings of up to 70%, no harmonic distortion, and no added standby consumption, our Ecogen Drives surpass standard regenerative drives in efficiency.



Ecovent

Achieve eco-balance through your lift shaft with Ecovent. This intelligent system automatically controls ventilation openings, reducing heat loss and power consumption. By optimising shaft ventilation, Ecovent helps minimise environmental impact while ensuring optimal performance.



Reforestation

Join us in our commitment to restoring healthy ecosystems and combating climate change. Through our partnership with Ecologi, Morris Vermaport plants over 10,000 trees annually across the globe. By supporting local reforestation schemes, we sequester and store carbon in soils and plant biomass, while promoting biodiversity.



Carbon Avoidance Projects

At Morris Vermaport, we actively contribute to global carbon avoidance efforts. Annually, we prevent over 230 tonnes of CO₂ emissions through various projects. By supporting these initiatives, we not only reduce greenhouse gas emissions but also restore nature and support local communities.

At Morris Vermaport, we are deeply committed to minimising our environmental impact and embracing sustainable practices. Our dedication begins with responsible sourcing strategies, prioritising local companies near our clients' sites whenever possible to reduce transportation emissions. As an ISO 14001 accredited company, we take pride in showcasing our commitment to Environmental Management.

One of our flagship offerings is the Ecocell® range of battery-powered lifts. These lifts not only significantly reduce energy consumption but also come equipped with an integrated standby power supply. This innovative feature eliminates the need for costly and potentially harmful secondary power sources, ensuring a more environmentally friendly solution.

The Ecocell® lift boasts a bank of individual batteries and chargers, which can be conveniently charged using alternative power sources such as PV cells or wind turbines. This sustainable approach enables a greener operation and contributes to a more sustainable future.

In line with our sustainable practices, we have joined forces with Ecologi to actively decarbonise our activities. Trees play a crucial role in mitigating climate change by sequestering CO₂ and restoring healthy ecosystems. Through community-led projects, we ensure the planting of ecologically appropriate tree species in suitable locations, safeguarding them from natural and human-induced threats. These reforestation initiatives also provide numerous co-benefits to local communities, including employment opportunities, gender equality, diverse food sources, and improved community facilities.

Morris Vermaport has actively participated in various global reforestation projects. Notable among them is our support for a reforestation initiative in Changalene, Mozambique, where we funded the planting of 10,438 trees. Additionally, we have contributed to forest restoration projects in Kenya, Madagascar, and Tanzania.

In addition to our reforestation efforts, MV Lifts has played a significant role in preventing hundreds of tonnes of CO₂ emissions through various verified carbon avoidance projects. By supporting these projects, we actively contribute to preventing greenhouse gas emissions, restoring nature, and supporting local communities. It's worth noting that the projects we endorse are certified by reputable standards such as the Gold Standard, Verra's Verified Carbon Standard (VCS), Climate, Community and Biodiversity Standard (CCBS), and Sustainable Development Verified Impact Standard (SD VISta).

Among the notable projects we have funded is a renewable solar electricity initiative in Egypt, which has already avoided 182.23 tonnes of CO₂e. Additionally, we have supported projects that produce energy from waste rice husks in India, resulting in the avoidance of 152 tonnes of CO₂e to date. Moreover, our contributions to wind power projects in Northeast Thailand and the distribution of cleaner cookstoves in Zambia and Ghana have helped avoid 98 tonnes and 50 tonnes of CO₂e, respectively.

In addition to these sustainability initiatives, we offer a diverse range of energy-efficient lifts and supplementary products designed to minimise environmental impact. Our offerings include the highly acclaimed Ecocell® range and retrofitting packages known for their exceptional energy efficiency. We also take pride in our Eco Regen Drives, which surpass conventional regenerative drives in terms of performance and efficiency. Furthermore, our shaft ventilation solutions effectively address the energy loss associated with the "open window" effect of open shaft ventilation, ensuring optimal energy efficiency.

Please don't hesitate to contact our sales team to explore how Morris Vermaport can assist you in reducing energy consumption and achieving your Net Zero goals. Together, let's embrace sustainability and pave the way for a greener and more promising future.

Climate projects MV Lifts has Supported



Peruvian protection of the Amazon

Forest management for 98,932 hectares of prime forest.

18.02T CO2E Avoided



Generating renewable solar electricity in Egypt

Generating solar power in Aswan, Egypt.

182.23T CO2E Avoided



Cleaner cookstoves in Zambia and Ghana

Ghana is the largest per-capita consumer of charcoal in West Africa.

50.88T CO2E Avoided



Wind power project in Thailand

Preventing the emission of 131,883 tonnes of CO2e every year through wind power.

38.1T CO2E Avoided



Producing energy from waste rice husks in India

The worlds 2nd largest producer of rice.

152.65T CO2E Avoided



Powering electricity from wind power in Northeast Thailand

Generating over 500,000 MWh of electricity annually from wind power in thailand.

98T CO2E Avoided



Mangrove planting in Marotaola, Madagascar

Funding mangrove planting spanning an area of around 600 hectares of this degraded coastal region

600 Hectares planted



Reforestation in Changanane, Mozambique

Funding from our community supported the planting of over 2.2 million dry deciduous trees during the project period

2,002 Hectares planted

Want more info about social values and sustainability?

Contact us for more information



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