

Green Cleaning



As awareness of environmental issues continues to rise, the focus on sustainable cleaning practices is growing across all industries. Green cleaning means retaining the same high standards of cleanliness while minimising the negative effects on the natural environment. At Leadec, we provide our customers with effective cleaning approaches which enable them to transition to a sustainable model at their own pace and within their budgetary constraints.

The transition to eco-friendly cleaning procedures offers several important benefits for your industrial facility, your employees, and the environment:

► **Reduced environmental impact**

Using biodegradable products helps to reduce the use of harmful chemicals. To reduce energy consumption, companies can make efficient cleaning choices, including adopting a flexible cleaning schedule, using energy efficient appliances, and choosing cleaning products that work better at lower temperatures. In addition, accurate dosing of water and detergent helps to reduce water usage in cleaning, which can prevent contamination of natural habitats and ecosystems.

► **Healthier indoor environment**

Sustainable cleaning methods, including eco-friendly products, create a healthier indoor environment by minimising exposure to harmful chemicals and reducing the risk of allergies, respiratory issues, and other health concerns.

► **Cost effectiveness**

In the long term, green cleaning practices lead to cost savings, thanks to reduced consumption of cleaning materials, water, and energy.



Reduced environmental impact



Healthier indoor environment



Cost effectiveness

Leadec's approach to green cleaning

To implement eco-friendly cleaning practices in your facility, Leadec proposes a cleaning concept that integrates the use of sustainable cleaning products, advanced cleaning technologies, and sensor-based cleaning.

Advanced cleaning technology:

Leadec suggests using cutting-edge technologies to avoid repetitive and labour-intensive tasks. This may include the use of robotic vacuum cleaners that use integrated cameras and sensors to safely navigate the surroundings, detecting and avoiding people and objects. These sensors and cameras are integrated with user-friendly software platforms. This type of device helps cleaning staff to be more productive, as they have more time to focus on other, more complex cleaning tasks. Another technology that can be deployed is the use of cordless, battery-powered devices to enhance the cleaning operatives' mobility and remove the limitations of corded devices.

Sustainable cleaning products:

Leadec purchases sustainable products for its cleaning services. These include biodegradable cleaning materials, which consist of organic substances that decompose naturally in the environment, do not harm wildlife or aquatic ecosystems, and improve indoor air quality. Alternatively, with ozone cleaning, Leadec offers chemical-free cleaning services that harness the power of two natural elements: water and oxygen. Other solutions include the use of recyclable disposable janitorial paper products.

Sensor-based cleaning:

The quality of the cleaning process can be enhanced through the use of sensors and real-time data tools. Sensors detecting movement, humidity, air quality, temperature, number of people, and window status can be used. These sensors transmit data in real time to a dashboard tool, which can be used to assess the cleaning actions needed and pinpoint areas in need of cleaning. The cleaning staff then receive the cleaning schedule from the dashboard tool on demand. This method helps to optimise cleaning operations, save time, and reduce the usage of resources (water, chemicals, and electricity).



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