

Journey toward **A Greener** Footprint

Hikvision 2024 Carbon Summary

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Hikvision's Sustainability Philosophy

Driven by our THRIVE sustainability philosophy, Hikvision is committed to fostering green management and practices, advancing a greener and sustainable future.

THRIVE
for a better future

Integrity

Reliability

Value Chain

Harmony

Environment

Our Low-Carbon Development Concept:
Leverage secure and efficient AIoT solutions for green and low-carbon development across the value chain.

Tech for Good

Hikvision's Carbon Neutrality Journey

2017

Set up Hikvision's first photovoltaic power station in our Tonglu factory

2018

Published Hikvision's **first ESG Report**

2019

Set up an energy-saving working group

Launched the "Zero Waste, Infinite Happiness" green office initiative

2020

Initiated the construction of the R&D cloud platform to reduce the carbon footprint of physical servers

2021

Published the Energy Conservation and Carbon Reduction Initiative

2022

Carbon Neutrality Committee established

Set up Carbon Neutrality Business Blueprint

Set up a travel platform to encourage green travelling.

Contributed to The 2022 Whitepaper on Zero-Carbon Smart Office Park.

2023

Set up Management Procedure for Greenhouse Gas Emissions

2024

Sustainability Steering Committee established

The future

More green practices forward...

2024 at a Glance

Overview of 2024 Greenhouse Gas Emissions

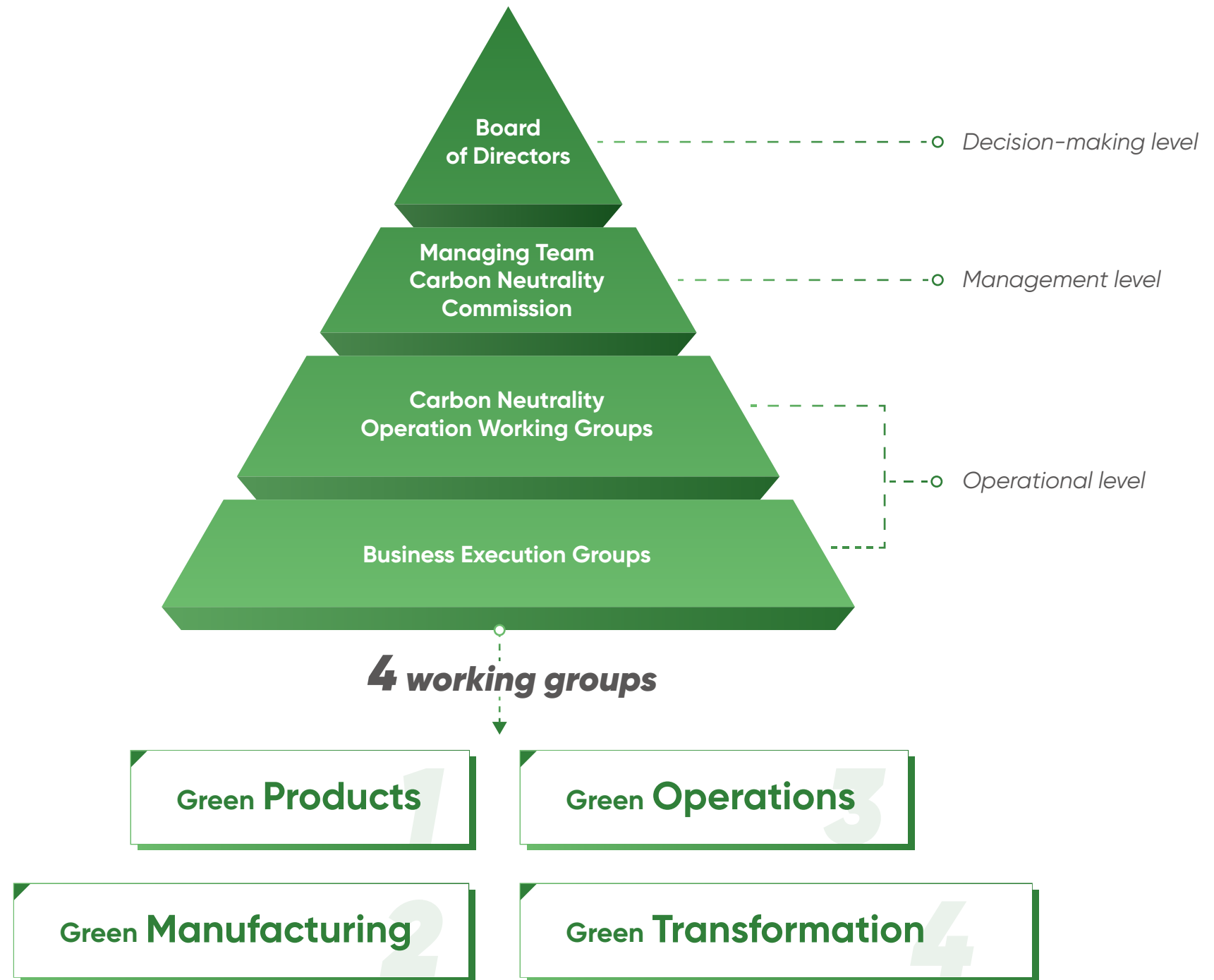
KPI	Unit	2024
Total emissions (Scope1+ Scope 2)	Ton of carbon dioxide equivalent	189,877.79
Scope 1	Ton of carbon dioxide equivalent	14,385.48
Scope 2	Ton of carbon dioxide equivalent	175,492.31
Intensity	Ton of carbon dioxide equivalent per million (RMB)	2.05

Key Achievements



Carbon Management Framework

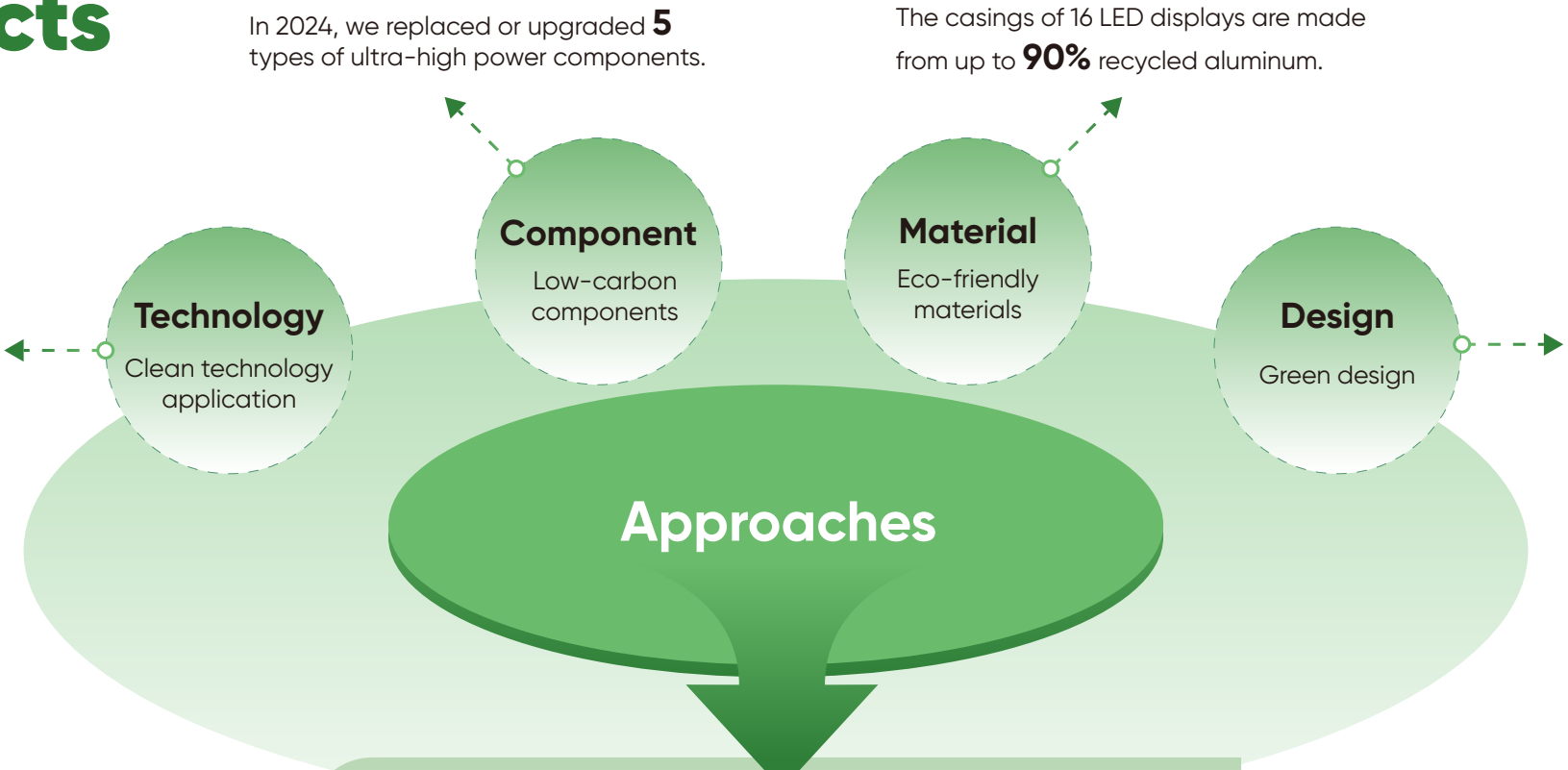
Our carbon management framework guides the daily low-carbon practices, with focus on 4 key areas: **products, manufacturing, operations and transformation.**



Green Products



Solar-powered products
reduce energy consumption.



Modular design reduces carbon emissions by simplifying production and maintenance.



Product Carbon Footprint
In 2024, we conducted PCF calculations for **103** product models.

Life Cycle Analysis
In 2024, we conducted LCA for **11** network camera models.

Goals

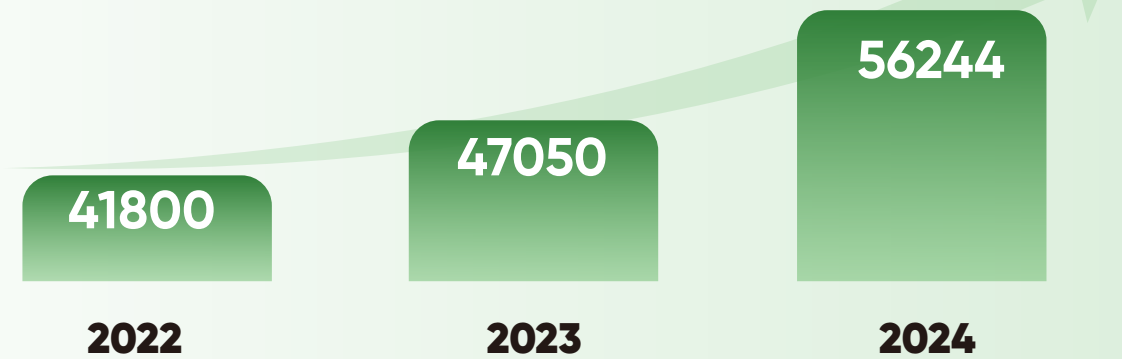
Hikvision aims to **conduct PCF calculations for all** product categories.

2026

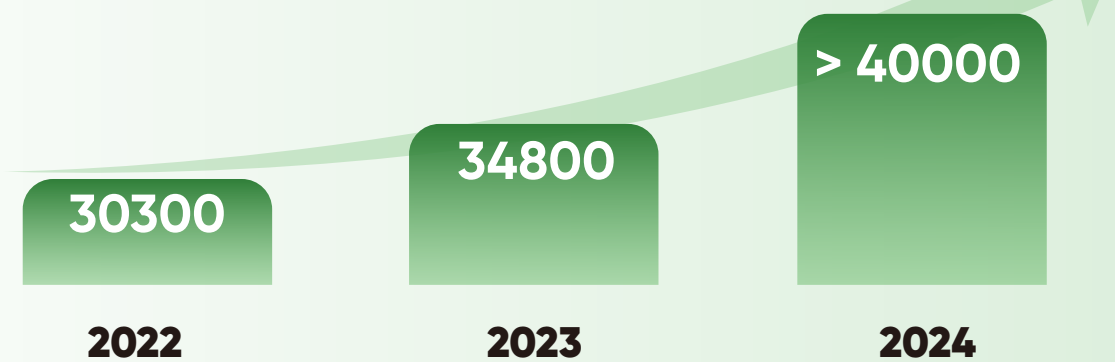
Hikvision aims to increase analysis coverage by over **20%** annually.

Achievements

Models certified by China Environmental Labelling



Models certified by Energy Conservation Certification



First Green Product Mark Certificate from
TÜV Rheinland in the LED industry.



**World's first certification for Carbon Footprint
of Product Process** from Bureau Veritas (France).

Green Manufacturing

Green In-house Production

Green Techniques and Equipment

Save about **120K kWh**

Improve surface-mounted devices (SMDs) and optimize testing strategies

Save about **1.38M kWh**

Adopt energy-efficient robots and motors and upgrade equipment

Green Logistics

Warehousing

Over 80,000 m² of dark warehouse with **100%** coverage in AGV/CTU automated warehouses.

Packaging

Eco-friendly materials

Low-carbon printing techniques

Recyclable packaging solutions

Packaging process optimization

Delivery

4469 EVs are deployed in product delivery.



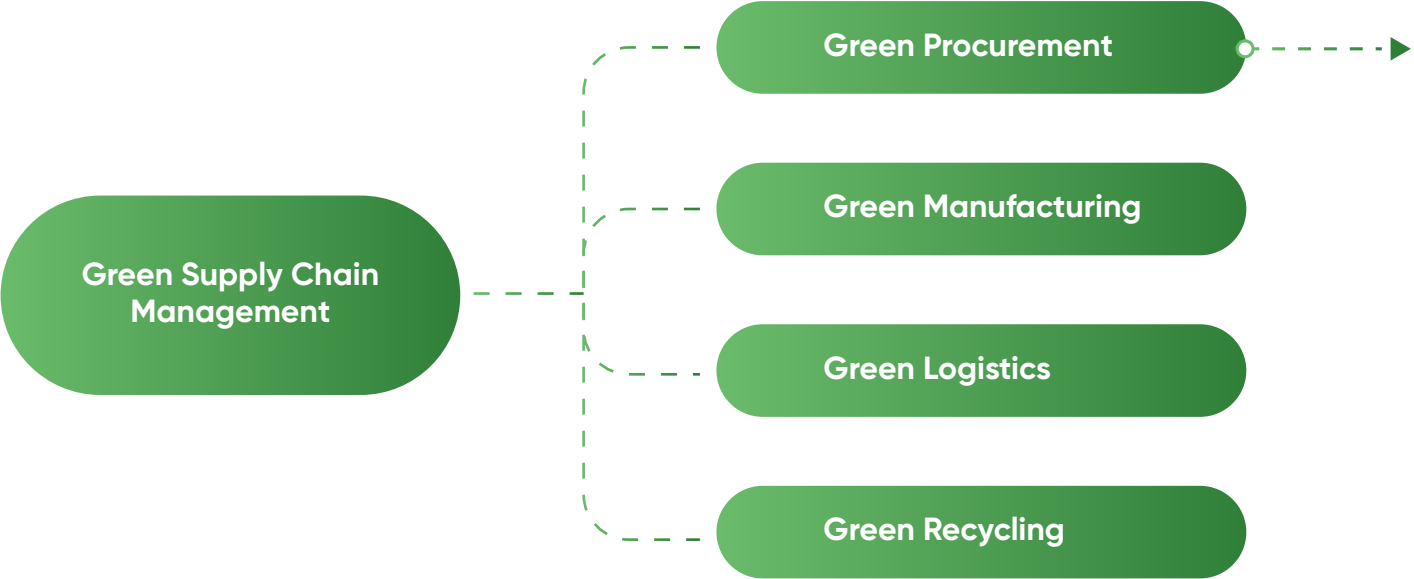
Intelligent freight mobile robots enhance manufacturing efficiency.

Achievements

100% compliance in wastewater, exhaust gas, and environmental noise.

Green Supply Chain

Hikvision lays emphasis on green supply chain building, establishing a strategy including green procurement, manufacturing, logistics, and recycling.



Green procurement

Approval:

We have established guidelines that prioritize suppliers excelling in environmental protection and sustainability. ✓

Suppliers without ISO 9001 certification, REACH compliance, or RoHS 2.0 reports will be disqualified directly. ✗

Evaluation:

Develop quarterly and annual assessment plans for suppliers.

Annual audits on performance in

Environment

Minerals management

...

Removal:

Suppliers will be removed from our supply system when they pose significant environmental risks.

Performances

100% on-site sustainability audits of all new suppliers.

0 suppliers were found to pose significant environmental risks.

70 suppliers were evaluated for their green practices

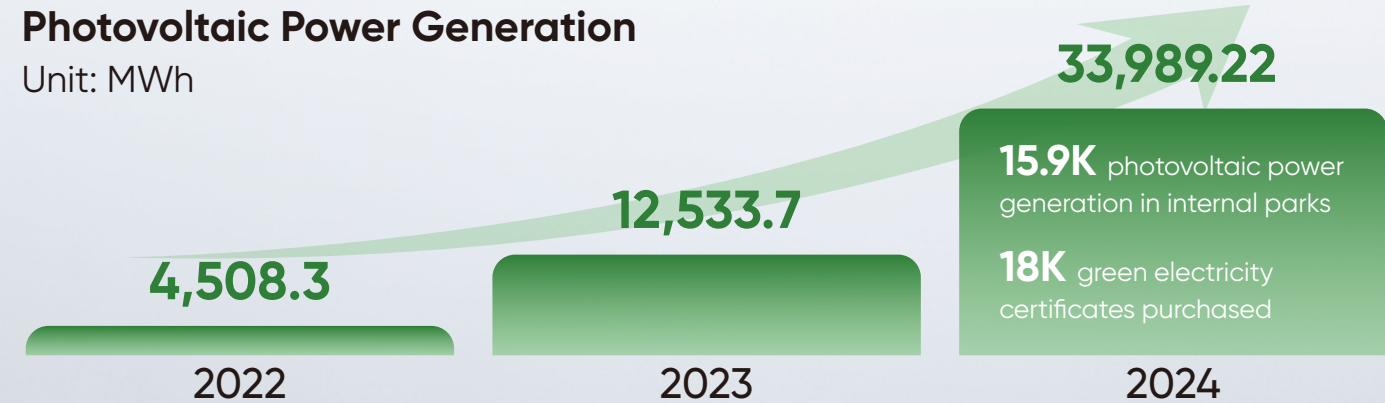
6 suppliers were awarded the green awards.

Green Operations

Energy Transformation

Photovoltaic Power Generation

Unit: MWh



Intelligent Management

More than 5000 new monitoring points are added into the energy management platform.

Green Office



Paperless Office Initiative

Where possible, meetings are held online and printed materials are replaced with digital equivalents.



Cloud-Based R&D Platform

Save **5,000 MWh** and carbon emissions by nearly **4,000** tons per year.



Green Trips

Our travel platform, "Hitrips," tracks over **260 million** km of business travel annually, encouraging public transportation instead of private transportation and promoting low-carbon development.

Green Transformation

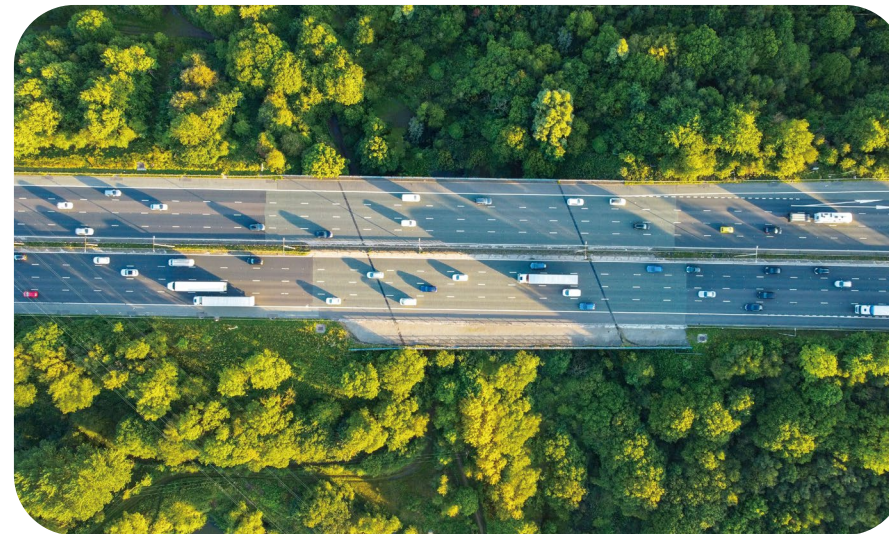
Hikvision leverages its AIoT products and solutions for various industries, thousands of communities and the world we all share. Through our technological strengths, we endeavour to create a better future.



Industry

Improve efficiency and quality to help reduce carbon footprints.

Hikvision supports a world-leading automobile components supplier in digital transformation, reducing carbon intensity per unit of value added by **11.8%** annually through real-time monitoring.



Society

Enhance urban governance to support emission reduction.

Hikvision provides intelligent traffic solutions for over **300** cities, helping more than **53,000** intersections achieve better traffic management.



Ecosystem

Support the protection of the ecosystems and safeguard our earth.

Hikvision has participated in fire prevention in **264** forests, enhancing fire prevention through intelligent monitoring, ensuring long-term protection.

