

CARING FOR THE
ENVIRONMENT
CONNECTING A
GREENER, BRIGHTER
NETWORK >

Molex Connected Enterprise Solutions

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CALLING YOURSELF GREEN
COVERS MANY DIFFERENT
ELEMENTS:

Reducing, reusing and
recycling; upcycling;
business sustainability;
conserving energy;
conserving materials;
going zero-waste; being
carbon neutral; and as an
individual this could range
from not littering, eating
organically; a plant based
diet, being chemical-free ...
are you overwhelmed yet?



MOLEX STORY

At Molex we have not finished our story, as this is a journey of continued improvement. We are all becoming more aware about how our decisions and actions in the workplace can play a significant role and its impact on the environment. It takes more than one to make a change, our global businesses are coming together to take steps to become even more sustainable and ecofriendly.

ECOCARE



The Molex ECOCARE programme was initiated back in 2006, to minimize the environmental, occupational health and safety impacts of our business activities, products and services, we shall:



ESTABLISH

Establish and implement effective environmental, health and safety management systems



COMPLY

Comply with all relevant environmental, health and safety compliance obligations



OPERATE

Operate our facilities in a way that considers the efficient use of natural resources and provides a safe and healthy workplace. Develop products that minimize environmental impact



CONTINUALLY

Continually improve our environmental, health and safety performance and operations



ADVISE

Advise Molex employees and business partners of the importance of adhering to this policy



REDUCE

Reduce or eliminate emissions and discharges through pollution prevention activities, prevent injury and illness through management practices



EDUCATE

Educate employees to work in an environmentally responsible and safe manner

CREDENTIALS >

We are committed to environmental excellence as a company-wide standard of performance. In addition to the basic expectation of compliance with legal, company and customer requirements, our ECO CARE policy requires us to continuously identify and address risks to human health and the environment.



ISO 14001

Our worldwide manufacturing sites are certified to the ISO 14001 environmental management system standard, which requires that a broad range of environmental processes and policies be in place to minimize environmental impact and maintain compliance with environmental regulations .



ROHS 3

Molex is a ROHS 3 compliant company. Which ensures Molex products help protect the environment and business from known hazardous substances in a wide range of electrical and electronic equipment.

SOLUTIONS TO WASTE AND PACKAGING

DIGITAL ACCESS

QR codes were introduced to replace paper-based installation instructions for all Molex CES products. Digital access to product instructions help reduce waste, lessening site removal problems and provide easier access to documents.



PACKAGING

Cardboard packaging is all recyclable, and further changes have included the use of an all-natural tape.

Bulk packaging for our many of our connectors, has eliminated 95% of plastic usage.

Our Polish site in Tczew, has started to use biodegradable foil packing, removing annually over 3 million plastic bags.



SAFETY

The Molex LSZH cable jacketing is composed of thermoplastic compounds that considerably reduce the amount of toxic and corrosive gases emitted during combustion. When burned, a low-smoke zero halogen cable emits a less optically dense smoke that releases at a lower rate. During a fire, a low-smoke cable reduces the amount and density of the smoke, which makes staff exiting easier.



ENVIRONMENTAL PROTECTION >



WASTE REDUCTION

From 2013 to 2017, Molex and its sister companies have decreased the amount of production-related waste from our facilities by 44 million kilos, that's 14% - and we aren't done yet.



CO2 EMISSIONS REDUCTION

Molex's parent company has reduced CO2 emissions by nearly 10% over the past four years, reflecting our commitment to improving our energy efficiency and manufacturing processes.



RECYCLED, REUSED

In 2017, Koch reporting facilities recycled, reused for energy or treated 93% (252 million kilos) of all waste produced.

The background of the entire slide is a photograph of several white wind turbines on a rolling green hill. The sky is a mix of blue and white clouds. The image is split vertically into two halves by a dark green vertical bar.

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Our Approach

At Molex we are committed to using environmentally conscious practices during the design and manufacture of our products. All our processes and policies are in place to minimize environmental impact and maintain compliance with environmental regulations.

Learn more
about Molex

molexces.com