

Caring for the Environment Protecting People



Our Mission

At Actavis we are committed to operating a safe and responsible pharmaceutical company that protects the environment and promotes the health and wellbeing of our colleagues and the communities we operate in. In support of this commitment, and in line with our company values, we will:

Aim to *make smart choices* to protect people, to achieve a more environmentally sustainable future and to ensure compliance with legal and other requirements.

Challenge ourselves to establish and monitor ambitious objectives and targets to *achieve continuous improvement* and to prevent occupational injury, illness and environmental pollution.

Work together as a team to promote a positive culture where all employees *embrace personal responsibility* for health, safety and the environment.

Openly communicate with customers, colleagues, communities, contractors, suppliers, regulatory agencies and other stakeholders.

Implement effective management systems and initiatives which aim to prevent incidents, *improve environmental sustainability* and ensure compliance.



Claudio Albrecht
President and CEO



Our Commitment

“Caring for the environment and protecting people is an integral part of our business at Actavis. The safety of our workforce and the people handling our products are key priorities that we focus on constantly.

Actavis understands the importance of safeguarding the environment and has implemented wide-ranging global and local initiatives to reduce its environmental impact. These include an ambitious worldwide energy management programme and independent certification of our management systems.

Our facility in Iceland is the most eco-friendly pharmaceutical manufacturing plant in the world. Completely powered by clean energy and using no fossil fuels, the facility has a zero carbon footprint. It has achieved both ISO 14001 and OHSAS 18001 certification for its environmental, health & safety management systems, demonstrating a long-standing commitment to protecting people and the environment.

Outstanding progress has already been made, but we recognise that there is much yet to do. Working closely with staff, suppliers, customers and environmental specialists, we are united on this important journey to which our commitment is unwavering.”



Jeff Rope
Executive Vice President, Operations

Our certification

At Actavis, we are not content merely to 'be aligned' with international standards for environmental and occupational health and safety. Our corporate strategy is to strive for independent certification. That is why we invite experienced independent auditors from certification bodies such as DNV and SGS to visit our sites, review our systems and provide assurance that our systems are fully compliant with rigorous international standards.

Ten Actavis operational sites (including all hospital products manufacturing sites) have achieved **ISO 14001 certification** for their environmental management system.

Six Actavis sites have been awarded **OHSAS 18001 certification** for their occupational health & safety management system.

"Nerviano is one of the Actavis sites that has obtained both ISO 14001 and OHSAS 18001 certification. These important acknowledgements demonstrate the interest and commitment which the Italian Actavis plant has always fostered in order to safeguard the environment and the health and safety of its employees. In applying these management systems we involve everyone in the company, an approach that reflects our corporate values and supports the continuous improvement of our standards."

Romano Colombo, Environment,
Health & Safety Manager Actavis,
Nerviano, Italy



Improving sustainability

...in research & development

Actavis understands the importance of considering environmental issues early on in the development stages of any product. Our Research & Development team has successfully redesigned a number of processes to improve sustainability. In Bulgaria, for example, certain solvents have been replaced with water in many processes and harmful gas emissions reduced considerably as a result.

...in operations

Operational units within Actavis have been actively improving their environmental performance for many years. Most sites have external certification of their systems and all sites set and monitor environmental goals. At a corporate level, progress is closely reviewed and Environment, Health & Safety audits conducted to ensure that high standards are maintained. From waste minimisation activities to energy conservation, there have been numerous global success stories. We are determined to keep progressing towards a more sustainable future.

...in the supply chain

Making our operations more sustainable is only one element of a much broader programme within Actavis. We are using our influence to improve sustainability within the supply chain, from environmental evaluations of our key suppliers, to more efficient use of transport for our final products. At Barnstaple in the UK, for example, we won an award recently for our pallet efficiency programme which has resulted in a significant reduction in road haulage each year.

...in hospitals

Actavis conducts stability testing and has improved presentation sizes to allow multi-dosing for some of its products, helping to reduce the wastage of drugs in hospitals. Vialshield™, which is PVC-free, is already widely available for our oncology products and Actavis is also exploring further opportunities for making its packaging more environmentally friendly.

Energy and climate change

Actavis understands that climate change is one of the greatest challenges facing our planet today and is proud to have the world's only pharmaceutical manufacturing plant which runs totally on clean energy, which means that this world-leading facility has a zero carbon footprint. On a global level, a major initiative to improve energy efficiency and source renewable supplies has already secured measurable improvements since its launch several years ago.

Improving energy efficiency

Measuring success - Energy audits have identified energy conservation opportunities across Actavis manufacturing sites. This has resulted in a number of successful energy conservation projects such as improving the efficiency of lighting, compressed air, heating, ventilation, air-conditioning and electrical systems in our manufacturing plant in Italy.

Optimising processes - Staff in Nerviano, Italy, have achieved a significant reduction in freeze-drying cycle time for Gemcitabine (freeze drying is one of the most energy-intensive production processes, so this change dramatically reduces the environmental impact of the product).

Reducing airmiles - All sites that manufacture oncology products are located in Europe, helping to minimise transportation requirements to major markets.



Sourcing renewable supplies

Going natural - In Iceland, for example, Actavis uses geothermal power for all its heating and electrical needs. This makes it the only pharmaceutical plant in the world to be powered completely by renewable energy. Other renewable options such as solar thermal and solar photovoltaic systems are under consideration throughout the rest of Actavis.

Thinking smarter - In our Bucharest warehouse and office facility, for example, we operate an innovative heat recovery system, which uses groundwater to cool the buildings during summer, via the air conditioning, and to heat them during the colder months. This uses around 60% less energy than a conventional system.

Actavis remains committed to reducing its carbon footprint



Working with communities

Actavis is a socially responsible company and a proud contributor to various social and environmental initiatives, working alongside the communities in which we operate. Our strategy is to support projects that are consistent with our business: **that of improving health and the quality of life.**

We support:

- Social and environmental initiatives that focus on a healthy lifestyle.
- Local athletic clubs and youth organisations.
- Projects that focus on drug prevention.
- Knowledge creation in our field of work.
- Cultural exchange between the countries in which we operate



Actavis is proud to be the principal sponsor of *Youth in Europe*, an evidence-based programme established in 2005, which takes a holistic approach to preventing drug abuse amongst the young in major European cities.

Protecting people

Actavis sites which manufacture hospital products are located in Europe and are required to meet strict occupational health & safety requirements. At Actavis, we are committed to exceeding these requirements for our staff. We are also targeting the safety of clinicians and patients in a variety of ways.

Actavis has developed a complete systematic approach to ensure that its products are free from potentially harmful or foreign product residues on external surfaces. This approach also applies to the way Actavis designs processes in manufacturing sites, storage and distribution. In addition to these stringent pre-emptive measures, Actavis also rinses filled product vials post production using validated automated processes as a secondary control.

By redesigning our entire range of drug packaging, incorporating best practice in the pharmaceutical sector, Actavis is helping to reduce handling errors and illness related to cytotoxic exposure. Most markets can now order oncology products with PVC-free Vialshield™, specially designed to minimise breakage and occupational exposure to highly toxic agents.



Your safety is our priority

Improved protection available in most markets - Vialshield™/Oncoguard®

Clearer information on packaging, use of colour differentiation and prominent warnings

Learn more by visiting our website at www.actavis.com/responsibility

