

Where  
**SUSTAINABILITY**  
*meets*  
**INNOVATION**



**LEADING**  
HOSPITALITY SERVICES

## Innovating with integrity

At LHS, we lead the way in infrastructure innovation, delivering sustainable, green solutions that transform energy efficiency and resource optimization. With a commitment to sustainability, technology, and operational excellence, LHS partners with industry leaders to address key challenges in climate control, energy management, and resource conservation.



### Our vision

LHS strives to be the global leader in innovative, sustainable solutions, delivering measurable value to businesses while positively impacting the environment and communities around the world.



### Our mission

LHS provides turnkey, sustainable solutions that optimize resources and reduce environmental impact. We offer comprehensive solutions that enable businesses to conserve energy, minimize their carbon footprint, and contribute to a sustainable future.



### Our purpose

Our purpose is to redefine facility management by implementing green building practices and cutting-edge technologies. We aim to future-proof facilities by reducing energy consumption and promoting long-term sustainability for businesses across diverse industries.



## Strategic partnerships

LHS's commitment to sustainability is reinforced by partnerships with global innovators. These partnerships allow us to offer sustainable, resource-efficient solutions that lower operational costs and enhance overall performance.

## Towards sustainable efficiency

By embedding sustainability into every solution, LHS continues to innovate and lead the way in providing eco-friendly, resource-optimized environments for businesses. Together with our partners, we ensure our clients benefit from long-term, future-focused solutions that drive green development.

## Organizations that implement our solutions



## Our flagship partners

### i2Cool

Electricity-free, eco-friendly cooling solutions

Our collaboration with i2Cool allows us to offer electricity-free cooling solutions that optimize energy efficiency without the need for electricity or refrigerants. By utilizing advanced materials, these solutions significantly reduce surface temperatures, helping industries lower operational costs and achieve their sustainability goals.

### AQMC

Pioneering air quality and sterilization solutions

In addition, our partnership with AQMC brings sustainable air and surface sterilization systems that create safe, clean environments without the use of harmful chemicals. These systems effectively eliminate odors, bacteria, viruses, and hazardous gases, making them ideal for industries where air quality is critical.



## Revolutionary cooling solutions for energy efficiency and sustainability

i2Cool's groundbreaking technology integrates nanoparticle materials with solar reflectivity and mid-infrared emissivity to reduce surface temperatures by up to 42°C. These solutions optimize energy efficiency, lower operational costs, and contribute to global sustainability efforts.

## Product portfolio



### iPaint

A thermal performance coating with 95% solar reflectivity, ideal for buildings and logistics sectors, significantly reducing surface temperatures.



### iFilm

An energy-saving film that reduces air conditioning needs while providing high transparency and superior insulation for glass applications.



### iTextile

A personal cooling fabric that efficiently transfers heat and moisture, making it suitable for various indoor and outdoor uses.



### iPaint Auto

Designed for vehicles, enhancing comfort by reducing air conditioning demand while offering durability and resistance to environmental conditions.



### iCeramic

Made from solid waste materials, promotes sustainable urban infrastructure by reducing pavement temperatures and improving water permeability.

## Product patents and certifications

Products are ISO 45001, 14001, and 9001 certified, ensuring waterproof, oil-proof, dust-proof, flame-retardant, and hydrophobic properties. Compliant with RoHS, REACH, HKCC, and China Green Product standards, they guarantee safety and environmental responsibility. They have also earned the Platinum rating from the CIC Green Product Certification.



## Technology Partner in Air, Surface Sterilization, and Odor Control

Together, LHS and AQMC bring cutting-edge technology that integrates effortlessly with air conditioning and ventilation systems, providing comprehensive air and surface sterilization. Engineered to eliminate 99% of pathogens, including bacteria, viruses, and harmful gases, these solutions are tailored for critical environments such as hospitality, healthcare, food processing, entertainment, and manufacturing. Operating around the clock, our systems ensure a consistently clean, safe, and odor-free atmosphere, enhancing both operational efficiency and occupant well-being.

### Odor Control

AQMC's advanced technology eliminates odors seamlessly by integrating with ventilation systems, ensuring consistently fresh air without relying on harsh or harmful chemicals.

### Sterilization

With technology that achieves 99% pathogen elimination—including viruses and bacteria—our solutions provide continuous air and surface sterilization, delivering unmatched cleanliness in diverse environments such as healthcare, hospitality, and food processing.

### Sustainable Solutions

Designed for efficiency and sustainability, AQMC's chemical-free air purification systems minimize costs and environmental impact while addressing the unique needs of industries such as healthcare, hospitality, and manufacturing.



### Sustainable and efficient solutions

At the heart of our partnership, sustainability drives every solution. AQMC's systems, championed by LHS, are low-power, chemical-free, and consumable-free, delivering significant reductions in energy consumption and waste. This ensures not only long-term operational efficiency but also a meaningful contribution to environmental protection.



### Certifications and safety

The collaboration between LHS and AQMC brings unparalleled safety and quality assurance. With certifications including UL, CE, RoHS, WEEE, and ISO 9000, our solutions provide a superior alternative to traditional UV, ozone, or HEPA systems by eliminating contaminants directly at their source, ensuring clean air without harmful byproducts.



### Better air for a cleaner future

LHS and AQMC deliver eco-friendly air solutions that boost operational efficiency, enhance air quality, and reduce environmental impact. From healthcare and hospitality to manufacturing, our partnership ensures clean, safe air wherever it's needed, supporting a sustainable future for all industries.

**Enhance energy efficiency, improve air quality, and save both money and the environment. Reach out to us today.**

### Get in touch

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