Hanwha Profile 2026

Hanwha

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User Guide

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About Hanwha

Chairman’s Message
Core Values
Brand Vision
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Evolution

Chairman's Message

Hanwha, a partner in building a sustainable future for humanity and the planet

Since its establishment in 1952, Hanwha has left a lasting mark in rebuilding post-war South Korea and developing the country's economy and industries, driven by its founding philosophy of fostering social growth and prosperity and upholding the spirit of trust and loyalty. This pioneering spirit — built on a willingness to embrace difficult decisions — remains deeply rooted in all of Hanwha's businesses today.

Inspired by our aspiration to become a driving force behind industries and society, we have played a key role in developing some of South Korea's leading industries, including aerospace, defense, energy, maritime solutions, finance, tech & life solutions while raising our global profile.

Hanwha contributes to global security through integrated defense capabilities that span land, sea, air, and space. We are also building a sustainable marine industry ecosystem through decarbonization technologies, eco-friendly vessels, and marine energy solutions. At the same time, with integrated energy solutions encompassing solar, wind, hydrogen, and LNG, we are proactively addressing two priorities of growing global importance: energy resilience and the surging demand for power and data centers driven by the AI era.

In the aerospace industry, we are shaping the future of economic infrastructure with our launch vehicles and satellite technologies. In finance, we are accelerating our expansion into global financial markets by bringing digital assets and AI together. We are also aligning tech solutions — covering precision machinery, robotics, AI, and automation — with life solutions, underpinned by differentiated retail and service platforms, to realize their combined potential. Across these diverse fields, Hanwha aims to contribute to a better future for individuals, society, and the planet.

Hanwha does not pursue growth for its own sake. Committed to paving the way to a better future for humanity and the planet, we are prepared to do what must be done — however long the journey — through the power of technology and industry. That is the future we are determined to build together.

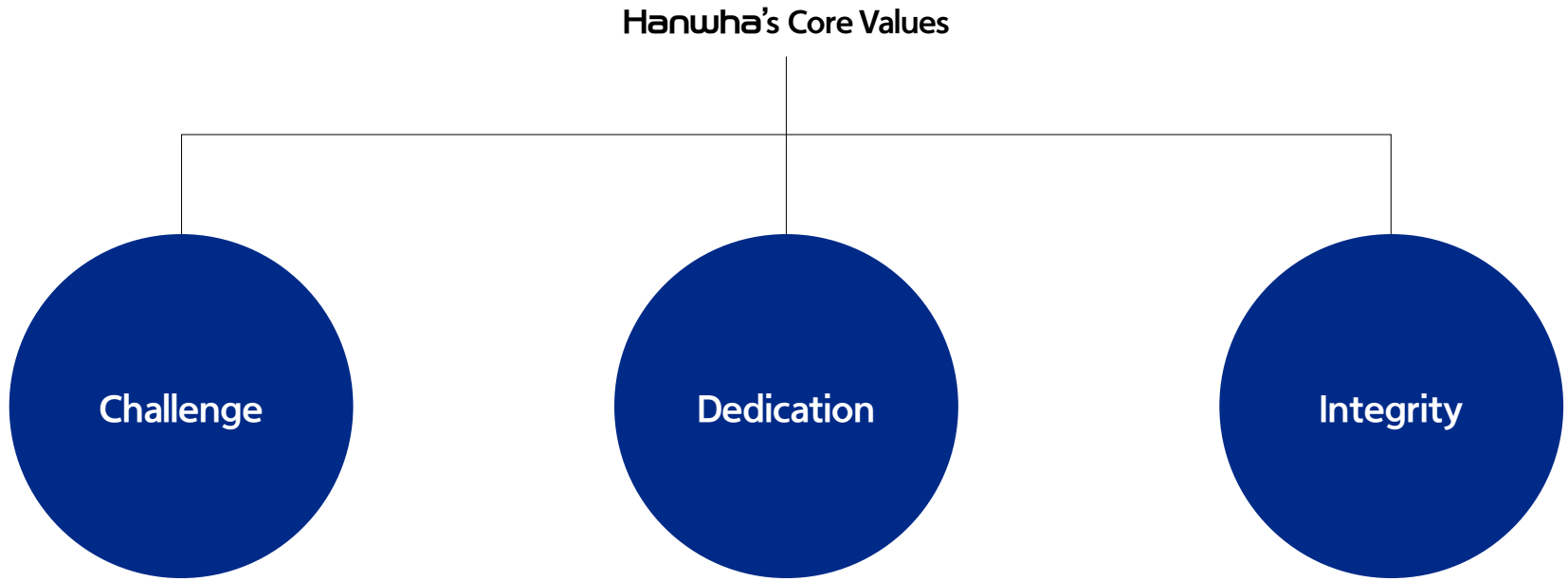
Looking ahead, Hanwha will continue to both embrace bold challenges that transcend limits and boundaries as well as leverage technological innovations to help build a sustainable tomorrow for individuals, society, and the planet. Hanwha will forge ahead on our journey toward the next 100 years and beyond.



Chairman Seung Youn Kim

Core Values

At Hanwha, we operate with the spirit of trust and loyalty above all else. That is reflected in our core values and serves to guide us in how we do business and why we innovate.



We believe in challenging the status quo in the pursuit of excellence through change and innovation.

We are dedicated to our company, customers, and one another to achieve excellence.

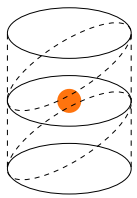
We believe in acting with integrity in everything we do, as individuals and employees.

Brand Vision

Brand Purpose

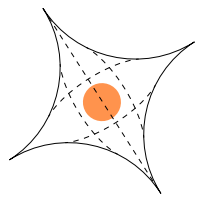
A relentless commitment to sustainability drives our bold innovation, allowing us to create transformative solutions for individuals, society, and the planet.

Brand Values



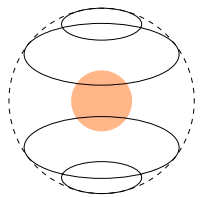
Sustainable and Inclusive Growth

We strive for social, economic, and environmental prosperity for all.



Technology and Solution–driven Innovation

Through technological innovation, we provide solutions from people to planet.



Enhancing Lives

We lay the foundation for a fulfilling life through our technologies, products, and services.

At a Glance

Hanwha is South Korea's fifth-largest business group, with innovative businesses in the areas of aerospace & defense, energy & maritime solutions, finance, and tech & life solutions. Ranked in the *Fortune* Global 500®, we're a multinational company with a robust global network of affiliates, which allows us to leverage synergy to deliver transformative solutions and impactful innovations that catalyze sustainable growth across industries and communities. In 2024, we were the only Korean company named to the TIME 100 Most Influential Companies list. With strong fundamentals in core industries, we enhance lives through our technologies, products, and services. Our relentless commitment to sustainability drives our bold innovation, allowing us to create transformative solutions for individuals, society, and the planet.

Total Sales

As of 2025

68.9B USD

Total Assets

As of 2025

198.0B USD

Business Enterprise Ranking in South Korea

Total asset basis, as of 2026

Top 5

One of the TIME100 Most Influential Companies

In 2024

TIME 100 MOST INFLUENTIAL COMPANIES 2024

Years of History

Founded in 1952

74

Global Networks

As of end of Q1 2026

887

Ranking on *Fortune* Global 500®

As of 2026

291

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* The financial data in At a Glance are for reference only and represent the simple sum of sales and total assets across Hanwha Group's major affiliates. (Figures compiled as of July 2026.)

Evolution

Since 1952, true to its founding philosophy of contributing to the nation through business and the spirit of trust and loyalty, Hanwha has grown into a driving force behind industries and society. Building on 74 years of accomplishments, we are now looking ahead to the future. By challenging limits and pushing boundaries, we will continue to create opportunities and pioneer next-generation technologies with purpose and value, for people and the planet.

1952—1963
Foundation of a Business



After the Korean War, Hanwha played a critical role in rebuilding the devastated nation through its explosives business. In 1952, we established Korea Explosives Company (currently, Hanwha Corporation) and localized the explosives desperately needed to restore the country's infrastructure, laying the foundation for industrial self-reliance. One thing remains the same: our belief that business should contribute to the nation and its people — a conviction that continues to run through everything Hanwha does today.

1964—1980
Business Expansions



As the nation's economy grew, so did Hanwha. Our success came from bold investments in the chemical, energy, and machinery industries, the key national industries needed to modernize the country, accelerating the pace of South Korea's industrialization and establishing Hanwha as a company that grew in step with it.

1981—1995
The Second Foundation



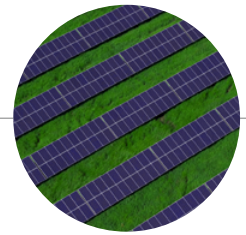
When Seung Youn Kim became Hanwha's second chairman, he declared a 'Second Foundation' for the company, expanding into finance and services & leisure. We also acquired Hanyang Chemicals and Dow Chemicals Korea (currently, Hanwha Solutions), sharpening our competitiveness in the chemical business and quickly building a strong position in the global chemical market — a new chapter of growth for Hanwha.

1996—2006
Building Momentum



Faced with crisis, Hanwha answered with trust. Even amid the Asian Financial Crisis, we restructured in the spirit of trust and loyalty, making employee job security our priority, and turned that crisis into a launchpad for our next leap forward. We went on to acquire Korea Life Insurance in 2002 (currently, Hanwha Life), laying the cornerstone of a comprehensive financial network.

2007—2014
Accelerating Global Business



In the late 2000s, Hanwha began accelerating its global expansion. Through overseas footholds and strategic investments across energy, construction, and finance, we created new growth opportunities and proved our competitiveness. The acquisition of German solar company Qcells (now part of Hanwha Solutions) laid the foundation for our total solar solutions business, while Hanwha Life extended its operations into markets including Vietnam and Indonesia.

2015—Present
Innovating for the Future



Hanwha continues to strengthen its competitiveness by constantly innovating our technologies and services across our core businesses: aerospace, defense, energy, finance, tech & life solutions. Building on our accumulated capabilities, we are leading new industry paradigms and preparing a sustainable future for humanity and the planet.

The Driving Force Behind What Endures



The Driving Force Behind What Endures

POWERING
Energy &
Maritime Solutions

PIONEERING
Aerospace

SECURING
Defense

GROWING
Financial Services

ADVANCING
Tech Solutions

ENRICHING
Life Solutions



POWERING

ENERGY & MARITIME SOLUTIONS

From energy solutions powering the AI era to next-generation maritime solutions,
Hanwha builds sustainable, integrated energy infrastructure that drives the world forward.

Powering the AI Era with Integrated Energy Solutions



ENERGY BEHIND AI

Reliable Energy, Storage, and AI–Driven Energy Management Systems — Built for the World's Hyperscalers

AI is not just transforming technology. It is reshaping the foundations of the energy industry. As AI data centers and advanced industries grow, power demand is surging and uncertainty over energy supply is increasing. The challenge is no longer simply to generate more power. It is to secure a diverse mix of power sources, store energy reliably, deliver it where needed, while managing it intelligently. Hanwha is creating the energy infrastructure this new era demands by connecting generation, storage, supply, and operational optimization within a single ecosystem.

For global hyperscalers, we develop renewable energy and natural gas projects, execute EPC, and supply power. High–efficiency solar solutions, energy storage systems (ESS), and power–generation equipment work together through AI–powered energy management systems (EMS) to optimize data–center energy operations. Our EMS capabilities also provide a foundation for data–center development and end–to–end power supply and operations. Linked with grid services such as virtual power plants (VPPs), they help stabilize electricity supply and reduce costs for consumers.

We are taking this approach further with Energy Campuses. These purpose–built energy ecosystems bring together strategic sites, high–capacity grid connections, hybrid generation using solar, hydrogen, and natural gas, and the essential infrastructure needed to operate them. Moving beyond equipment supply, Hanwha provides comprehensive energy solutions tailored to each customer's needs and business environment, establishing itself as a global energy partner for the AI era.

America's First

Vertically integrated solar manufacturing facility in Cartersville, GA

Industry First

UL Solutions–certified AI–powered EMS

ENERGY RESILIENCE

Solar, Wind, Hydrogen, and LNG — a Portfolio Built for Every Scenario

Geopolitical shifts and the explosive rise of AI are transforming the entire energy landscape. Securing diverse energy sources — and moving them flexibly, reliably, to wherever they're needed — now defines industrial competitiveness, economic resilience, and sustainable growth.

Hanwha brings solar, wind, hydrogen, and natural gas together in a balanced portfolio that supports the energy transition and enhances supply resilience. We are building an energy ecosystem that scales up renewable energy, while using natural gas as a practical bridge fuel and accelerating the development of hydrogen and next-generation clean-energy technologies. Through LNG carriers, floating LNG production facilities (FLNGs), offshore plants, and wind-turbine installation vessels (WTIVs), we are connecting energy production and transportation infrastructure across land and sea.

In Texas, we own and operate a natural gas power plant and integrate power generation with our local retail electricity business, building capabilities from production through sales to end customers. Long-term LNG supply agreements also enable us to deliver U.S.-produced LNG to markets across Asia and Europe and broaden our global gas distribution network. Drawing on global engineering, procurement, construction, installation, and commissioning (EPCIC) expertise, the successful demonstration of 60% hydrogen co-firing in an 80 MW gas turbine, and extensive offshore wind project experience, Hanwha is creating an integrated value chain from energy production to end-user supply and reinforcing its position in the global energy market.

Global No.1

LNG carrier market share

World First

Floating LNG (FLNG) production facility

From Source to Shore: Building Energy Resilience



Atlas Energy Park (Arizona, U.S.)



Concept rendering of the Sinan-Ui offshore wind farm (Jeollanam-do, South Korea)

Where Maritime Innovation Meets Sustainable Energy

MARITIME DECARBONIZATION

Propulsion, Carbon Capture, and Port Power Driving Maritime Decarbonization

The maritime industry is at a turning point. Shipping carries roughly 80% of global trade, and the IMO's net–zero target makes clear that decarbonization must extend beyond vessels to the broader ecosystem that builds, fuels, operates, and maintains them.

Hanwha is addressing this challenge across the entire vessel lifecycle. Lower–carbon vessel design and construction provide the foundation, while cleaner propulsion systems and onboard carbon capture help reduce emissions at sea. Clean–energy supply, port electrification, and vessel operations and maintenance extend these efforts across the maritime ecosystem. Within this integrated value chain, we are advancing our production capabilities for next–generation LNG dual–fuel engines equipped with variable compression ratio (VCR) technology, as well as dual–fuel engines designed for a range of fuel types. The acquisition of Norway's SEAM has expanded our electric and hybrid propulsion technologies. By combining these capabilities with smart shipbuilding and port–charging infrastructure, we help reduce emissions and improve operating efficiency throughout a vessel's lifecycle, advancing a sustainable maritime decarbonization ecosystem.



Concept rendering of an LNG carrier powered by an ammonia gas turbine

World First

VCR–equipped dual–fuel LNG carrier engine

SEAM

Acquisition of Norway–based company expands expertise in electric/hybrid propulsion

PIONEERING

AEROSPACE

Every era has a frontier. For Hanwha, the next frontier is space, where launch vehicles, satellites, and Earth-observation intelligence converge to build the sustainable infrastructure of tomorrow.



The successful launch of Nuri, the Korea Space Launch Vehicle-II (Source: Korea Aerospace Research Institute)

Building the Future Beyond Earth's Horizon



Launch of Hanwha Systems' synthetic aperture radar (SAR) satellite (left; source: South Korea's Ministry of National Defense, Dec. 4, 2023) and the satellite mounted on the launch vehicle (right)

SPACE

Launch Systems to Actionable Intelligence — Spanning the Full Space Value Chain

Space is no longer defined by exploration alone. It is evolving into a new economic domain that connects national security, advanced industries, climate action, and future energy. Independent capabilities in space technology and access to space-based data have therefore become strategic assets and essential infrastructure, shaping national growth and industrial competitiveness.

As the systems integrator for South Korea's Nuri launch vehicle (KSLV-II) and next-generation launch vehicle (KSLV-III), Hanwha is helping bring the country's space vision to life. We are also developing independent capabilities to provide commercial launch services with our own launch vehicles. On this foundation, we are advancing a connected value chain that encompasses launch vehicle development, satellite manufacturing and operations, Earth-observation data services, and deep-space exploration. Our work also includes tandem solar cell technologies for space applications and integrated power solutions engineered for the demands of the space environment.

AI-enabled platforms analyze data collected by synthetic aperture radar (SAR) and high-resolution optical satellites in near real time. SAR satellites, in particular, combine ultra-high-resolution imaging with the short revisit cycles enabled by constellation operations. This makes it possible to detect unusual activity quickly and deliver actionable intelligence to users without delay, supporting proactive monitoring and rapid response across defense, disaster management, climate monitoring, and ocean observation. Through close collaboration with government, research institutions, and industry, Hanwha is advancing South Korea's space capabilities and opening new possibilities in the global space economy.

SAR Satellite

South Korea's first privately developed small SAR satellite

KSLV-III

Systems integrator for South Korea's next-generation launch vehicle

The Heart of Every Aircraft. The Future of Every Mission.



Engine for KF–21 Boramae,
South Korea's next–generation fighter jet

AIRCRAFT ENGINES

45 Years of Expertise. More Than 10,000 Engines Advancing Independent Propulsion

Aircraft engines do more than generate thrust. They determine the performance of crewed and uncrewed aircraft and play a critical role in the technological self–reliance of a nation's aviation industry. As fighter aircraft and unmanned systems continue to evolve, independent propulsion technologies and resilient supply chains are becoming increasingly important.

With more than 45 years of experience in design, manufacturing, testing, and maintenance, repair, and overhaul (MRO), Hanwha develops military aircraft engines and propulsion systems for unmanned platforms. We reliably supply production engines for South Korea's KF–21 Boramae and participate in programs led by the Agency for Defense Development and the Defense Acquisition Program Administration. These programs include the development of a 5,500–lb–class low–bypass turbofan for low–observable unmanned wingman aircraft and a 1,400–hp–class turboprop for medium–altitude unmanned aircraft vehicle (MUAV). Our efforts to localize core materials and components are also expanding Korea's independent propulsion capabilities.

In commercial aviation, Hanwha serves as a key partner to three of the world's leading aircraft engine manufacturers: GE, Pratt & Whitney, and Rolls–Royce. Our military and commercial capabilities combined contribute to the technological and industrial progress needed for the sustainable growth of the aerospace industry.

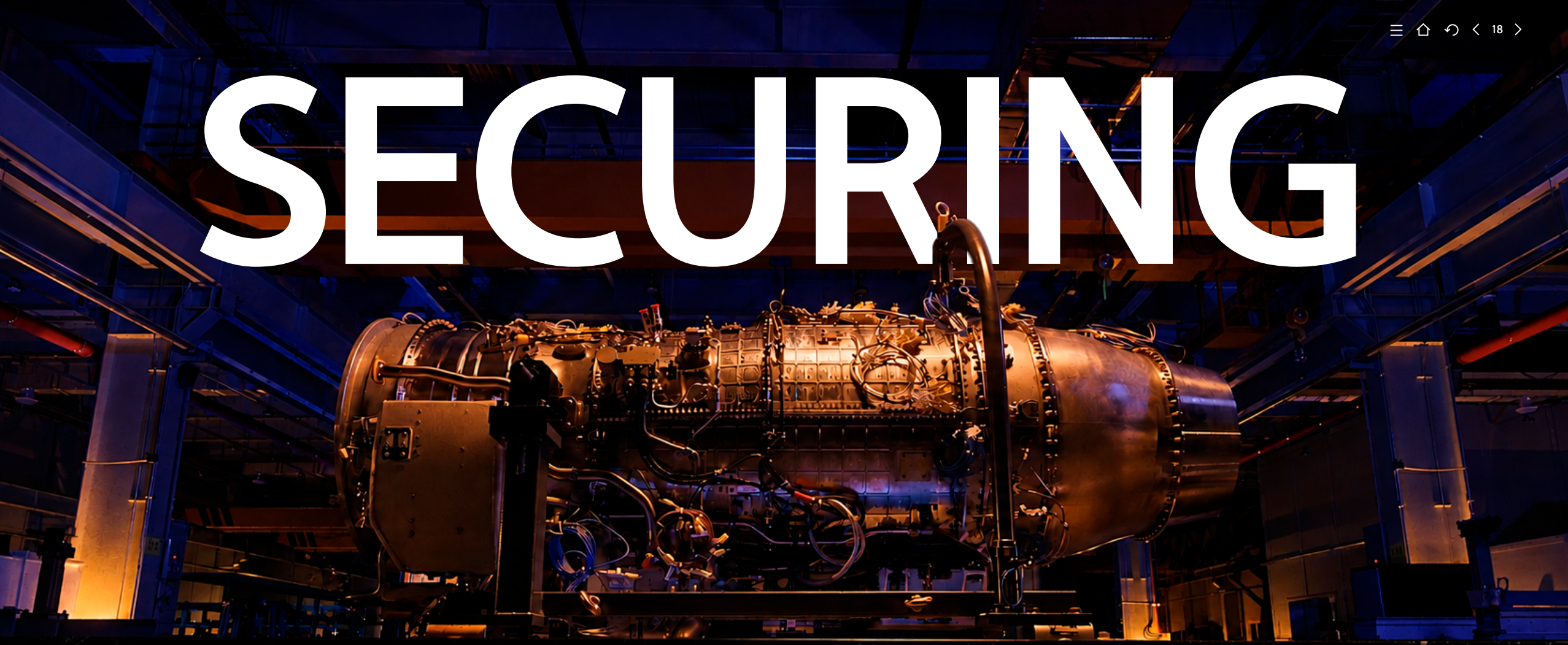
45+ Years
Design, manufacturing, testing, and MRO expertise

10,000+
Aircraft engines produced to date

5,500–lb
A turbofan engine in joint development for low–observable unmanned wingman aircraft



SECURING



DEFENSE

True defense capability is earned through trust, technology, and long-term commitment. Hanwha delivers the integrated multi-domain systems that nations depend on — across land, sea, air, and space.

South Korea's first independently developed engine for unmanned aircraft
(led by the Defense Acquisition Program Administration and the Agency for Defense Development)

Connecting Platforms. Enabling Superiority.



MULTI-DOMAIN DEFENSE SOLUTIONS

The Power That Protects Every Domain from Land, Sea to Air and Beyond

The security environment is becoming more complex and less predictable. No single system can secure an advantage on today's battlespace on its own. Across land, sea, air, space, and cyber, success increasingly depends on how quickly and accurately data from multiple platforms and sensors can be understood and put into action.

Hanwha is shaping a defense ecosystem that connects its multi-domain portfolio through a unified network. Our core combat platforms — including the K9 self-propelled howitzer, Chunmoo multiple rocket launcher, Redback and K21 infantry fighting vehicles — operate alongside unmanned ground systems, precision-guided weapons, and smart naval platforms. Advanced radar, EO/IR sensors, and AI-enabled command and control bring these assets together to enhance combat effectiveness. We also aim to incorporate autonomous unmanned systems and next-generation intelligence, surveillance, and reconnaissance (ISR) technologies. By linking firepower with real-time intelligence and turning collected data into actionable insights, Hanwha will enable faster decisions and greater connectivity across the battlespace.

In the United States, Hanwha Defense USA (HDUSA) is deepening ties with the U.S. defense ecosystem through local production, resilient supply chains, and strategic partnerships. It is emerging as a key hub connecting Hanwha's global defense platform with the U.S. market.

Global No.1

K9 self-propelled howitzer — No. 1 in global market share

KRW 5.6 Trillion

Guided-missile supply contract with Poland for the Chunmoo rocket launcher system

From KDDX and International Frigate Programs to U.S. Naval Construction and MRO

Naval readiness depends not only on fleet size but also on keeping vessels connected, mission-ready, and effective throughout their service life. Hanwha brings together advanced naval design and shipbuilding, digitally enabled operations, and a global MRO network to provide solutions from vessel construction to long-term sustainment.

Hanwha contributes to South Korea's next-generation destroyer program (KDDX), a central platform for the nation's future fleet. Backed by proprietary technologies and proven capabilities in submarine and surface-vessel construction, we are building a broader presence in the global defense market. We also became the first South Korean company to complete MRO on a U.S. Navy support vessel, the USNS Wally Schirra. Additional contracts have since followed, demonstrating our global MRO capabilities. In the United States, Hanwha Philly Shipyard is becoming a strategic base for U.S. naval construction and MRO, positioning Hanwha as a trusted partner supporting U.S. maritime security.



Concept rendering of the KDDX, South Korea's next-generation destroyer program

Designing, Building, and Sustaining the Naval Power



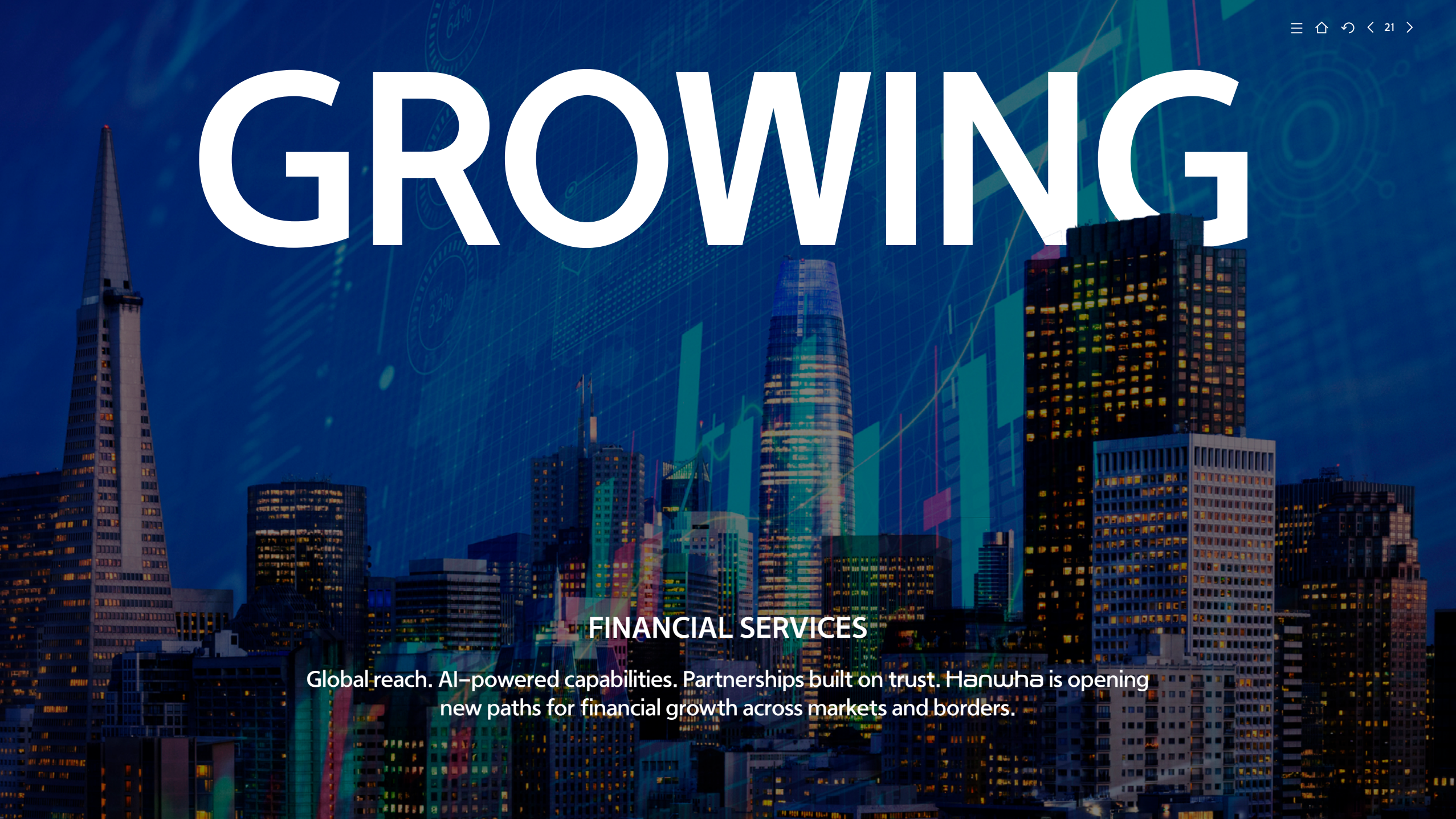
Hanwha Philly Shipyard **(Philadelphia, U.S.)**

Hanwha Philly Shipyard

Hub to support U.S. naval industrial base

KDDX

South Korea's next-generation destroyer program



GROWING

FINANCIAL SERVICES

Global reach. AI-powered capabilities. Partnerships built on trust. Hanwha is opening new paths for financial growth across markets and borders.

Local Platforms, Global Reach, Tailored to the Needs of Every Market

Finance is becoming faster, more connected, and more intelligent. Its role now extends beyond asset management and investment services to connecting industries, technologies, people, and opportunities — and directing capital toward innovation and growth.

As the centers of the global economy diversify, success increasingly depends on a deep understanding of local industries and customer needs. Hanwha operates insurance, securities, and asset–management businesses across the United States, Southeast Asia, and the Middle East, adapting its approach to the characteristics of each market.

In the United States, Velocity Clearing and Hanwha Asset Management's U.S. subsidiary anchor Hanwha's capital markets presence and create new opportunities in future finance. In Indonesia, Hanwha Life, Nobu Bank, Lippo General Insurance, Ciptadana Securities, and Ciptadana Asset Management serve as key pillars of a comprehensive financial offering. Hanwha Life Vietnam demonstrates the potential of sustained localization as a model for overseas growth, and strategic partnerships in the Middle East are opening new paths for the global financial business.

Korea's First

First overseas bank entry by a South Korean insurer
First overseas securities market entry by a South Korean insurer

US$156B

Combined assets under management, Hanwha financial affiliates, as of end of June 2026

A Global Financial Platform for Sustainable Growth



Hanwha Life 63 Building (Seoul, South Korea)

AI–Powered Finance, Personalized for Every Journey



Hanwha AI Center (San Francisco, U.S.)

DIGITAL FINANCE &
AI TRANSFORMATION

AI That Understands Your Life Stage, Assets, and Goals

Financial services are increasingly tailored to individual circumstances and goals. Hanwha applies AI and data analytics to understand each customer's life stage, asset profile, behavioral patterns, and investment preferences. These insights enable more precise and reliable solutions across wealth management, investment, insurance, and risk management. Tailored financial planning, robo–advisory services, and personalized portfolios support informed investment decisions. In insurance, behavioral analytics and AI–enabled underwriting improve the accuracy and efficiency of risk assessment. Strategic investments in AI, blockchain, robotics, and other emerging technologies and innovative companies are also creating new opportunities across financial services.

In 2024, Hanwha Life, Hanwha Insurance, and Hanwha Asset Management established the Hanwha AI Center in San Francisco. The center works with global technology companies and research institutions to monitor AI trends and identify investment opportunities. Hanwha is also expanding partnerships with leading global AI companies to accelerate AI–driven innovation in finance. By applying those advances across financial services and customer experiences, we are creating more personalized solutions and new possibilities for the industry.

ISO 42001
First AI governance certification earned by a South Korean insurer

Hanwha AI Center
First overseas AI hub established by a South Korean financial institution

ADVANCING



TECH SOLUTIONS

Engineering precision that unlocks new possibilities in everyday life. Powered by advanced engineering expertise, Hanwha drives innovation across industries and transforms the way we live.

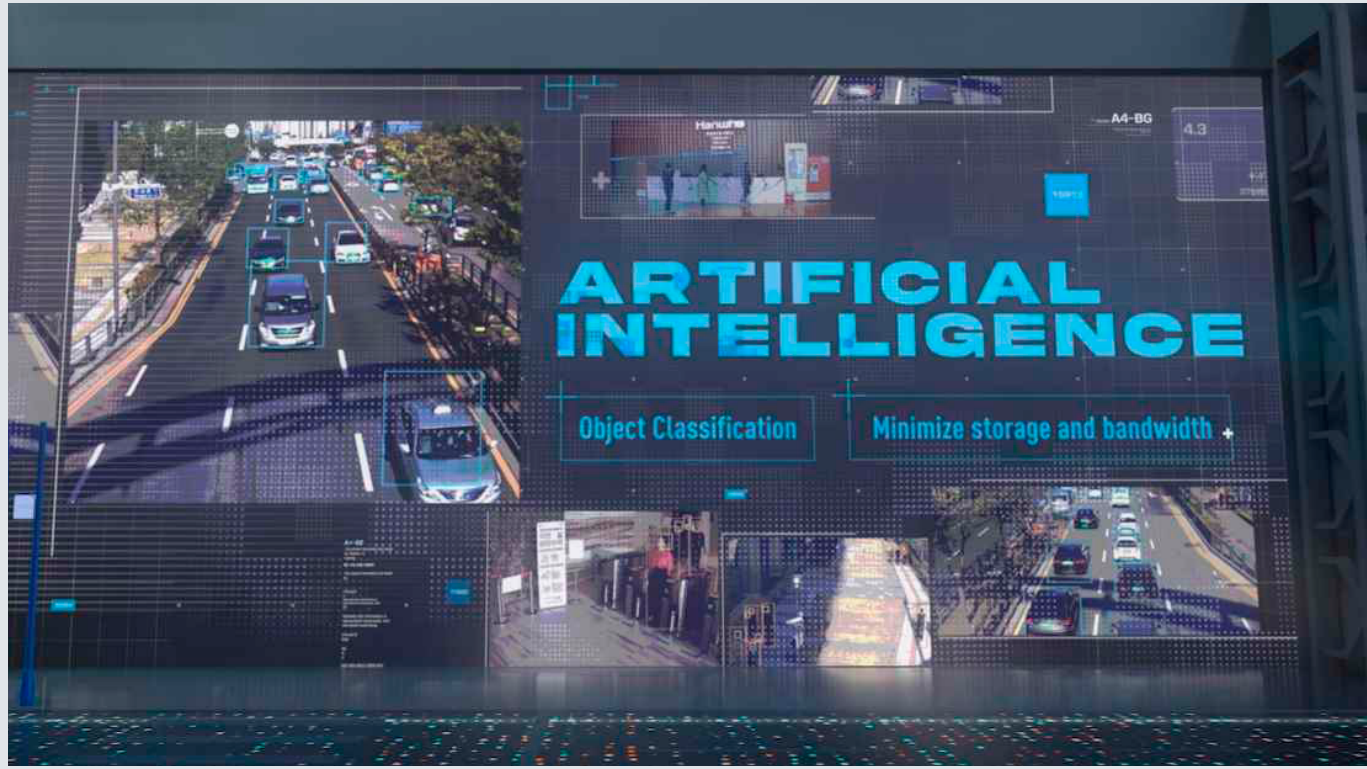
Intelligence Innovation Powering the Industries of Tomorrow

The future of manufacturing calls for precise situational awareness, data-driven decision-making, and flexible production operations. Hanwha's Vision Intelligence combines world-class optical technology with AIoT and cloud platforms to unlock greater value from visual data. Centered on Wisenet9, its next-generation AI vision chipset, Hanwha continues to advance Edge AI processing technology, enhancing safety and operational efficiency across a wide range of industrial environments, including security and logistics.

Hanwha's mechatronics and robotics technologies take manufacturing precision and automation to the next level. Key solutions include: TC bonders and hybrid bonders for HBM (High Bandwidth Memory) packaging; chip mounters for rechargeable battery and display production, building on Hanwha's development of Korea's first domestically produced model; and autonomous manufacturing and logistics solutions based on collaborative robots, AGVs (Automated Guided Vehicles), and AMRs (Autonomous Mobile Robots). Together, these technologies enable smarter manufacturing by improving process precision and operational efficiency.

While continuing to strengthen its expertise in Vision Intelligence and Advanced Manufacturing, Hanwha is exploring synergies between them to accelerate the transition towards Autonomous Manufacturing — where factories can perceive, decide and act. Launched this year, Hanwha Machinery & Service Holdings (Hanwha M&S) brings together the core technologies and business capabilities of its Tech Solutions affiliates, driving AI-powered industrial innovation and the growth of the future manufacturing ecosystem.

Intelligence that Sees. Technology that Builds.



AI-based solutions

First in Korea

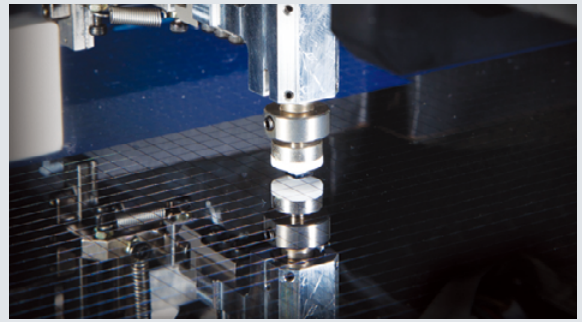
Pioneer of Korean chip mounter
Pioneer of Korean collaborative robot

Wisenet9

Next-generation AI vision chipset for edge processing

Hanwha M&S oversees strategy and investment for companies within Tech Solutions and Life Solutions.
Click the icon to learn more on the Hanwha M&S website.

Flip Chip Bonder for semiconductor manufacturing



ENRICHING



LIFE SOLUTIONS

Beyond places and services, we create experiences that matter. Hanwha brings together lifestyle, hospitality, retail, and digital platforms to enrich how people live, work, and connect.

LIFESTYLE

Retail, Hospitality, Dining, and Foodtech for an Elevated Everyday Life

Places are evolving beyond destinations for shopping or accommodation into settings where retail, dining, relaxation, and culture come together. Customers increasingly choose experiences over brands and emotional connection over transactions. A new standard for premium lifestyles emerges when space, service, and content form one coherent story.

Hanwha applies its expertise in mixed-use development, retail, hospitality, and food and dining to enrich everyday life. Major projects — including the Jamsil Sports and MICE Complex and developments around Seoul and Suseo stations — are set to reshape urban experiences and become future commercial landmarks.

Galleria is moving forward with the redevelopment of its Luxury Hall in Seoul to offer more refined spaces and services, alongside a growing range of premium culinary concepts such as GOURMET 494 and Benson. Our hospitality portfolio includes THE PLAZA, scheduled for a full renovation by 2029, lifestyle hotel MATIE, and high-end resort ANTO. Each brand offers a distinct approach to travel and relaxation. In food services, OURHOME — an integrated food company — develops differentiated F&B content and drives innovation in manufacturing and operations, expanding Hanwha's lifestyle business across multiple fronts. Hanwha M&S connects the expertise and brand capabilities of the Life Solutions companies to create a new lifestyle ecosystem centered on customer experience.

ANTO

High-end resort brand within Hanwha's hospitality portfolio

AI-Driven F&B

Robotics- and AI-powered food tech operations (OURHOME)



Concept rendering of the Galleria Luxury Hall redevelopment (Seoul, South Korea)



ANTO (Seoul, South Korea)

Enriching Everyday Life Through Distinctive Experiences

Hanwha M&S oversees strategy and investment for companies within Tech Solutions and Life Solutions.
Click the icon to learn more on the Hanwha M&S website.

Businesses

Aerospace & Defense
Energy & Maritime Solutions
Finance
Tech & Life Solutions

Hanwha Corporation
Hanwha Aerospace
Hanwha Systems
Hanwha Defense USA
Hanwha Philly Shipyard

Aerospace & Defense

Aerospace & Defense

Hanwha Corporation

www.hanwhacorp.co.kr

2025 Total Sales
52,584 In USD millions

2025 Total Assets
201,637 In USD millions

Our Expertise

Global Division
Industrial explosives, bio and semiconductor materials, mining services, petrochemicals, fireworks

Engineering & Construction Division
General construction (architecture, housing, infrastructure), complex development (urban centers, new cities), sustainable environmental projects (water treatment, resource circulation), and special facilities (data centers, arenas)

* The above total sales and total assets are based on consolidated financial statements.



Hanwha Corporation Global Division

Hanwha Corporation has been leading the way in domestic explosives and related industries and fortifying the foundation of Hanwha Group since its establishment in 1952. In 2022, we merged our subsidiary Hanwha Engineering & Construction into Hanwha Corporation, reorganizing it into two divisions: the Global Division and the E&C Division. Both divisions are strengthening future growth by developing high-value technologies, entering new markets, and expanding globally, while enhancing their domestic and international profiles.

Hanwha Corporation Global Division draws on its expertise in explosives and chemical technologies, together with an extensive global network, to provide industrial solutions ranging from mining and blasting services to plant exports, while creating new opportunities for future growth. Our industrial explosives business manufactures and supplies products essential to construction and resource development. As a core industry serving government-funded infrastructure projects and private construction sites, it benefits from a stable demand base. We continue to respond proactively to increasingly stringent safety and environmental standards and diverse site requirements. By securing reliable access to raw materials, streamlining production, and continuously innovating our manufacturing technologies, we are enhancing both safety and cost competitiveness. With more than 60 years of proven quality and a broad, reliable distribution network, the Global Division maintains a strong market share and a leading position in the explosives industry at home and abroad.

Our trading business generates consistent revenue by focusing on

petrochemicals, oleochemicals, and defense products, where we have established sales rights and specialized expertise. We continue to deepen our sales expertise by product category and focus our overseas network on strategic markets to identify local opportunities and new business partners. In South Korea, businesses supported by proprietary sales rights provide a stable revenue base. Overseas, we are pursuing growth in strategic areas such as synthetic resins and defense products.

Hanwha Corporation Engineering & Construction Division is a global construction player that leverages its extensive experience and cutting-edge technologies across architecture, housing, infrastructure, complex development, and sustainable environmental projects. Complex development projects spanning residential, cultural, business, leisure, commercial, and social infrastructure now define the division's work, well beyond simple building construction. We are developing the Seoul Station Northern District, scheduled for completion in 2029 as a landmark transportation hub and business gateway to Seoul. Other major projects include the development of the Jamsil Sports-MICE Complex and the Suseo Station Complex. The distinctive value of **FORENA**, our premium residential brand known for its original design and housing products, continues to strengthen the competitiveness of our complex development business.

In our environmental business, we provide comprehensive solutions for water treatment facilities, from development and construction to operations, using proprietary technologies such as PRO-MBR, an advanced wastewater treatment technology. A flagship project is the modernization of the Daejeon sewage treatment plant, South Korea's largest privately financed sewage treatment project.

The division is also achieving notable results in high-tech, specialized facilities such as data centers and arenas. We have successfully built data centers for leading South Korean companies, including the hyperscale IGIS Goyang



Premium residential brand **FORENA**

Samsong Data Center completed in 2026, the Kakao Data Center in Ansan, and the Samsung SDS Data Center in Dongtan. It also possesses unmatched expertise as the only construction company in South Korea with experience building arenas both at home and abroad, having built the INSPIRE Arena, the nation's first arena, and the 55,000-seat Philippine Arena, the world's largest, while construction continues on Seoul Arena, the country's largest K-pop performance venue.

Overseas, we are leading the export of the Korean new city model through the New Bismayah City Project in Iraq, a large-scale project building housing for 100,000 households along with schools, government offices, roads, and water and sewage infrastructure.



Concept rendering of Seoul Arena (Seoul, South Korea)

Learn more about Hanwha Corporation E&C Division in this video.

Aerospace & Defense

Hanwha Aerospace

www.hanwhaaerospace.com

2025 Total Sales

18,776 In USD millions

2025 Total Assets

37,601 In USD millions

Our Expertise

Space: Space launch and transportation services (integrating launch vehicle systems, producing engines and core components); satellite propulsion systems (design and manufacture of thrusters)

Aviation: Advanced aircraft engines and military aircraft engines (production and development); civil aircraft engine components (high-precision component supply for aircraft mechanical systems)

Land: Land Systems: firepower, mobility, and air defense systems, manned-unmanned teaming (MUM-T)

Precision Guided Munitions (PGM): precision ammunition and guided-weapon systems

MRO: Integrated smart logistics support (Total MRO services covering maintenance, training, technical support, spare parts supply, and performance upgrades after equipment delivery)

Marine: Energy source systems for submarines (ESS, hydrogen fuel cells); hydrogen fuel cells for surface vessels; smart ship solutions (real-time data monitoring, integrated vessel control systems); naval engines and generators

* The above total sales and total assets are based on consolidated financial statements.

Hanwha Aerospace is a leading space, aviation, and defense company in South Korea, with a broad portfolio of launch vehicles, aircraft engines, advanced defense systems, and maritime solutions. Built on deep technological expertise and continuous R&D, we connect space, aviation, land, and maritime capabilities into integrated solutions, strengthening national security and advancing the future of industry.

Hanwha Aerospace's business has advanced in line with South Korea's journey in space development. Starting with the development of the Korean Sounding Rocket-III (KSR-III) in 1999, we have built unrivaled capability in launch vehicle engines and key components. Producing the 75-ton liquid rocket engine, fuel feed valves, and attitude control systems for Nuri (KSLV-II), we have helped strengthen South Korea's space sovereignty. Having been appointed the system integrator for the Korean Launch Vehicle Advancement Project in 2022, we successfully supported Nuri's third and fourth launches, and in 2024 the South Korean government selected Hanwha Aerospace as the system integrator of a project developing the next-generation space vehicle called KSLV-III, overseeing every stage from design to launch. Our contract to develop the propulsion system for a lunar lander extends that role into national space programs for lunar and deep-space exploration. Backed by our proven launch vehicle capabilities, we will expand into satellite systems and data services, building out a space industry value chain.

As South Korea's only company specializing in aircraft engines, Hanwha Aerospace is advancing the industry, producing and maintaining both military and civil aircraft engines and developing key components. We have provided engine and mechanical component solutions for South Korea's major aircraft platforms, including the KF-21 fighter jet, the T-50 advanced jet trainer, and the Surion utility helicopter. Partnerships with global aircraft engine manufacturers are also building our competitiveness in the civil aircraft engine component supply chain. We have also recently begun developing and prototyping South Korea's first long-life turbofan and turboprop engines for unmanned aircraft, securing proprietary aviation propulsion technology and expanding into future advanced propulsion systems.

Our defense business is emerging as the key driver of Hanwha Aerospace's global growth, backed by unique and cutting-edge technological competitiveness across firepower systems, mobility systems, air defense systems, manned-unmanned teaming, and precision munitions and guided-weapon systems. We supply a wide range of weapon systems to countries around the world, expanding our presence in the global defense market.

The K9 Thunder, a world-class indigenous self-propelled howitzer, is currently in operation in 11 countries, including Poland and Romania, with unrivalled firepower, maneuverability, and survivability, combining high-response artillery automation and manned-unmanned operation technologies. Now the world's top-selling self-propelled howitzer by market share, the K9 has recently secured export contracts with India, Norway, and most recently Finland, reinforcing our global artillery leadership. We also offer best-in-class ammunition and charge solutions, combining smart precision munitions technology such as precision-guided artillery shells and trajectory-correcting fuzes with customized charge solutions that maximize howitzer performance. More recently, the K9 Mobile Howitzer (K9MH), which applies the K9's firepower system technology to a wheeled platform, became the first South Korean-developed weapon system to secure a U.S. Army contract. The



KF-21 advanced aircraft engine

agreement covers six prototypes for the Mobile Tactical Cannon (MTC) program, establishing a foothold in the world's largest defense market. Chunmoo, Hanwha Aerospace's multi rocket launcher system (MRLS), is a next-generation precision-strike platform with unmatched capability to fire guided rockets across a range of distances, and has earned strong recognition in the global market. Following a significant export deal with Poland, we secured further export contracts with Norway and Estonia, and established a joint venture with Polish defense company WB Group to produce Chunmoo guided rockets, accelerating our push into the European market.

In mobility systems, Hanwha was awarded a contract with Australia for its next-generation infantry fighting vehicle (IFV), Redback, as part of the country's LAND400 Ph.3 program in 2023, demonstrating our competitiveness in land systems. We are now developing the Korean next-generation infantry fighting vehicle (K-NIFV), with superior protection and mobility. Future mobility requirements are also being met through a range of platforms, including the advanced armored wheeled vehicle Tigon.

Hanwha Aerospace is strengthening South Korea's integrated air and missile defense capabilities with a complete, multi-layered defense solution optimized by altitude and range, from the short-range C-UAS (counter-unmanned aircraft systems) and SHORAD, to the medium-range Cheongung (M-SAM) solution, and the long-range L-SAM solution. By integrating every stage from detection to tracking to engagement, we aim to respond instantly to any aerial threat and deliver an airtight defense network.

Additionally, Hanwha Aerospace is developing manned-unmanned teaming (MUM-T) systems to enhance combat efficiency and reduce casualties on future battlefields. Our proprietary multipurpose unmanned ground vehicle (UGV), Arion-SMET, successfully completed Foreign Comparative Performance Testing (FCT) by the U.S. Marine Corps in Hawaii in 2023, where it was recognized for its autonomous driving and transport capabilities. Following that result, we recently won the South Korean Army's first domestic procurement contract for multi-purpose unmanned vehicles, once again proving our technological capability and operational reliability. This success led us to expand our small UGV lineup with the upgraded Grunt and the Korean tracked UGV THeMIS-K, and to diversify into mid- to large-size platforms including the T-RCV and H-UGV unmanned reconnaissance vehicles, completing a full lineup of crewed and uncrewed systems, ranging from small to large platforms.

Drawing on decades of experience and world-class expertise in MRO, Hanwha Aerospace is expanding its operations globally to grow into a leading global provider of total MRO solutions. Our AI-powered, data-driven MRO solutions play a key role in maximizing equipment readiness and optimizing operation and maintenance costs. We are also building local MRO centers across major regions worldwide, delivering total MRO partnerships that take full responsibility for the maintenance, repair, and overhaul of customer equipment.

In our marine business, we are developing eco-friendly, high-efficiency marine technologies such as energy solutions for submarines, including energy storage systems (ESS) and hydrogen fuel cells, hydrogen fuel cells for surface vessels, and smart ship solutions. Integrated vessel control and real-time monitoring technology for surface vessels is also strengthening the competitiveness of next-generation naval platforms. Our marine hydrogen fuel cell technology in particular has earned global certification and recognition for its technological capability, leading the future naval and maritime defense market.

Moving forward, Hanwha Aerospace will continue to strengthen South Korea's future industrial competitiveness and security capabilities through core technologies in space, aviation, defense, and maritime, unlocking sustainable growth and new possibilities in the global market.



K9 Thunder SPH artillery system



Redback infantry fighting vehicle (IFV)



Chunmoo multiple rocket launcher system (MRLS)

Learn more about Hanwha Aerospace in this video.

Aerospace & Defense

Hanwha Systems

www.hanwhasystems.com

2025 Total Sales

2,576 In USD millions

2025 Total Assets

7,197 In USD millions

Our Expertise

Defense:

Space — SAR satellites, AI Satellite Imagery Analysis Solution

Air Defense — Multi-Function Radar (MFR), Laser weapons

Air — Airborne sensor fusion technology, Integrated aircraft survivability solutions

C5I — Command, Control, Communications, Computers, Cyber and Intelligence

Land — Integrated vetronics system, Active Protection System (APS)

Naval — Combat system, Unmanned maritime systems

MRO — Platform sustainment (enabled by TOMMS)

ICT:

Enterprise modernization, Smart factory, Smart logistics, Manufacturing data intelligence

* The above total sales and total assets are based on consolidated financial statements.

Hanwha Systems is South Korea's only global defense electronics and ICT smart solutions company, providing integrated solutions across the land, naval, air, space, and cyber domains, built on core technologies in advanced sensors and radar, C5I, satellites, unmanned systems, and ICT solutions. With our accumulated technological expertise and systems integration capabilities in defense and ICT, we are leading the digital transformation of South Korea's defense industry while expanding our competitiveness in the global market.

At Hanwha Systems, we are fully committed to expanding our presence in space and exploring its infinite potential. With a globally integrated, end-to-end satellite capability — from development and manufacturing to services — we are contributing to the advancement of South Korea's space industry. Following the completion of the Jeju Space Center in December 2025 — South Korea's largest private satellite mass-production facility — we have built a production system capable of manufacturing up to 8 satellites a month and 100 a year. Starting with the successful 2023 launch of our indigenously developed 1-meter-class commercial Earth observation satellite, the Small SAR Satellite, we are progressively developing higher-resolution satellites through the 0.5-meter and 0.25-meter classes toward a 0.15-meter-class satellite in very low Earth orbit (VLEO). In 2025, we completed delivery of the final SAR satellite payload for the military reconnaissance satellite program 425. This delivery demonstrates our proprietary satellite technology.

Through our AI Satellite Imagery Analysis Solution, we are also advancing space-based surveillance and reconnaissance capabilities for use across defense, disaster response, weather, and maritime applications. In communication satellites, hyper-connected network technology linking satellite and ground networks is laying the foundation for future manned-unmanned teaming (MUM-T) systems.

Providing surveillance and reconnaissance, command and control, and air defense solutions that connect the land, naval, air, space, and cyber



UHR SAR Satellite

battlefields, Hanwha Systems is strengthening its footprint across the defense electronics market. Our multi–function radar (MFR), a core defense technology that integrates detection, tracking, electronic warfare, and missile guidance functions, is deployed in the Cheongung–II (M–SAM) system and has been exported to the United Arab Emirates and Saudi Arabia, and now Iraq, expanding our presence in the global air defense market. We also lead development of core technology for South Korea's missile defense system, participating in both the low–altitude missile defense (LAMD) MFR and the L–SAM–II MFR programs.

Laser weapons are a new class of weapon system that use high–power fiber lasers to track, aim at, and shoot down small drones and multicopters. Cheongwang (Stationary) has completed deployment and is now operational at key facilities in urban areas. Tapping into that capability, we are developing the 50kW Laser Armored Vehicle, a more powerful, compact, and lightweight system designed for rapid deployment and stationary operation to protect key national infrastructure and support field units.

Next–generation aviation platform technologies are also advancing, backed by our proprietary expertise in aircraft radar, sensors, and survivability systems. We secured South Korea's first core technology for a fighter jet active electronically scanned array (AESA) radar and are participating in the country's first AESA radar mass–production program for the KF–21 fighter jet. Our technological capabilities have also been recognized in the global market through a contract with Europe's Leonardo to supply AESA radar antennas for light combat aircraft, as well as a contract with Boeing of the United States to supply avionics for the F–15EX and F–15K.

To protect tanks and armored vehicles, we have developed the Active Protection System (APS) using 100% domestic, proprietary technology. It provides 360–degree surveillance and response against high–speed threats and drones, and can identify and track threats day or night and in adverse weather. By contributing to the multi–layered protection systems essential on future battlespace, the APS significantly strengthens the survivability and combat power of ground platforms.

Our naval business is leading innovation in the future maritime battlespace through combat system and unmanned maritime systems. As the only company in South Korea with the capability to develop and mass–produce naval combat system, we are expanding our exports abroad. We have equipped a total of 15 Philippine Navy vessels with our indigenous combat system, strengthening our position in the Southeast Asian market, while working to expand into the Middle East, the United States, and Latin America. Our unmanned maritime systems lineup, recognized as a game changer for the future maritime battlespace, is also expanding as we work to turn the vision of AI–based manned–unmanned teaming (MUM–T) systems into reality.

Backed by advanced logistics support services built on our TOMMS platform, we deliver integrated defense MRO services, spanning depot–level maintenance, performance–based logistics (PBL), and repair parts supply.

Our ICT division provides a wide range of digital solutions, including big data, cloud, smart factory, smart yard, and security platforms, supporting digital transformation across industries. Building on our data analytics and systems integration capabilities, we are expanding customized services to meet customer needs and creating new growth opportunities through advanced ICT technology.

Moving forward, Hanwha Systems will continue to build on our integrated solutions capabilities, connecting the air and land, the naval and space, and the cyber, to become a global defense electronics and ICT company that makes humanity safer and more prosperous.



Multi–purpose reconnaissance USV 'Sea GHOST'



Multi–Function Radar (MFR)

Aerospace & Defense

Hanwha Defense USA

www.hanwhadefenseusa.com

Our Expertise

Land systems (armored vehicles, artillery), shipbuilding, munitions, medium unmanned surface vessels (MUSV)



K9 Mobile Howitzer

Hanwha Defense USA (HDUSA) is a U.S.–based defense company delivering combat–proven military platforms, advanced maritime systems, and next–generation munitions to American and allied armed forces. Founded in 2021 as a defense subsidiary of Hanwha Aerospace, HDUSA bridges decades of global defense manufacturing excellence with an expanding American industrial footprint — producing systems where they are fielded, building local workforces, and developing layered supply chains engineered to surge on demand. With operations spanning land systems, shipbuilding, munitions, and autonomous maritime platforms, HDUSA is rapidly establishing itself as a trusted long–term partner to the U.S. military.

In land systems, HDUSA is advancing the K9 Thunder self–propelled howitzer — combat–proven across ten allied nations and the world's most widely deployed artillery platform — for adoption by the U.S. Army. In August 2026, HDUSA secured a contract to supply six K9 Mobile Howitzer (K9MH) prototypes — a wheeled variant of the K9 self–propelled howitzer — for the U.S. Army's Mobile Tactical Cannon (MTC) program. The K9 production facility in Opelika, Alabama stands as tangible proof of HDUSA's commitment to American manufacturing and industrial self–reliance.

On the maritime front, Hanwha has made it a priority to significantly contribute to revitalizing American shipbuilding. HDUSA secured its first U.S. Navy contract in March 2026 as a subcontractor on the Next–Generation Logistics Ship (NGLS) program, building on its advanced shipbuilding capabilities in Philadelphia. It is also expanding its naval shipbuilding business and pursuing entry into the unmanned surface vessel (USV) market.

In January 2026, the U.S. Army awarded HDUSA a facility lease at Pine Bluff Arsenal, Arkansas, paving the way for an advanced munitions production facility that will strengthen domestic manufacturing depth and supply chain resilience. HDUSA followed up in September 2026 with plans to invest approximately USD 2.2 billion in the Hanwha Advanced Manufacturing Campus at the site, a project expected to create nearly 400 jobs over seven years. This milestone reflects HDUSA's broader mission: ensuring American warfighters have the right capabilities, at the right scale, precisely when and where they need them.

Aerospace & Defense

Hanwha Philly Shipyard

www.hanwhaphillyshipyard.com

2025 Total Sales

397.7 In USD millions

2025 Total Assets

362.3 In USD millions

Our Expertise

Commercial shipbuilding (Jones Act container ships and product tankers), government shipbuilding, maintenance, repair & overhaul (MRO)

* Revenue and total assets are based on consolidated financial statements (IFRS).

Established in 1997 on the site of the former Philadelphia Naval Shipyard, Hanwha Philly Shipyard is one of the leading commercial and government shipbuilders in the United States. Following its acquisition by Hanwha in December 2024, the shipyard is preparing for a new chapter of growth by combining local shipbuilding experience with world-class design and engineering expertise. Since 2000, it has delivered approximately 50% of all large oceangoing commercial vessels built in the United States for domestic maritime trade, demonstrating its industry-leading track record and market position.

Today, Hanwha Philly Shipyard designs and builds a diverse range of large oceangoing vessels for commercial and government customers. Its current portfolio includes medium-range (MR) tankers, next-generation LNG-powered containerships, purpose-built maritime training vessels and specialized government vessels adapted from proven platforms. This combination of commercial and government work demonstrates the shipyard's ability to apply proven production methods across a growing range of complex maritime missions.

Since joining the Hanwha Group, Hanwha Philly Shipyard is accelerating its transformation into a smart shipyard with plans to integrate Hanwha Ocean's advanced technologies. The shipyard is enhancing both productivity and safety through initiatives centered on Smart Planning & Operations, which leverages AI-driven simulation and production optimization; Smart Manufacturing, which utilizes robotic automation and AI-based equipment control; and Smart HSE, which incorporates VR-based safety training and collision-prevention systems.

The company plans to make substantial investments to significantly expand and modernize the shipyard, including enhancements to its dry dock facilities, new production infrastructure and an expanded training academy. These investments are expected to more than double the shipyard's production capacity, enabling Hanwha Philly Shipyard to build more vessels simultaneously and support a growing portfolio of commercial and government programs, while creating more than 5,000 jobs.

By combining Hanwha Ocean's world-class technology and more than 50 years of shipbuilding expertise with decades of local manufacturing experience and a highly skilled U.S. workforce, Hanwha Philly Shipyard is becoming a key U.S. hub in Hanwha's global multi-yard strategy. This combination of global capabilities and proven American shipbuilding expertise positions the shipyard to play a leading role in revitalizing the U.S. shipbuilding industry and meeting the growing needs of both commercial and government customers.



Hanwha Solutions
Hanwha Ocean
Hanwha Energy
Hanwha Impact
Hanwha Power

Hanwha TotalEnergies Petrochemical
Hanwha Engine
Hanwha Advanced Materials
YEOCHUN NCC

Energy & Maritime Solutions

Energy & Maritime Solutions

Hanwha Solutions

www.hanwhasolutions.com

2025 Total Sales

9,375 In USD millions

2025 Total Assets

23,098 In USD millions

Our Expertise

Chemical Division: PO, PVC, CA, TDI, Bio-ENG

Qcells Division: Solar cells, modules, system hardware and software, solar financing, and EPC services

Wire & Cable Division: Wire and cable compounds (insulation, semiconductive, and jacket materials)

Insight Division: Urban development, industrial complex development, mixed-use development, data centers, renewable energy, and premium real estate and lifestyle development

Q ENERGY Division: Greenfield and project development, and construction and operation of green power plants, including photovoltaics, onshore and offshore wind, energy storage, and hydrogen

* The above total sales and total assets are based on consolidated financial statements.



Chemical Division R&D Center (Daejeon, South Korea)

Hanwha Solutions is a global solutions company connecting energy, materials, power infrastructure, and urban development through differentiated technology and innovation. With solar and other eco-friendly energy businesses as its core, we are building an integrated value chain for a sustainable future by organically connecting advanced chemical materials, core grid materials, and renewable energy and mixed-use development businesses. We continue to expand our technology innovation and global business to respond to the challenges of our time, climate change and the energy transition, providing sustainable solutions that connect people, industry, and cities.

Established in 1965 with South Korea's first domestic production of polyvinyl chloride (PVC), Hanwha Solutions Chemical Division has led the nation's chemical industry for more than 60 years. Supported by an integrated production system for basic petrochemicals, including PVC, chlor-alkali (CA), toluene diisocyanate (TDI), polyolefin (PO), and ethylene vinyl acetate (EVA), we have built a stable earnings structure and hold South Korea's No. 1 market share in CA. We are also advancing our portfolio with eco-friendly, high-performance products tailored to diverse customer needs, including high-purity XDI, the world's second successfully localized production of the material, CPVC, South Korea's first localized high-functional material of its kind, the phthalate-free plasticizer ECO-DEHCH, and hydrogenated petroleum resins. We continue to expand our portfolio through R&D in future technologies, including electrode materials for energy storage and membrane materials for water electrolysis to serve the energy industry, as well as cultivated meat technology to help address the global food crisis. Circular-economy technologies such as decrosslinking technology for waste wire materials are also part of this R&D push, strengthening our competitiveness in eco-friendly, high-value materials for the automotive, electrical and electronics, and energy industries.

Hanwha Solutions Qcells Division is a complete energy solutions provider spanning high-efficiency solar cells and modules, system hardware and software, EPC services, and financing. Through its manufacturing footprint in Georgia, USA, Qcells has established America's first vertically integrated solar manufacturing supply chain — covering all key production stages from ingots and wafers to cells and modules — securing the largest manufacturing capacity among silicon-based solar module manufacturers in the region. Building on its legacy as the pioneer in commercializing PERC technology, Qcells continues to lead the premium solar market with its N-type TOPCon-based Q.TRON modules. The company is also accelerating next-generation technology development, becoming the world's first to obtain IEC certification for proprietary ground-mounted perovskite-based tandem modules while actively participating in space solar power validation projects. In 2025, Qcells launched "EcoRecycle by Qcells", a new business for end-of-life module recycling, completing a closed-loop circular economy framework from production to recycling. Demonstrating robust brand leadership, Qcells maintained the No. 1 market share in the U.S. residential sector for 8 consecutive years and in the commercial sector for 7 consecutive years as of 2025, according to Wood Mackenzie. Furthermore,

its global excellence was reaffirmed in 2026 by EUPD Research, earning the “Top Brand PV” designation for 5 consecutive years in the U.S. and 13 consecutive years in Europe.

Supplying core materials to more than 265 wire and cable manufacturers worldwide, Hanwha Solutions Wire & Cable Division develops and produces high-value-added polymer compounds for power transmission and distribution cables, including extra-high-voltage cable insulation (XLPE), semiconductive (Semicon), and jacket materials. We were the first in South Korea to develop XLPE materials for HVDC (high-voltage direct current) transmission and to commercialize an EBA (ethylene butyl acrylate copolymer)-based semiconductive compound for extra-high-voltage cables. Building on that track record, we successfully completed 500kV HVAC and 320kV HVDC type tests in 2026, demonstrating world-class technological capability. Rising demand for extra-high-voltage and submarine cables, driven by AI infrastructure expansion and the energy transition, is a new growth opportunity we are using to further strengthen our competitiveness in the global grid market.

Backed by more than 20 years of development experience, Hanwha Solutions Q ENERGY Division is leading Europe’s clean energy market as a specialized renewable energy business. We operate over 2 GW of renewable energy assets and hold a development pipeline of approximately 14 GW across seven countries: Spain, Portugal, France, Germany, the Netherlands, Italy, and the U.K. Our portfolio spans solar, onshore and offshore wind, and large-scale energy storage. From development and engineering to EPC, operations and maintenance (O&M), and independent power production (IPP), we cover the full renewable energy value chain, driving Europe’s energy transition forward.

Hanwha Solutions Insight Division is an integrated developer delivering urban developments, industrial complexes, data centers, renewable energy projects, and premium lifestyle assets. Building on integrated capabilities from planning and development to financial structuring, construction, and operations, we are pioneering a future-oriented mixed-use development model that combines industry, energy, and residential environments, including projects at Anseong, Seoochang, a second site in Yongin, and Hwaseong H-Techno Valley, key industrial hubs in the greater Seoul area. Our Ulsan KTX Station Area Complex received an Excellence Award at the 2025 KODA Developer Awards, and we are expanding our digital infrastructure business with the development of Hanwha Group’s second data center at Anseong Techno Valley in response to rising AI demand. We are also building a new growth foundation under our MUWA brand, expanding premium lifestyle assets including MUWA NISEKO in Japan and MUWA JADE in South Korea.



Qcells Cartersville Solar Manufacturing Facility (Georgia, U.S.)

By connecting solar and renewable energy, advanced chemical materials, core grid materials, and future-oriented urban development into one integrated solution, Hanwha Solutions is committed to leading the era of energy transition and carbon neutrality as a trusted global sustainability partner.



MUWA NISEKO (Hokkaido, Japan)

Energy & Maritime Solutions

Hanwha Ocean

www.hanwhaocean.com

2025 Total Sales

8,988 In USD millions

2025 Total Assets

14,036 In USD millions

Our Expertise

Commercial Ships: LNG carriers (LNGC), very large gas carriers (VLGC), very large crude oil carriers (VLCC), container ships

Offshore Plants: Drillships, floating LNG facilities (FLNG), floating production, storage, and offloading units (FPSO), floating production units (FPU), wind turbine installation vessels (WTIV)

Specialty Ships: Submarines, destroyers, frigates, and maintenance, repair, and overhaul (MRO) business

Wind Power: Onshore wind, offshore wind

Plants: Chemical plants, power plants, and industrial/environmental plants

* The above total sales and total assets are based on consolidated financial statements.

Learn more about Hanwha Ocean in this video.

Since its inception in 1973, Hanwha Ocean has spent more than half a century building world-class expertise in shipbuilding, offshore, and defense to become a global, comprehensive ocean solutions company. Our shipyard near the Port of Okpo in Geoje, South Gyeongsang Province, is the largest single shipyard in the world, and we hold top-tier competitiveness across a wide range of fields, including LNG carriers, very large crude oil carriers (VLCC), container ships, offshore plants, and defense. Built around two key growth pillars, smart production innovation driven by AI Transformation (AX) and our global multi-yard expansion strategy, we are accelerating our leap toward becoming a Global Ocean Solution Provider.

In 2025, Hanwha Ocean became the first single shipyard to deliver its 200th LNG carrier, once again proving the unrivaled design and construction technology that makes commercial ships our core competitive strength. We also maintain firm competitiveness in the global market by building a range of high-value vessels, including very large gas carriers (VLGC), very large crude oil carriers (VLCC), and ultra-large container ships. With differentiated technologies such as the world's first dual-fuel VLCC with a high-manganese steel LNG fuel tank and our icebreaking LNG carriers for Arctic operations, we lead the eco-friendly vessel market. Our solutions also span the entire LNG value chain, from LNG carriers to floating storage and regasification units (FSRU) and floating LNG production facilities (FLNG).

Having built the world's first FLNG facility, Hanwha Ocean set a new global benchmark in offshore plants. We now offer integrated capabilities from design to procurement, construction, and commissioning for a wide range of ultra-large offshore plants, including floating production, storage, and offloading (FPSO) units, floating production units (FPU), and drillships. Offshore wind is also a growing part of our business, with specialized vessels and equipment such as wind turbine installation vessels (WTIV) and offshore substations (OSS) providing a total offshore wind value chain solution that spans design through EPC (engineering, procurement, and construction).

Geoje Shipyard (Geoje, South Korea)



Specialty ships and defense are core businesses that represent South Korea's maritime defense industry. We have successfully built combat vessels, including the Korea Submarine–III (KSS–III) Dosan Ahn Chang–ho, South Korea's first domestically built 3,000–ton–class submarine, as well as destroyers and frigates, contributing to strengthening South Korea's naval forces. In 2026, we signed a contract for South Korea's next–generation destroyer program (KDDX). Our competitiveness in overseas submarine and surface vessel export markets continues to expand as well. Through Hanwha Philly Shipyard, Inc. (HPSI) in the United States, we entered the Jones Act commercial and defense shipbuilding market, and shortly after the acquisition we secured an MRO contract for a U.S. Navy vessel, establishing ourselves as a key partner in the American maritime industry. We are building on this foothold through smart–yard upgrades and local talent development, strengthening our global multi–yard system.

Eco–friendly technology is a key pillar driving Hanwha Ocean's future growth. We develop and mass–produce next–generation green core equipment in–house, including LNG dual–fuel propulsion technology, our fuel gas supply system (FGSS), boil–off gas (BOG) reliquefaction technology, ammonia fuel supply systems, cargo handling systems (CHS), and ammonia release mitigation systems (ARMS). Energy–saving technologies such as onboard carbon capture systems (OCCS), wind–assisted propulsion systems (WAPS), air lubrication systems (ALS), and contra–rotating propellers (CRP) are also reducing carbon emissions. At the same time, we are proactively preparing for the next era of carbon–free ocean mobility by developing ammonia gas turbine–based electric propulsion ships and liquid hydrogen carriers (LH2C).

AI Transformation (AX), which integrates artificial intelligence and digital technologies, is a core strategy reshaping the entire shipbuilding lifecycle at Hanwha Ocean. We are building smart yards using generative AI–based design automation and hull–form optimization, a shipbuilding–specific large language model (LLM) and AI agent–based decision–making, and automated pipe fabrication, welding, and logistics. We are also advancing smart–ship digital solutions that connect a vessel's entire life cycle via a digital–twin–based integrated design, production, and operation platform. Combined with autonomous navigation, predictive maintenance, and AI–based process management and quality prediction, these solutions are helping us secure world–class productivity and quality competitiveness.



Hanwha Ocean's 200th LNG carrier

With leading capabilities across commercial ships, offshore plants, and specialty ships, Hanwha Ocean is pioneering a new future for the global ocean industry with continued advances in low–carbon vessels, offshore wind, smart ships, and AX–based digital technology. As we complete our global multi–yard system, we are advancing as a Global Ocean Solution Provider that connects shipbuilding, offshore, energy, and defense. Through this global network, we aim to set new standards for a safer, more sustainable maritime industry and create a better future for the world's oceans.



The Korea Submarine–III (KSS–III)
Dosan Ahn Chang–ho

Energy & Maritime Solutions

Hanwha Energy

www.hanwha-energy.com

2025 Total Sales

4,720 In USD millions

2025 Total Assets

15,064 In USD millions

Our Expertise

Cogeneration (combined heat and power), renewable energy power plant project development, energy solutions development, smart factory solutions, factory automation, global O&M services, and renewable energy solutions

* The above total sales and total assets are based on consolidated financial statements.

Learn more about Hanwha Energy in this video.



Oberon 1A Solar Power Plant (Texas, U.S.)

Since its start in the cogeneration business in 2007, Hanwha Energy has expanded into solar power, energy storage systems (ESS), power retail, and LNG generation to become a comprehensive energy solutions company. Our merger with subsidiary Hanwha Convergence built an integrated energy platform that combines PLC-based smart factory solutions with our global O&M capabilities, and we are evolving into a global energy company that develops and operates renewable energy projects not only in South Korea but across the United States, Europe, Japan, and Australia.

We operate state-of-the-art cogeneration plants in the Yeosu and Gunsan national industrial complexes, supplying stable electricity and heat to companies there. To make this business more competitive, we are converting our Yeosu plant to LNG and shifting some Gunsan equipment to biomass, strengthening our clean energy technology capabilities. In Tongyeong, South Gyeongsang Province, we completed a 1 GW LNG combined-cycle power plant and brought it into commercial operation, expanding our stable power supply base. Grid flexibility is also improving through ESS-linked projects.

We operate the world's first and largest 50 MW byproduct-hydrogen fuel cell power plant, leading the way in low-carbon, hydrogen-based power generation.

Our solar business is expanding across the United States, Europe, Japan, and Australia, covering solar power, ESS, and power retail. In North America, as of the end of 2025, we had secured a development pipeline of 10.5 GW in solar and 8.6 GW in ESS. Our Texas retail brand, Chariot Energy, was named the "Best Texas Electricity Provider" by the Houston Chronicle in recognition of its customer competitiveness. In Europe, we successfully brought an ESS project in Ireland into commercial operation. Our global O&M expertise now supports power plant operations, maintenance, and asset management throughout the full lifecycle.

The Convergence business provides facility monitoring and control system (FMCS) and PLC-based automation solutions for semiconductor and display plants, along with intelligent control systems for the automotive and logistics sectors. Smart crane and smart-yard solutions for major shipyards at home and abroad round out this portfolio, leading digital transformation across industry. Our in-house energy digital platform delivers an end-to-end solution — from EPC through real-time monitoring and power generation forecasting to advanced operations and maintenance (O&M) — for 3.4 GW of solar and 5 GWh of battery energy storage system (BESS) assets worldwide, maximizing the operating efficiency of our energy assets. Through Hanwha Shinhan TWh, we also offer renewable energy power purchase agreement (PPA) solutions for companies implementing RE100, supporting their energy transition.

As a global energy company leading the shift toward sustainable energy, Hanwha Energy will continue to weave together solar, ESS, LNG power, hydrogen, and its digital energy platforms into one seamless solution, ensuring reliable power supply and lowering carbon emissions.

Energy & Maritime Solutions

Hanwha Impact

www.hanwhaimpact.com

2025 Total Sales

2,866 In USD millions

2025 Total Assets

8,192 In USD millions

Our Expertise

Investment business (energy transition, industrial deep tech), PTA manufacturing

* The above total sales and total assets are based on consolidated financial statements.

Our name, Hanwha Impact, reflects our mission: to create a positive impact on people and the planet through technological innovation that builds a sustainable future. We are an investment company that strategically invests in industrial deep tech spanning machinery, aviation, shipbuilding, and marine, and in the energy transition. Backed by our stable purified terephthalic acid (PTA) manufacturing business, we are investing early in future growth technologies, securing new growth engines that will drive carbon neutrality and improve the quality of human life.

With three subsidiaries, Hanwha Engine (marine and power generation engines), Hanwha Power (industrial compressors and gas turbine engineering services), and Hanwha Aviation (aircraft engine leasing), Hanwha Impact operates a business portfolio in machinery, aviation, shipbuilding, and maritime industries. We are also expanding strategic equity investments in industrial deep tech areas where we can create synergies with other Hanwha Group affiliates.

In supporting the energy transition, we built our foundation on the gas turbine service and hydrogen co-firing technology gained through our acquisitions of the U.S.-based PSM and Netherlands-based Thomassen Energy. This allowed us to successfully demonstrate the world's first 60% hydrogen co-firing and full hydrogen combustion in an 80 megawatt-class or larger LNG gas turbine, making advancements in carbon-free power generation technology. PSM has since been integrated into Hanwha Power, which is drawing on strategic synergy to lower carbon emissions in existing power plants and drive growth in decarbonization solutions. Hanwha Power is also pursuing the district energy business through domestic independent power producer (IPP) projects.

Our PTA business is a stable profit engine, with four production lines in Ulsan and Daesan giving us an annual capacity of 1.85 million tons, the largest in South Korea. Key raw materials such as polyester fiber, PET resin, film, and paint reach more than 50 customers at home and abroad, and we lead the domestic PTA market through cost competitiveness and quality management. What sets Hanwha Impact apart is our ability to drive investment in future growth industries by securing reliable cash flow through existing businesses.

Fueled by the steady earnings from its PTA business, Hanwha Impact will keep expanding strategic investment in machinery, aviation, shipbuilding, marine, and energy transition wherever technology and cross-business synergies can be captured. This strategy enables Hanwha Impact to support building a sustainable future as a global impact investment company.



PTA manufacturing (Daesan, South Korea)



Energy & Maritime Solutions

Hanwha Power

www.hanwhapower.com

2025 Total Sales

753 In USD millions

2025 Total Assets

2,165 In USD millions

Our Expertise

Industrial compressor manufacturing and supply, gas turbine and eco-friendly power generation solutions, aftermarket (AM) services, and marine solutions.

* The above total sales and total assets reflect combined results across all business areas of Hanwha Power and Hanwha Power Global.

Hanwha Power is a global energy solutions company that builds energy transition infrastructure across the power generation, industrial, and marine sectors, grounded in its expertise in industrial compressors and gas turbines. Newly launched in 2026 through the integration of the Hanwha Power Systems and U.S. PSM brands, Hanwha Power has built an integrated energy portfolio of compressors and gas turbines, offering full life-cycle solutions from equipment supply through retrofitting, upgrades, and maintenance. We hold South Korea's only proprietary design and manufacturing capability for high-pressure gas compressors, along with proven technology for full hydrogen combustion in medium- to large-scale gas turbines. As of 2025, we have sold more than 9,000 compressors cumulatively, demonstrating our technological strength. Integrated energy solutions optimized for AI data centers, power generation, and industry as a whole are expanding our foundation for next-generation growth.

Industrial compressors are our core business, supplying high-efficiency air and gas compressors and expanders to the petrochemical, oil refining, LNG, power generation, steel, and hydrogen industries. We supply proprietary technologies, such as the world's first turbo compressor for offshore VRUs (vapor recovery units) and cryogenic gas compressors for LNG carriers and FSRUs, which have earned us the trust of global energy companies, including Saudi Aramco, as an official vendor. More recently, our Expander Booster and CO_2 compression solutions have improved the energy efficiency of air separation units and contributed to CCUS infrastructure. Our global service network of more than 40 service agents also delivers customized service.

In the energy transition and power generation, we help reduce carbon emissions at power plants through improved LNG gas turbine performance, hydrogen co-firing, and full-combustion retrofit technology. In technical cooperation with Hanwha Impact, we have advanced demonstrations of 60% hydrogen co-firing and full hydrogen combustion in medium- to large-scale turbines, and our proprietary FlameSheet™ combustor platform delivers eco-friendly retrofit solutions that support the low-carbon conversion of existing gas turbines. Beyond land-based power generation, we are also expanding into marine mobility decarbonization, partnering with Hanwha Ocean and Baker Hughes to jointly develop an ammonia gas turbine propulsion system. We are also developing large-capacity heat pump technology that reuses waste heat from industrial processes and AI data centers to improve energy circulation efficiency.

In the marine solutions sector, we lead the maritime industry's energy transition by delivering integrated solutions that span ship design and engineering procurement (EP), eco-friendly retrofits, and hybrid propulsion system integration. We are expanding our design and EP capabilities for next-generation green vessels — including electric-propulsion container ships, LNG bunkering vessels, and offshore support vessels (OSVs) — while providing high-complexity ship conversion services such as LNG carrier-to-FSRU transformations and energy-efficiency improvement solutions. By organically combining Hanwha's core technologies and equipment — engines, ESS, electric propulsion systems, regasification units, and wind-assisted propulsion systems (WAPS) — we deliver integrated marine solutions that enhance vessel performance and efficiency while reducing carbon emissions.

Focused on compressors and gas turbines, Hanwha Power will continue to advance an integrated energy portfolio encompassing hydrogen, ammonia, CCUS, and thermal energy recovery. This portfolio is positioning Hanwha Power as a global energy solutions company leading the energy transition across power generation, industry, and marine sectors.



Regeneration gas compressor used in gas dehydration processes at gas processing plants

Energy & Maritime Solutions

Hanwha TotalEnergies Petrochemical

www.htpchem.com

2025 Total Sales

7,577 In USD millions

2025 Total Assets

5,102 In USD millions

Our Expertise

Basic Petrochemicals: Ethylene, propylene, butadiene, benzene

Chemical Products: EO/EG, SM, PX

Resin Products: PE, PP, EVA

Energy Products: LPG, gasoline, diesel, kerosene, jet fuel, bunker fuel, HI-SENE, solvents

* The above total sales and total assets are based on consolidated financial statements.

Learn more about **Hanwha TotalEnergies** Petrochemical in this video.

Hanwha TotalEnergies Petrochemical is a comprehensive materials and energy company producing high-value chemical and energy products, and has led the growth of South Korea's petrochemical industry since its founding in 1988. In 2003, we secured world-class technology and operational expertise through a joint venture with TotalEnergies, a major global energy company, with the vision to become a 'Responsible Chemical & Energy Leader.' We are advancing into a global materials and energy company, driven by technological innovation and sustainable growth.

We are the first company in South Korea's petrochemical industry to operate a naphtha cracking center (NCC), a condensate fractionation unit (CFU), and an aromatics plant (BTX) all within a single production complex. Our portfolio spans basic petrochemicals such as ethylene, propylene, and butadiene; chemical products including PX, SM, and EO/EG; high-value resin products such as PE, PP, and EVA; and a wide range of energy products from gasoline and diesel to jet fuel and LPG. With an annual production capacity of 1.53 million tons of ethylene, 2.05 million tons of PX, 1.04 million tons of SM, and 1.10 million tons of PP, we have built a vertically integrated system covering raw material sourcing through basic petrochemicals, chemical products, and resin products, achieving strong operating efficiency and cost competitiveness. In PX and SM in particular, we hold South Korea's largest production capacity, strengthening our competitiveness in the global market.

Hanwha TotalEnergies Petrochemical's core competitive strength is its outstanding technology. Products such as our solar-cell EVA sheets and FMF (Flow Mark Free) PP for automotive composite materials have been named World Class Products by South Korea's Ministry of Trade, Industry and Energy, and our R&D capabilities have also been recognized through the IR52 Jang Young-sil Award and New Excellent Technology (NET) certification. Through in-house R&D, we continue to develop high-performance, high-value materials for future industries, including EVA for solar cell encapsulants,



Daesan Plant Headquarters (Seosan, South Korea)

VPE for secondary battery separators, CSPP for eco-friendly power cables, pharmaceutical-grade PP, and ultra-high-purity solvents for semiconductor processes. Investment in process optimization and equipment efficiency further raises both our productivity and quality competitiveness.

Eco-friendly technology development is also a growing priority for us. We are preparing for the era of carbon neutrality by advancing production technology for sustainable aviation fuel (SAF) made from waste cooking oil and demonstrating South Korea's first NCC-based carbon capture, utilization, and storage (CCUS) technology. Investment in circular-economy materials such as bio-based materials and recycled plastics is expanding alongside these efforts. These achievements earned us a Gold rating in 2026 from EcoVadis, a global ESG assessment organization, recognizing our ESG competitiveness at a global level.

With safety and principle at our core, **Hanwha TotalEnergies** Petrochemical will keep pushing the boundaries of challenge and innovation, leading the future of a sustainable materials and energy industry through the high-value materials and energy products that power advanced industries.

Energy & Maritime Solutions

Hanwha Engine

www.hanwha-engine.com

2025 Total Sales

964 In USD millions

2025 Total Assets

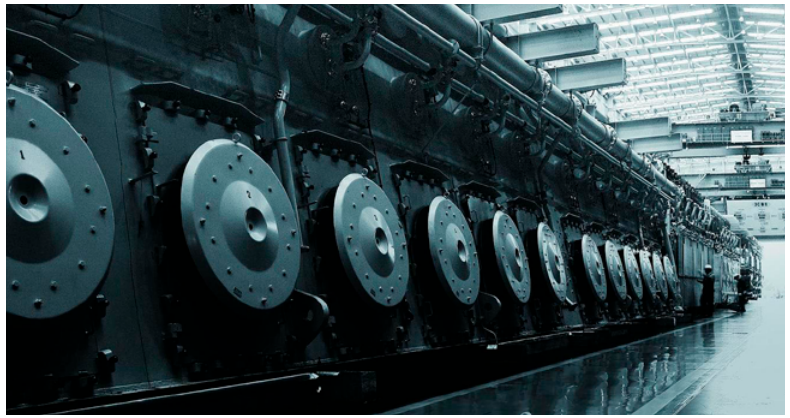
1,182 In USD millions

Our Expertise

Marine Propulsion: Low-speed and medium-speed engines, electric propulsion

AM (Aftermarket) Business: Engine part sales and technical services

* The above total sales and total assets are based on consolidated financial statements.



Marine engines

Since its founding in 1999, Hanwha Engine has grown to become a global top-tier company in the marine engine industry through relentless challenge and technological innovation. As a global engine specialist providing low-speed marine engines, low-carbon propulsion systems, and engine service solutions, we hold approximately 20% of the global market for two-stroke, low-speed diesel engines used in large vessel propulsion, supplying core propulsion systems reliably to major shipyards in South Korea and abroad, including Hanwha Ocean. We have also resumed our medium- and small-vessel engine business, expanding our scope to become a total solutions provider covering the full range of marine propulsion.

In low-speed marine engines, our core business, we supply high-efficiency engines for a wide range of vessel types, including LNG carriers, container ships, and very large crude oil carriers (VLCC). We have advanced marine engine technology through the world's first commercialization of a dual-fuel engine and the development of our proprietary selective catalytic reduction (SCR) system, DeNOx. In 2025, we became the first in the world to successfully produce an LNG carrier engine featuring variable compression ratio (VCR) technology, simultaneously improving fuel efficiency and reducing carbon emissions. Next-generation engines powered by methanol and ammonia are also under development, with the aim of helping shipowners meet the International Maritime Organization's (IMO) environmental requirements.

Combining four-stroke medium-speed engines, power generation equipment, and our AM (aftermarket) business, we offer a broad portfolio of services that spans a vessel's entire life cycle. Beyond parts supply, maintenance, and performance upgrades, we improve customers' operating efficiency and safety through field technical support via our global service network, digital remote monitoring, predictive maintenance, and engine performance analysis. In cooperation with Hanwha Ocean and Hanwha Power, we are also continuously strengthening our competitiveness in integrated eco-friendly marine propulsion solutions.

Marine mobility is also a growing area of expansion for us. In 2025, we acquired SEAM, a Norwegian electric propulsion systems specialist, extending our business into electric and hybrid propulsion systems as well as shore charging infrastructure. This has allowed us to build an integrated propulsion portfolio ranging from low- and medium-speed engines powered by alternative fuels to electric and hybrid propulsion systems. Such a portfolio gives us the competitiveness to support every stage of a vessel's decarbonization.

Under the slogan 'Powering the Future of Maritime,' Hanwha Engine is leading the market for low- and zero-carbon marine engines and next-generation propulsion systems. Tapping into synergies across Hanwha Group's ocean and energy affiliates, we will establish ourselves as a global, integrated propulsion solutions company that drives the sustainable transition of marine energy.

Energy & Maritime Solutions

Hanwha Advanced Materials

www.hwam.co.kr

2025 Total Sales

811 In USD millions

2025 Total Assets

974 In USD millions

Our Expertise

Lightweight composite materials, solar materials

* The above total sales and total assets are based on consolidated financial statements.

Learn more about Hanwha Advanced Materials in this video.

Hanwha Advanced Materials is an advanced materials specialist responding to the evolving demands of the future mobility and eco-friendly energy industries, guided by its vision: 'Our technology advances, connected with new wave.'

Centering on lightweight composite materials and solar materials at its core, we deliver differentiated, high-performance material solutions. Supported by global production and R&D networks across South Korea, North America, Europe, and China, we continue to grow as a partner trusted by customers around the world.

Drawing on proprietary material and molding technologies built up since entering the automotive materials business in 1986, our lightweight composite materials division has strengthened its competitiveness in automotive interior, exterior, and structural components. Our diverse product lineup — including StrongLite, SuperLite, BuffLite, IntermLite, and SMC (Sheet Molding Compound) — delivers high-strength, ultra-lightweight materials across a wide range of applications, including undercovers, headliners, bumper cores, door trims, electric vehicle (EV) battery pack covers, truck beds, and energy storage system (ESS) components.

As the industry shifts toward electrification, we are enhancing structural stability, lightweighting, thermal management, electromagnetic interference (EMI) shielding, and thermal runaway suppression in the Battery Pack Case (BPC), a core component of EV battery systems. Our next-generation mobility materials portfolio is also expanding through the development of composite-based battery pack structural components and ESS materials, contributing to vehicle lightweighting, improved energy efficiency, and reduced carbon emissions.

Building on more than 30 years of sheet manufacturing expertise, we produce and supply encapsulants and backsheets for solar modules. Since successfully localizing the production of encapsulants in 2010, we have earned recognition for quality from leading solar module manufacturers at home and abroad, and our high-efficiency film technologies continue to reinforce the stability and efficiency of the renewable energy sector.

True to our slogan, 'Be Greener, Be Lighter, Be More,' we are building a sustainable tomorrow through eco-friendly materials, unlocking new value for future mobility with lightweight technology, and creating greater impact through next-generation technology. Leveraging our global production network and technological capabilities, we will strengthen our competitiveness in solar materials, expand our presence in the electric vehicle market, and pursue new business opportunities. These efforts are driving us toward becoming a global leader in high-performance lightweight composite materials.



Hanwha Advanced Materials manufacturing facility (Sejong, South Korea)

Energy & Maritime Solutions

YEOCHUN NCC

www.yncc.co.kr

2025 Total Sales

3,921 In USD millions

2025 Total Assets

2,049 In USD millions

Our Expertise

Naphtha cracking-based petrochemical feedstock production and supply

* The above total sales and total assets are based on consolidated financial statements.



Aerial view of the plants (Yeosu, South Korea)



Plant 1

YEOCHUN NCC operates a world-class naphtha cracking center (NCC) at the Yeosu National Industrial Complex, on the southern tip of the Korean Peninsula. Established in 1999 as a 50:50 joint venture between Hanwha Solutions and DL Chemical, which combined their respective NCC operations, we are South Korea's leading NCC company. Built on the two companies' core chemical assets, we have driven the competitiveness of South Korea's petrochemical industry through steady investment, product specialization, facility expansion, and an intense focus on our core business.

Our technologically advanced production facility gives us large-scale capacity, producing 2.29 million tons of ethylene, 1.29 million tons of propylene, and 6.2 million tons of petrochemical feedstocks overall each year, including BTX (benzene, toluene, xylene), butadiene, and styrene monomer (SM). With the nation's leading production capacity, we reliably supply high-purity feedstocks to major petrochemical companies at home and abroad. This gives Hanwha affiliates and our other customers a competitive edge in producing high-quality downstream petrochemical products. We also draw on the strategic location of the Yeosu National Industrial Complex to secure high operating efficiency across raw material sourcing, production, and logistics.

YEOCHUN NCC continues to strengthen its operating efficiency and cost competitiveness on the strength of our accumulated NCC operating technology and process know-how. We attribute our year-over-year growth to loyal customers, a sophisticated management system, and a sound financial structure. Our professional, highly skilled employees combine deep industry expertise with cutting-edge technology, making our workforce a true differentiator. Close customer partnerships and an unwavering focus on safety and the environment underpin the stable, sustainable supply system we have built.

Looking ahead, **YEOCHUN NCC** will remain intensely focused on our core business, continuing to strengthen the competitiveness of South Korea's chemical industry through stable feedstock supply and ongoing technological innovation. As we keep building our capabilities, our continued expansion will propel **YEOCHUN NCC**'s competitiveness onto the global stage.

Hanwha Life
Hanwha Insurance
Hanwha Asset Management

Hanwha Investment & Securities
Hanwha Savings Bank
Hanwha Life Financial Service

Finance

Finance

Hanwha Life

www.hanwhalife.com

2025 Total Sales

19,291 In USD millions

2025 Total Assets

124,423 In USD millions

Our Expertise

Insurance, retirement pensions, asset management

* The above total sales and total assets are based on consolidated financial statements.

Learn more about Hanwha Life in this video.



Hanwha Life 63 Building (Seoul, South Korea)

Established in 1946, Hanwha Life is South Korea's first life insurance company. For more than 80 years, we have grown alongside the nation's economy, playing a leading role in the development of the domestic insurance industry and safeguarding the lives of generations of customers. With a customer-first management philosophy, a stable financial foundation, and differentiated product competitiveness, we provide comprehensive financial services covering insurance, retirement pensions, and asset management. In 2025, our consolidated assets reached USD 124 billion, reflecting our continued growth as South Korea's leading life insurer. We also operate the broadest global network of any South Korean life insurer, accelerating our transformation into a global integrated financial company.

As a financial partner for every stage of our customers' lives, Hanwha Life places consumer protection first, across every step from product development to claims payment. Tailored products reflecting customers' diverse lifestyles and financial needs continue to expand, alongside stability-focused, long-term asset management and systematic risk management that grow the value of our customers' assets. We were the first in the industry to earn Certification for Excellence in Consumer-Centered Management (CCM) for ten consecutive terms. Innovative offerings such as AI-based automated claims underwriting and cancer insurance integrated with cancer care services keep us at the forefront of change in the insurance industry. Our differentiated customer competitiveness across sales and service is further reflected in our top ranking in the life insurance customer-contact category of the Korean Service Quality Index (KSQI) for 16 consecutive years. In retirement pensions, we are broadening our corporate customer base with stable asset allocation strategies and performance-based products, and through our PLUS brand, we are delivering a new customer experience that connects finance, health, and lifestyle.

Digital innovation and AI sit at the core of Hanwha Life's growth strategy. Anchored by our AX Strategy Office, AI Office, the Hanwha Life AI





Research Institute, and the Hanwha AI Center (HAC) in San Francisco, we continue to advance our AI technology and data capabilities. As a life solutions partner, we are expanding tailored services in insurance, health, and asset management to support customers across every stage of life. Our AI-powered consultation and analysis solutions strengthen the expertise and productivity of our financial advisors while giving customers a simpler, more trustworthy financial experience. Our data-driven personalization and digital financial innovation are setting new standards for the industry. In 2025, we obtained ISO/IEC 42001 certification, the international standard for AI management systems, establishing a trusted framework for AI-based financial services. For 18 consecutive years, we have also been named an outstanding call center by the KSQI, striking a balance between digital technology and people-centered service.

Global business is also central to how we aim to drive future growth. The successful localization of our Vietnam subsidiary is now guiding our expansion into Indonesia, where in 2025 we entered the banking sector for the first time by acquiring a stake in Indonesia's Nobu Bank, extending our reach beyond insurance. That year, we also completed the acquisition of U.S. securities firm Velocity Clearing, adding momentum to our global financial platform. By connecting major financial hubs in Asia with the United States and the Middle East, we are creating new growth opportunities in insurance, banking, securities, and digital finance.

Looking ahead, Hanwha Life will advance its growth strategy around three core pillars: consumer protection, digital and AI innovation, and global expansion. Drawing on our AI capabilities and global expertise, we will continue to serve as a trusted lifelong partner to our customers while evolving into a global integrated financial company that leads the future of finance.

Finance

Hanwha Insurance

www.hwgeneralins.com

2025 Total Sales

5,238 In USD millions

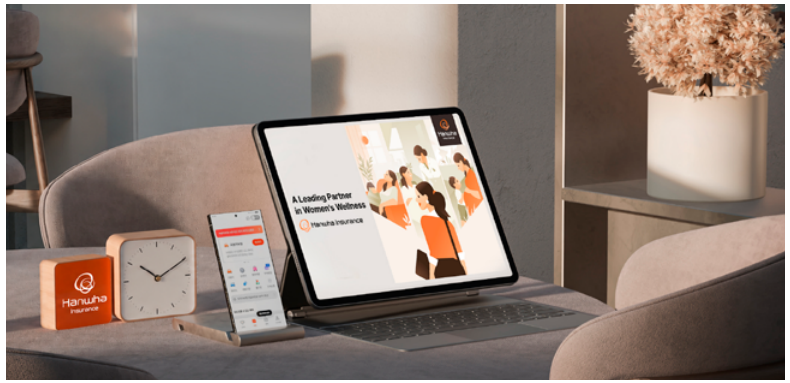
2025 Total Assets

14,282 In USD millions

Our Expertise

Long-term insurance, auto insurance, general insurance, secured loans, personal loans

* The above total sales and total assets are based on consolidated financial statements.



Founded in 1946 with domestic capital, Hanwha Insurance is South Korea's first non-life insurer, offering comprehensive protection solutions across the customer lifecycle through long-term, auto, and general insurance. We recorded USD 5.24 billion in sales and USD 14.28 billion in assets in 2025, extending our track record of steady growth. That same year, we completed our merger with Carrot General Insurance ("Carrot"), reinforcing our competitiveness as an AI-driven leader in women's wellness by unifying Carrot's digital capabilities and assets.

With our brand vision of becoming a 'Leading Partner in Women's Wellness,' we established the Femtech Intelligence & Research Center to improve women's everyday lives and health. The center conducts in-depth research into women's health throughout the life cycle, using its findings to set new standards for women-focused insurance and lead the market. We are also working to build a women's wellness network spanning physical and mental well-being, personal growth, financial wellness, and relationships, evolving beyond insurance into a comprehensive wellness partner for women.

Our flagship product, Hanwha Signature Women's Health Insurance, offers broad coverage tailored to every stage of a woman's life, from infertility, childbirth, and childcare to women-specific conditions such as breast and ovarian cancer, stress-related mental illness, and legal costs related to domestic violence. The product series has secured a total of 22 exclusive-use rights. In recognition of its contribution to addressing South Korea's low birthrate, the product was also selected by the Financial Supervisory Service as an Excellent New Product in the area of Win-Win Cooperative Finance.

We have also made tangible progress in digital services and ESG. Our mobile video customer center uses patented single-device, multi-factor authentication, enhancing both the convenience and security of remote services. Through our 'We'll-Together' ESG campaign, we support the establishment of hospital schools and provide counseling services for long-term caregivers underserved by existing women's wellness services, putting socially responsible management into practice. Building on these efforts, we have received an overall A rating in the Korea Institute of Corporate Governance and Sustainability's ESG assessment for five consecutive years, reinforcing our position as a leader in sustainable management.

Global expansion is another key driver of growth. In 2025, we incorporated Indonesia's Lippo General Insurance as a subsidiary, establishing an independent foothold in ASEAN's largest market and expanding our business base, particularly in the local general insurance sector. This move diversifies our portfolio into a high-potential market and advances our position as a global insurer.

With the goal of becoming a top-tier non-life insurer by 2030, Hanwha Insurance is pursuing quality-driven growth on a solid operational foundation while securing competitiveness for future businesses. We will continue advancing differentiated financial and wellness solutions for women throughout every stage of life and maximizing synergies with Carrot's digital platform, firmly establishing ourselves as the non-life insurer that truly knows women best.

Finance

Hanwha Asset Management

www.hanwhafund.co.kr

2025 Total Sales

114 In USD millions

2025 Total Assets

1,029 In USD millions

Our Expertise

Collective investment fund management, discretionary investment management

Learn more about Hanwha Asset Management in this video.

Hanwha Asset Management is a leading comprehensive asset manager in South Korea, offering a broad range of investment solutions across domestic and overseas equities, bonds, ETFs, and pensions, as well as real estate, infrastructure, private equity (PE), venture capital (VC), and private credit. With a customer-first principle, we have built a systematic operating framework across product development, research, compliance, and risk management, and our disciplined investment approach allows us to respond proactively to shifting market conditions, delivering stable asset growth and long-term investment value for our clients. Our assets under management (AUM) surpassed USD 83.63 billion at the end of 2025, placing us among the top asset managers in South Korea.

Rapid growth has defined our ETF business since we rebranded our former ARIRANG lineup as PLUS in 2024. Since the rebrand, net assets in our PLUS ETFs have more than doubled, from USD 2.3 billion to USD 5.1 billion, and both our PLUS K-Defense and PLUS High Dividend ETFs have individually surpassed USD 697 million in net assets. In 2025, we demonstrated our global operating capabilities by listing the PLUS Korea Defense Industry Index (KDEF), an ETF built around South Korea's defense sector, on the New York Stock Exchange (NYSE) in partnership with U.S. asset manager ETC.

In alternative investments, we manage a diversified portfolio of real estate, infrastructure, PE, and VC, providing tailored investment solutions for institutional investors and high-net-worth (HNW) clients at home and abroad. Our digital investment platform, PINE, is also growing quickly, having surpassed 140,000 cumulative users while delivering a customer-centered digital investment experience, and we continue to expand our product development and strategic investments to meet the demands of the digital asset market.

On the global front, we completed a three-office overseas network in 2025 by establishing a subsidiary in the United Arab Emirates, adding to our existing operations in the United States and Singapore. Our U.S. subsidiary is expanding its alternative investment and overseas bond businesses, while our Singapore subsidiary serves as a key hub for our push into Asian markets, strengthening our limited partner (LP) network. Set to obtain an asset management license in 2026, our UAE subsidiary is pursuing fundraising from Middle Eastern institutional investors, including Abu Dhabi's sovereign wealth fund, broadening our global investment foundation.

Hanwha Asset Management will continue strengthening our competitiveness in ETFs, pensions, and alternative investments while expanding our global investment network. Under our vision to be A Life-long Generational Partner, we aim to grow into a world-class asset management company defined by deep, long-term investment expertise and global operating capabilities.



Finance

Hanwha Investment & Securities

www.hanwhawm.com

2025 Total Sales

2,176 In USD millions

2025 Total Assets

12,097 In USD millions

Our Expertise

Securities brokerage and underwriting, asset management services

* The above total sales and total assets are based on consolidated financial statements.



Established in 1962, Hanwha Investment & Securities is a comprehensive securities firm offering stock, bond, and derivatives brokerage, asset management, and corporate finance services. It delivers customer-centered investment solutions through differentiated financial expertise and digital innovation. On a consolidated basis, we recorded USD 12.10 billion in assets and USD 2.18 billion in sales in 2025, sustaining solid growth while expanding our equity capital beyond USD 1.39 billion to further strengthen our financial foundation.

Our Wealth Management (WM) division provides lifecycle-based wealth management services covering tax, pension, and global asset allocation, backed by our nationwide branch network and specialized staff. In 2025, we launched the unified Hanwha Investment & Securities MTS app, consolidating our two previous mobile apps into a single platform featuring AI-based investment information, personalized services, and an intuitive UI/UX. The industry's first stock-backed loan refinancing service was introduced, alongside upgrades to our remote identity verification and MyData services. We also continue to broaden global investment access through U.S. Treasury bond brokerage, a new currency exchange platform, and extended after-market trading hours for U.S. stocks.

Our Trading division generates stable earnings through stock, bond, foreign exchange, derivatives, and market-making activities. Institutional and corporate clients at home and abroad turn to our Wholesale division for investment information and brokerage services across stocks, bonds, ETFs, and derivatives. Our IB division, meanwhile, delivers comprehensive investment banking services across real estate and infrastructure investment, corporate finance, IPOs, corporate bond issuance, and acquisition financing. In 2025, we successfully completed numerous advisory and arrangement deals in real estate and infrastructure, proving our competitiveness in acquisition financing and the public corporate bond market and broadening our stable earnings base.

Our global operations continue to gain momentum. In Indonesia, we have enhanced the local digital finance infrastructure through the launch of the Pinepick MTS and e-IPO platforms. Singapore is another key market, where we are developing our Real-World Asset (RWA) business through tokenized money market funds (MMFs) and private credit funds (PCFs). In Vietnam, we increased retail bond sales and expanded derivatives brokerage services, earning a place among the country's top 10 retail brokers in 2025, according to VietnamBiz. Strategic partnerships with companies such as Kresus and Securitize further reinforce our long-term competitiveness by drawing on their respective expertise across the digital asset value chain.

With our vision of becoming the Global No.1 RWA Hub, Hanwha Investment & Securities is advancing its digital finance ecosystem through security token offering (STO) and RWA platform development and investment in AI infrastructure. We will continue delivering differentiated financial services across every stage of our customers' lives as we grow into a global investment platform.

Finance

Hanwha Savings Bank

www.hanwhasbank.com

2025 Total Sales

73 In USD millions

2025 Total Assets

935 In USD millions

Our Expertise

Deposits, loans, and other financial products

Founded in 1997 and part of Hanwha Group since 2008, Hanwha Savings Bank is a mid-sized savings bank that has sustained steady growth on a foundation of stable financial soundness. Built on a customer-first management philosophy and systematic risk management, we safeguard our depositors' assets while offering a wide range of financial services to individual and corporate customers, establishing ourselves as a trusted financial partner. Our total assets reached USD 935 million in 2025, and we continue to strengthen our competitiveness in South Korea's savings bank industry, maintaining sound key indicators such as our BIS ratio through proactive risk management and loan portfolio restructuring.

On the deposit side, we offer a range of financial products, including savings and time deposits, and on the lending side, we provide personal finance products such as Orange Loan for salaried employees, Allowance Loan, and Boss Loan for business owners, alongside corporate finance services such as working capital and general loans for small and medium-sized enterprises. Steadily improving a loan portfolio once concentrated in real estate and preemptively resolving non-performing loans, we are raising our asset soundness while strengthening our corporate finance competitiveness to build a stable growth foundation. We are also diversifying our revenue streams and expanding a more balanced loan portfolio with a continuous stream of new household loan products.

Digital finance is central to how Hanwha Savings Bank plans to grow going forward. Our Mymo mobile financial platform delivers a one-stop experience covering everything from non-face-to-face account opening to loan applications and repayment, enhancing convenience for our customers. We continually upgrade our products and channels to expand our digital retail business, strengthening data-driven, personalized financial services to deliver a user-centered digital finance experience. By broadening digital services across both deposits and loans, we are securing new growth engines and accelerating toward our vision of becoming The Best Digital Savings Bank through customer-centered, innovative financial services.

Balanced growth across corporate finance and digital retail, built on a sound financial structure and differentiated digital competitiveness, will position Hanwha Savings Bank as a digital financial company that delivers more convenient, trusted financial services to our customers.





Launch of the Mymo app

Finance

Hanwha Life Financial Service

www.hanwhalifefs.com

2025 Total Sales

2,134 In USD millions

2025 Total Assets

1,701 In USD millions

Our Expertise

Insurance agency services (life and general insurance sales)

* The above total sales and total assets are based on consolidated financial statements.

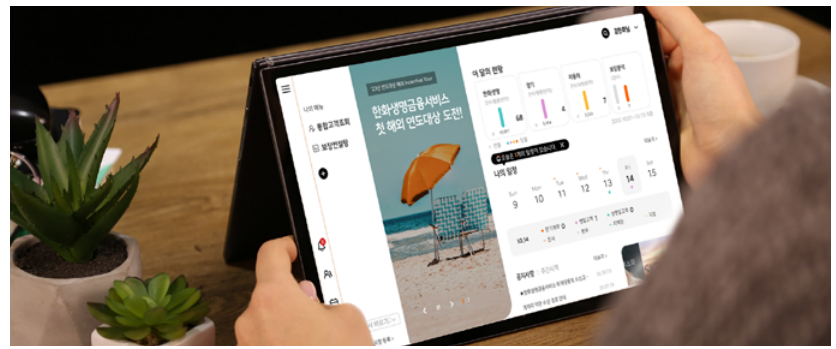
Hanwha Life Financial Service launched in 2021 as an independent insurance sales company spun off from Hanwha Life's personal sales division, providing comprehensive consulting across life and general insurance to deliver coverage and asset management solutions tailored to each stage of a customer's life. We have built South Korea's largest sales infrastructure, with four regional business divisions, 50 regional offices, and 448 branches nationwide, supported by our strategic channels and LIFEMD organization. As of 2025, we lead the domestic general agency (GA) market with roughly 26,000 financial planners and sales exceeding USD 2.13 billion. Our market competitiveness has been further strengthened by acquiring People Life and the IFC Group and forming strategic partnerships with small and mid-sized GAs.

We partner with numerous life and general insurers to compare coverage and premiums across a wide range of products, delivering customized, integrated insurance consulting for every customer. Industry-leading internal controls and consumer protection systems uphold sound sales practices, while systematic training, expert support, and our Ace Club program, which recognizes top-performing planners, help enhance the expertise of our financial planners. This competitiveness carried us to an average monthly new business performance of USD 10 million in 2025, extending our position as the leading company in the GA industry.

We are also investing continuously in digital platforms to raise both our financial planners' sales efficiency and the quality of our customer service. Our Orange Tree sales support platform and Orange Touch customer management platform, both linked to the sales systems of multiple life and general insurers, are constantly upgraded to improve planner productivity. Our data analytics and AI capabilities further strengthen personalized consulting. A single digital thread connects the entire process, from insurance consultation to contract management and customer service, applying the data we gather to sharpen our sales competitiveness on the ground. In 2025, we became the first company in the GA industry to obtain ISMS-P (Information Security Management System-Personal Information) certification, demonstrating our digital security capabilities.

Our achievements have also earned notable external recognition. In 2024, we became the first company in the GA industry to receive an A+ corporate credit rating from all three major domestic credit rating agencies (Korea Ratings, NICE Investors Service, and Korea Investors Service). In 2025, we also became the first in the industry to rank first in the insurance agency category of the National Customer Satisfaction Index (NCSI). A 2025 True Company designation, recognizing our efforts to expand employment for people with disabilities, further acknowledged our excellence in both financial soundness and social responsibility.

With a vision to be a Total Life Solution Company for our customers, we aim to grow beyond insurance into South Korea's leading insurance and financial platform. Strengthening our digital- and AI-driven innovation and customer-centered consulting capabilities, while securing top talent and expanding strategic partnerships, Hanwha Life Financial Service is building a foundation for sustainable growth and delivering comprehensive financial solutions across our customers' lives.



Hanwha Vision
Hanwha Semitech
Hanwha Momentum
Hanwha Robotics

Hanwha Hotels & Resorts
Hanwha Galleria
Hanwha Connect
OURHOME

Tech & Life Solutions

Tech & Life Solutions

Hanwha Vision

www.hanwhavision.com

2025 Total Sales

1,259 In USD millions

2025 Total Assets

1,261 In USD millions

Our Expertise

Vision intelligence solutions

* The above total sales and total assets are based on consolidated financial statements.

Learn more about Hanwha Vision in this video.

Since entering the video security business in 1990, Hanwha Vision has grown into a global vision intelligence company on the strength of world-class video processing technology and AI-based video analytics. Our intelligent video security solutions, cloud-based video security and access control services, and AI-driven industrial solutions create diverse business value that enhances safety, efficiency, and convenience.

Hanwha Vision has built a broad product portfolio of high-performance AI cameras, storage devices, and integrated management software, grounded in our proprietary optical technology, System on Chip (SoC) design capabilities, and AI video analytics. By combining cloud technology with our AIoT platform, we deliver a next-generation security environment that customers can operate and manage anytime, anywhere, supporting digital transformation across smart cities, retail, manufacturing, and logistics.

This technological competitiveness has helped Hanwha Vision expand its footprint worldwide: we rank fifth in the global video security market (excluding China), third in the U.S. market, and first domestically. Having surpassed 10 million cumulative units produced at our Vietnam manufacturing subsidiary and established a subsidiary in Mexico, we are further strengthening our global business foundation with the 2026 launch of an APAC subsidiary. In solutions such as BLAZE, our AI-based video data analytics and integration platform, and Keeper, an integrated security solution for small business owners, we are also creating growth opportunities that expand our influence.

Through annual awards and recognitions at premier security events across the United States and Europe, along with trusted certifications from leading accreditation bodies, Hanwha Vision's AI- and cloud-based solutions continue to grow increasingly competitive by the day.

Going forward, Hanwha Vision will move beyond simple video recording and monitoring to build a Proactive Vision Intelligence (PVI) technology framework that harnesses AI and data to support customer decision-making. In doing so, we will evolve into a global vision solutions company that connects a broad range of solutions and services.



Video security cameras and storage devices



BLAZE, Hanwha Vision's AI-based video data analytics and integration platform

Tech & Life Solutions

Hanwha Semitech

www.hanwhasemitech.com

2025 Total Sales

303 In USD millions

2025 Total Assets

438 In USD millions

Our Expertise

An advanced machinery specialist with portfolio spanning semiconductor equipment for deposition and packaging, SMT chip mounters, CNC automatic lathes and manufacturing automation software solutions.

Learn more about Hanwha Semitech in this video.



2nd Generation Hybrid Bonder, SHB2 Nano

Hanwha Semitech is an advanced manufacturing solutions company with a history of innovation dating back to 1989, when it became the first company in Korea to localize chip mounter technology. Over the years, the company has steadily expanded its business portfolio to include semiconductor equipment, computer numerical control (CNC) automatic lathes, and manufacturing automation software solutions.

Today, Hanwha Semitech is advancing toward its goal of becoming a global top-tier manufacturing solutions company as an "Advanced Manufacturing Solution Creator," leading the market through advanced manufacturing technologies and expertise, innovative technologies, and solutions that set it apart.

Hanwha Semitech is a comprehensive semiconductor equipment manufacturer with in-house capabilities across both front-end and back-end processes, leading the high-performance semiconductor market. In 2024, the company reinforced its technical leadership with the launch of SFM5 Expert, a TC Bonder essential for HBM manufacturing, and I2FIT, an ALD/PECVD deposition system.

Hanwha Semitech continues to demonstrate its technical leadership in Hybrid Bonders, key equipment for next-generation semiconductor packaging. Following the launch of SHB1 in 2021, the company introduced its second-generation model, SHB2 Nano, in 2026. This year, Hanwha Semitech also entered the LEO (Low Earth Orbit) aerospace market with SFM5 Square, its FOPLP semiconductor equipment for large-format substrates.

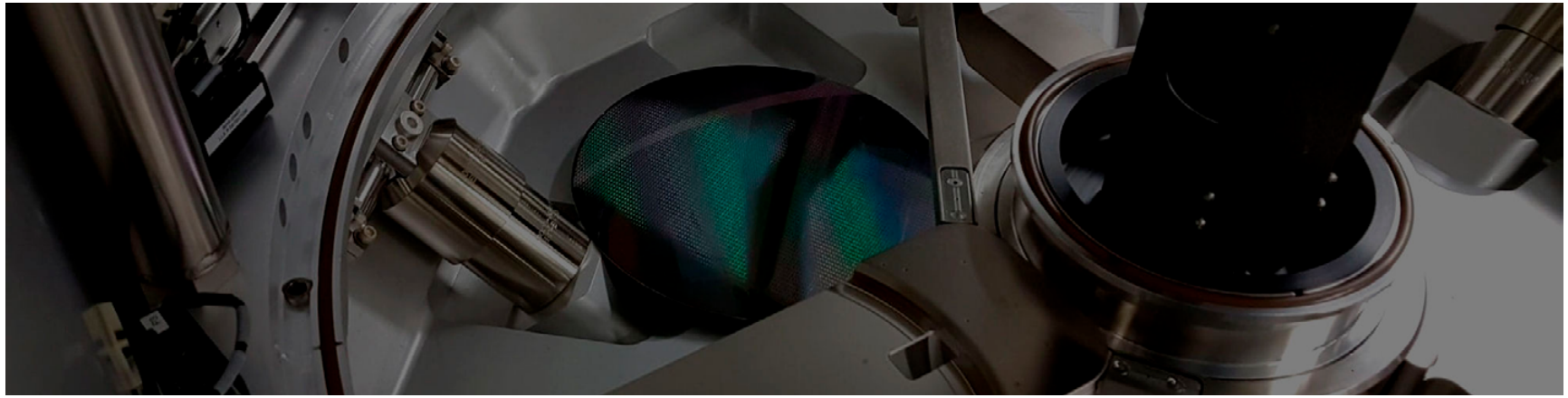
In its SMT business, Hanwha Semitech provides integrated solutions combining chip mounters powered by optical and ultra-precision control technologies with optimized software. The company holds the No. 1 position in the global mid-speed SMT mounter market and continues to expand its high-speed mounter business, strengthening partnerships with major global companies. Its software solutions support customers in their transition to smart factories, covering production planning, material management, production line monitoring, and prediction and prevention.

With nearly 50 years of technological expertise, Hanwha Semitech holds the No. 1 position in Korea's machine tool market. The company was the first in Korea to develop multi-function gang-type and turret-type CNC automatic lathes. In 2025, Hanwha Semitech expanded into the medical and dental equipment market with the launch of H-Denfit, a dental milling machine.

Hanwha Semitech operates 7 direct overseas sales locations, including in the United States, Germany, China, India, and Vietnam, supported by a distributor network spanning more than 35 countries. Through this global network, the company provides sales and technical support to customers worldwide. With its relentless drive for innovation and advanced technologies, Hanwha Semitech will continue to grow as a next-generation manufacturing solution.

Tech & Life Solutions

Hanwha Momentum



www.hanwhamomentum.com

2025 Total Sales

279 In USD millions

2025 Total Assets

430 In USD millions

Our Expertise

Rechargeable battery manufacturing equipment, display and clean logistics equipment, logistics

* The above total sales and total assets are based on consolidated financial statements.

Hanwha Momentum, established in 1953, leads the global machinery and equipment industry with rich experience and cutting–edge technology. We are an automation dedicated company, providing process equipment and engineering solutions for the secondary battery, display, and logistics automation fields. Our accumulated thermal technology, logistics capabilities, and software expertise support innovation across the global manufacturing industry. As a result, Hanwha Momentum has solidified its position as a provider of integrated engineering solutions for advanced industries at home and abroad, from process design and equipment supply through production stabilization.

Our full turnkey capabilities in secondary batteries — from materials and electrode production through assembly, formation, and module packs — are enhancing our global competitiveness and reinforcing our role as a core partner in the battery ecosystem. Drawing on our world–class unmanned battery electrode manufacturing technology and materials process engineering capabilities, we are also leading innovation in next–generation battery production technology.

In display industry equipment, we lead the global market with technology accumulated across CRT, PDP, and LCD through to OLED. Our IR Oven heat treatment equipment maintains the No. 1 global market share on the strength of differentiated technology, and we continue to lead the next–generation display equipment market by participating in the construction of OLED production lines for major customers in South Korea and abroad.

Our automation business provides total solutions spanning logistics consulting, design, construction, and operation. Using digital–twin–based autonomous manufacturing solutions and AI–driven process optimization technology, we are expanding the tire industry's full–process logistics automation and the semiconductor and display clean logistics markets.

Beyond our traditional machinery and equipment business, Hanwha Momentum's extensive experience, expertise, and technology leadership continue to create customer value across a wide range of fields. Advanced manufacturing technology and automation capabilities are accelerating the industry's digital transformation, positioning us to become a global leader in engineering solutions and process equipment.

Tech & Life Solutions

Hanwha Robotics

www.hanwharobotics.co.kr

Our Expertise

Collaborative robots, mobile robots (AGVs/AMRs), mobile manipulators, robotic systems integration (SI) and automation solutions, AI vision and robot software

Learn more about Hanwha Robotics in this video.

Launched in 2023, Hanwha Robotics specializes in robotics, having accumulated robotics and automation technology starting from AGV research in 2012 and launched South Korea's first collaborative robot, the HCR-5, in 2017. By combining in-house cobots and mobile robots with AI vision and advanced software, we deliver end-to-end automation solutions — spanning consulting, design, deployment, and ongoing operation — across diverse industries, including secondary batteries, semiconductors, shipbuilding, welding, food tech, and logistics.

In our cobot business, we continue to advance our technology while expanding our product lineup under the Hanwha Collaborative Robot (HCR) brand. Designed to safely share workspaces with humans, our cobots automate a wide range of manufacturing and service tasks, including assembly, machine tending, welding, palletizing, and picking. Hanwha cobots offer high-adaptability through an intuitive graphical user interface, allowing users to configure positions and movements without complex programming. The HCR-14 gained TÜV SÜD Cleanroom Class 1 certification in 2025, ensuring its use in extreme clean environments such as semiconductor, pharmaceutical, and biotech facilities. With high IP ratings and readiness for NRTL/CE certifications, our core models earn trust at customer sites worldwide.

Our mobile robots (AGVs/AMRs) enable automated material transport, smart storage, and 24/7 unmanned operations by utilizing highly reliable, site-tailored positioning technology. Mobile manipulators combining cobots and mobile robots in a single form factor offer flexible automation for industries requiring both mobility and manipulation, including semiconductor and general manufacturing.

Hanwha Robotics' core competitiveness derives from its holistic automation capability, integrating hardware, software, AI, and systems integration (SI) engineering. We connect our cobots, mobile robots, and mobile manipulators into a single ecosystem, combining them with AI vision and robot software to deliver one-stop services covering process analysis, layout design, safety design, MES/WMS integration, and operational optimization. Key technologies include Bin Picking, which uses AI vision to recognize randomly placed objects and calculate optimal picking positions; Visual Safety, a vision-based safety technology that enables safe collaboration between workers and robots; and Fleet Management System, which controls multiple robots in a single platform to optimize operations.

By converging cobot, mobile robot, and AI vision technologies, Hanwha Robotics is growing into an integrated automation platform company. By expanding global partnerships and advancing physical AI technology, we are expanding our presence by offering customer-tailored smart manufacturing and logistics automation solutions across global markets.



Inside Hanwha Robotics' facility

Tech & Life Solutions

Hanwha Hotels & Resorts

www.hwrc.co.kr

2025 Total Sales

1,671 In USD millions

2025 Total Assets

3,952 In USD millions

Our Expertise

Hospitality Division: Resorts, hotels, golf, leisure, F&B
Estate Division: Comprehensive real estate services

* The above total sales and total assets are based on consolidated financial statements.



Concept rendering of THE PLAZA after remodeling (Seoul, South Korea)

Since launching South Korea's first condominium business in 1979, Hanwha Hotels & Resorts has grown into a leading South Korean lifestyle company with businesses in resorts, hotels, leisure, F&B, and real estate services. We now operate a Hospitality Division built around our resort, hotel, and leisure businesses, alongside an Estate Division that handles the full scope of real estate development, operation, and management, delivering a wide range of services that enrich our customers' everyday lives, leisure, and sense of space. Specialized subsidiaries such as Aqua Planet and Hanwha Foodtech further broaden our reach, building a distinctive lifestyle platform.

Our Hospitality Division operates a diverse leisure portfolio of resorts, hotels, water parks, and golf courses at major locations nationwide, delivering a differentiated customer experience. Its brand portfolio spans THE PLAZA, a landmark hotel in central Seoul now undergoing remodeling through 2029; Geoje Belvedere, a premium marine marina resort; MATIÈ Osiria, our lifestyle brand; and Breathe Hotel Yangyang, South Korea's first hotel built around a surfing and healing concept. ANTO, a new high-end brand aimed at the premium resort market, joined the portfolio in 2025, and by July 2026 had opened Bueno Beach Club, an exotically styled pool, as part of our ongoing effort to diversify the customer experience.

We also operate golf courses in Seorak, Yongin, and Jeju, along with leisure facilities such as Aqua Planet, Seorak Waterpia, and Pororo Aqua Village, broadening the customer experience as a comprehensive leisure service company. Hanwha Foodtech, our F&B subsidiary, is expanding our premium dining experience by renewing the upper-floor restaurant at 63 Building as 63 Skyline Dining in 2026 and introducing THE PLAZA DINING, a fine dining platform in Seoul's Gwanghwamun district.

Our Estate Division sharpens its business competitiveness by providing comprehensive real estate services covering development, asset management, facility operations, and architecture and interior construction. We have grown into one of South Korea's top five real estate asset management companies, managing 185 real estate assets nationwide, including offices, IDCs, logistics warehouses, complex facilities, and research centers, while offering comprehensive construction and interior fit-out services, as well as security solutions. Our new brand, Allside, offers a more structured and integrated approach to real estate services. Participation in major mixed-use developments, including the Seoul Station and Jamsil MICE projects, is also reinforcing our position as a leading real estate services company.

Differentiated hospitality services, premium F&B content, and space development capabilities are the foundation of the lifestyle platform Hanwha Hotels & Resorts is building to add new value to our customers' everyday lives. By deepening the synergy between our Hospitality and Estate businesses, we aim to sustain this growth well into the future.

Tech & Life Solutions

Hanwha Galleria

www.hanwhagalleria.co.kr

2025 Total Sales

404 In USD millions

2025 Total Assets

1,406 In USD millions

Our Expertise

Premium department stores, fashion and F&B manufacturing and distribution

* The above total sales and total assets are based on consolidated financial statements.

Hanwha Galleria has led South Korea's luxury retail market since its founding in 1976, with a premium department store business anchored by Galleria Luxury Hall, the country's first store organized around a dedicated luxury concept. Unrivaled luxury merchandising, VIP marketing, and premium branding capabilities allow us to deliver differentiated shopping and cultural experiences, and we continue growing as a premium lifestyle company by expanding our own brand businesses across fashion and F&B. Galleria Luxury Hall leads the premium market with a curated lineup of the world's foremost luxury brands, and we are now moving ahead with a full reconstruction of the store, preparing its evolution into a world-class luxury shopping space and an innovative platform that unites shopping, culture, and dining.

Our five department stores nationwide, including Galleria Gwanggyo, Timeworld, Centercity, and Jinju, have established themselves as premium destinations that introduce new lifestyles through world-class luxury brands, distinctive dining content, and superior customer service. Galleria Gwanggyo is a one-of-a-kind cultural and shopping complex, while Galleria Timeworld in Daejeon continues to hold its standing as the region's leading department store powered by distinctive luxury offerings and VIP service. Centercity and Jinju, meanwhile, lead premium shopping culture in central South Korea and western South Gyeongsang Province, respectively.

In fashion, we are advancing our differentiated brand competitiveness as the exclusive domestic importer and distributor of American luxury daily-wear brand James Perse, alongside Italian luxury menswear brand Stefano Ricci and g.street 494 homme, one of the world's foremost menswear select shops. In F&B, our premium ice cream brand Benson has drawn strong market attention as a premium ice cream brand that highlights the natural flavor of quality ingredients. We have also built a signature brand portfolio tailored to our customers' tastes and lifestyles by directly planning and developing premium products and content, including our wine specialty platform, Vino Galleria, and Gourmet494, which pairs Galleria's curated ingredients with collaborations from acclaimed restaurants at home and abroad.

By expanding our premium fashion and F&B businesses and reinventing key commercial real estate, Hanwha Galleria is securing its future growth foundation while strengthening its luxury merchandising and VIP marketing capabilities. Moving beyond shopping to bring together culture, art, and dining, we aim to realize a distinctive luxury lifestyle platform and grow into the No. 1 Luxury Industry Leading Company, delivering the finest products, service, and new experiences to our customers.



Galleria Luxury Hall (Seoul, South Korea)

Tech & Life Solutions

Hanwha Connect

www.hanwhaconnect.co.kr

2025 Total Sales

142 In USD millions

2025 Total Assets

396 In USD millions

Our Expertise

Real estate development and commercial facility operations

Since its establishment in 1987, Hanwha Connect has built extensive expertise in developing and operating mixed-use commercial properties. This expertise is grounded in its successful track record with privately developed railway station complexes at major transportation hubs, including Seoul Station and Cheongnyangni Station. Development and operation of these complexes are managed end-to-end, from commercial environment analysis and merchandising strategy to leasing and facility management. We relaunched under the Hanwha Connect name in 2022, having previously operated as Hanwha Station Development.

Today, we successfully develop and operate privately funded station complexes at Seoul Station, in the heart of the city, and Cheongnyangni Station, a key transit hub in the northeast, leading an advanced retail and leisure culture that merges commercial complexes with private railway stations. We generate stable profits through merchandising and efficient operations tailored to the high foot traffic these station complexes attract.

The 2022 renewal of our Seoul Station location introduced a premium-concept complex space, pursuing continuous change shaped by three core values: differentiation, buzz, and premium quality. Our Cheongnyangni Station location was also transformed into a trendy, casual dining space aimed at local residents and customers in their twenties, and in 2023 Connect Terrace opened on the third floor of Seoul Station, offering a distinctive dining experience. This ongoing effort to elevate the value of our spaces allows us to offer customers a comfortable place to meet and unwind amid their busy daily lives. As a new growth engine, we are currently participating in the development of commercial complexes near the northern side of Seoul Station and around Daejeon Station.

Looking ahead, Hanwha Connect will continue expanding our business by securing additional commercial sites in central Seoul and the greater metropolitan area and identifying new opportunities that connect online and offline spaces. Our business planning capabilities in feasibility assessment and development concept design, together with our expertise in project financing, lease marketing, construction management, and operations, position us as the leading company in commercial complex development and operation. We aspire to shape the central spaces of urban life and culture by offering new experiences that connect diverse cultures and businesses.



Connect Place on the fourth floor of Seoul Station Complex (Seoul, South Korea)



Hall interior of Connect Place at Cheongnyangni Station Complex (Seoul, South Korea)

Sustainability

Sustainability Management
Environmental
Social
Governance



Hanwha's Commitment To Sustainability

Hanwha's sustainable management to build a 100-year-old company

As a responsible corporate citizen, Hanwha believes what we do today will have an impact on the world tomorrow. To help individuals, society and the planet grow sustainably, we are leading worldwide bold innovation by creating transformative solutions for economic, environmental and social issues with our businesses, technology and social choices. With a firm belief in "Going Further Together," we will create a better future for everyone by engaging in fair and ethical business practices while committing to mutually beneficial relationships with our employees, customers, business partners and communities.

Hanwha's ESG Vision and Strategy

Creating values with ESG activities

We pursue growth that creates sustainable values with our stakeholders, including customers, shareholders, business partners, employees and communities. All of us at Hanwha are working together to introduce sustainable principles and systems as we practice sound and responsible management by ushering in ESG (Environmental, Social and Governance) initiatives. Taking a step beyond corporate growth, we aim to fully internalize our ESG values, which will allow us to grow harmoniously with the environment and society, while strengthening our global competitiveness in each industry.

Key ESG Activities

ENVIRONMENTAL

Expanding Eco–Friendly Technology

- Solar, wind and hydrogen energy
- Low– and zero–carbon maritime solutions

Creating an Eco–Friendly Industrial Ecosystem

- Circular economy
- Eco–conscious product and solution development
- Coal–free financing

Improving Environmental Management

- K–RE100 and K–EV100
- Low–carbon, eco–friendly workplaces

Advocating Eco–Friendly Values

- Climate action support
- Underwater clean–up activities
- Forest creation
- Eco–friendly learning spaces

SOCIAL

Ensuring Employee Rights and Healthy Work Environments

- Respect for human rights and diversity
- Safety and health management
- Healthy work environment and rest system
- Grievance handling and employee communication

Creating Customer Satisfaction and Mutual Trust

- Quality management and customer satisfaction
- Consumer rights and financial consumer protection
- Information security and personal data protection
- Digital accessibility and support for vulnerable groups

Supporting Business Partners' Sustainable Growth

- Joint technology development and shared performance
- Management innovation and competitiveness
- Integrated ESG and management support

Building Diverse Partnerships for Shared Growth with Communities

- Education and talent development for future generations
- Support for culture and the arts
- Community environmental improvement
- Social contribution through business and technology capabilities

GOVERNANCE

Transparent Management System

- Board independence
- Board diversity and expertise
- ESG risk oversight
- Transparent information disclosure

Shareholder–Friendly Management System

- Shareholder communications
- Shareholder participation in management
- Protection of shareholder rights
- Enhancing corporate value

Ethics and Compliance Management System

- Internalizing ethical values
- Global compliance standards
- Fair trade self–compliance
- Anti–corruption and internal control

ESG Management Governance

Strengthening ESG management

In 2021, Hanwha began establishing ESG Committees, starting with its major affiliates, and has steadily expanded their reach since — as of 2026, 14 companies now operate an ESG Committee. As the highest decision-making body overseeing ESG management activities, our ESG Committees develop ESG-centric policies and strategies as well as review our mid- to long-term goals of responding to climate change, ensuring workplace safety, fulfilling social responsibilities and increasing stakeholder engagement and governance.

In order to encourage more diverse and professional discussions about ESG, more than two-thirds or all members of each committee are outside directors. The Hanwha Group ESG Committee works to improve the ESG-management system within Hanwha Group and to support affiliate ESG-management activities by helping establish strategies for each business area, sharing information and providing professional training in ESG-related seminars and workshops.

Hanwha affiliates with ESG Committees*

Hanwha Group | Hanwha Corporation | Hanwha Solutions
Hanwha Aerospace | Hanwha Systems | Hanwha Life
Hanwha Insurance | Hanwha Investment & Securities
Hanwha Asset Management | Hanwha Energy | Hanwha Ocean
Hanwha Galleria | Hanwha Hotels & Resorts | Hanwha Vision
Hanwha Engine

* As of June 2026

ESG Management Performance

Earning Grade A ESG ratings

Built on systematic ESG management and consistent execution, Hanwha continues to earn recognition for its sustainability capabilities from leading assessment bodies at home and abroad. In the Korea ESG Standards Institute's (KCGS) 2025 ESG assessment, six listed Hanwha companies — Hanwha Corporation, Hanwha Systems, Hanwha Solutions, Hanwha Life, Hanwha Insurance and Hanwha Investment & Securities — earned an overall Grade A rating. Hanwha Life has held its Grade A rating for six consecutive years, while Hanwha Insurance and Hanwha Systems have maintained theirs for five consecutive years.

Hanwha is also extending its track record in global ESG and CDP (Carbon Disclosure Project) assessments. At the 2025 CDP Korea Awards, Hanwha Corporation was named to the Carbon Management Sector Honors in the industrial sector for the third consecutive year and earned CDP's top rating, Leadership A, in its climate change response assessment for the second year running. Hanwha Systems achieved the highest 'AAA' rating in the 2025 MSCI ESG assessment and was included in S&P Global's Dow Jones Best-in-Class Korea (DJ BIC Korea) Index for the second consecutive year. It also became the first South Korean defense company to join the Dow Jones Best-in-Class Asia Pacific (DJ BIC Asia-Pacific), earning recognition for its ESG competitiveness and sustainability capabilities at a global standard.

ENVIRONMENTAL

We drive environmental change for a sustainable future

With experience built across manufacturing, finance, tech and life solutions, Hanwha is confronting today's environmental challenges and shaping a sustainable path forward. Our strategy centers on eco-friendly, low-carbon technologies and an industrial ecosystem rooted in the circular economy, narrowing our environmental footprint through the energy shift and systematic environmental management. We share the technologies and experience we gain along the way with society, and will continue to spread eco-friendly values so that more people can join this environmental transformation.

Expanding Eco-Friendly Technology

From solar, wind and hydrogen energy to energy storage systems (ESS), low-carbon power generation, and zero-carbon maritime technologies, Hanwha is leading the global energy transition, powered by its advanced technology and production capacity. We are extending our solutions beyond energy production to storage, supply and utilization, and will continue to advance as a total energy solutions provider that moves the world toward a sustainable future.



Creating an Eco-Friendly Industrial Ecosystem

Hanwha is driving a sustainable transformation across industry through eco-friendly products, low-carbon materials and resource circulation technologies. At every stage — from sourcing raw materials to production, use and recycling — we aim to reduce our impact on the environment and build an eco-friendly industrial ecosystem in which companies, partners and customers all take part. In the financial sector, Hanwha is scaling up coal-free financing and eco-friendly investment to support industry's transition to a low-carbon economy.

Improving Environmental Management

To address climate change, Hanwha is increasing its use of low-carbon energy and curbing its environmental footprint across corporate management and business operations. Through voluntary initiatives such as RE100 and EV100, Hanwha is accelerating the shift to renewable energy and zero-emission vehicles, while strengthening low-carbon, eco-friendly management on multiple fronts — expanding solar power generation at our business sites and building a closed loop for solar panel recycling.

Advocating Eco-Friendly Values

Hanwha shares its world-class solar technology and expertise with society, advocating eco-friendly values so that more people can join the shift toward a sustainable future. In campaigns that put solar power to work for people and the planet, we draw citizens and communities into active participation in addressing climate change and protecting the environment. We aim to carry this commitment forward to future generations, contributing to a sustainable planet for all.

SOCIAL

We build momentum for shared growth

At Hanwha, our employees, business partners, customers and communities are core stakeholders with whom we build sustainable value together. Respecting the human rights and diversity of our employees, we foster a safe, healthy work environment while pursuing shared growth through cooperation with our business partners. For our customers, we create value that delivers satisfaction and inspires trust, and we draw on Hanwha's business and technology capabilities to nurture future generations and take part in solving a wide range of community challenges, driving positive change. Going forward, we will continue to share value with all our stakeholders and expand an ecosystem of shared growth where everyone thrives together.

Talent Management

Our creative, passionate talent is both the foundation of Hanwha's growth and the engine behind our continued success. Through fair personnel and development programs, we help our employees grow into global talent shaped by our core values of challenge, dedication and integrity, and we work to ensure they can grow together within a flexible, safe work environment that respects human rights and diversity.



Shared Growth Management

Hanwha treats its business partners as family and companions with whom we build business results and the future together. Grounded in fair trading practices and mutual trust, we support our partners' competitiveness and stability in management while extending our commitment to their employees' human rights and working conditions. Together, we are building a sustainable ecosystem that spreads ESG and safety and health values across the entire supply chain.

Customer-Centered Management

Our customers are the biggest reason Hanwha exists and grows. From product and service planning through production, sales and after-sales care, we work to raise quality and customer satisfaction while safeguarding consumer rights and information. Everyone — including underserved financial customers — should be able to use our services with ease, so we continue to strengthen accessibility across our offerings, as we strive to become a company trusted for the long term.

Social Contribution

In keeping with our founding philosophy that business should foster social growth and prosperity and the Hanwha spirit of trust and loyalty, we engage closely with the communities where we operate to build trust and create shared value. Guided by our "Going Further, Together" social contribution philosophy, we strive to fulfill our responsibilities as a global corporate citizen. Leveraging our core capabilities, technology and resources, we support the potential of future generations and share the inspiration of culture and the arts, through social contribution activities in which our employees take an active part.

GOVERNANCE

We pursue systemic procedural fairness

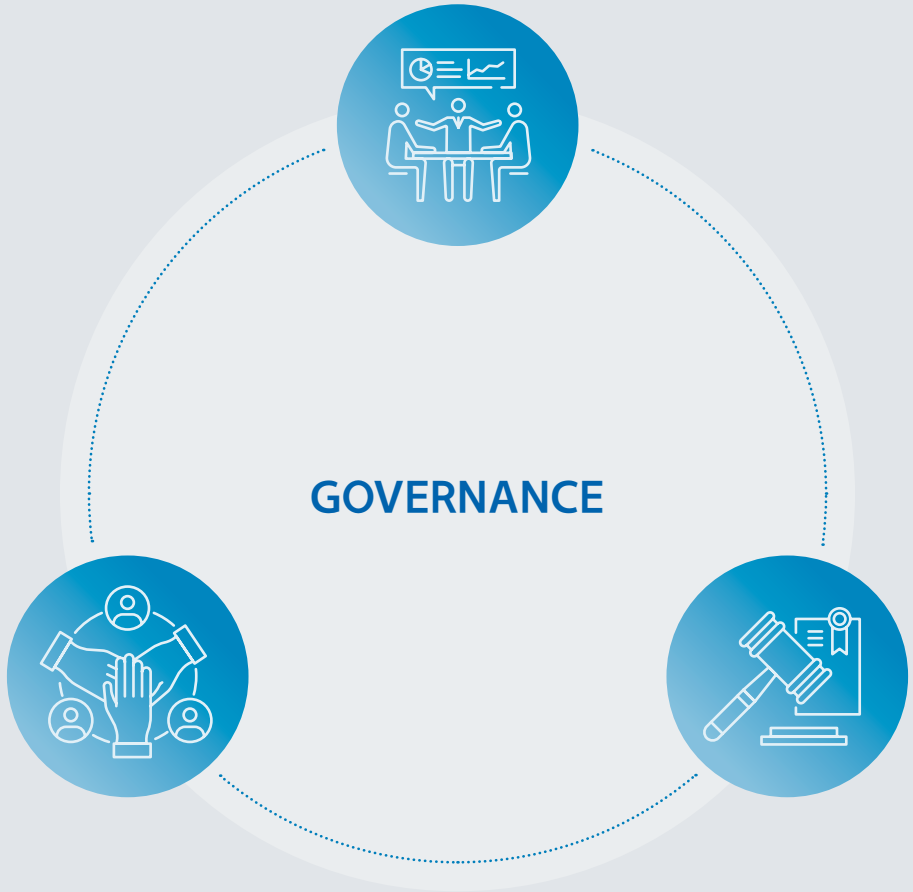
Hanwha believes that governance is the driving force for ESG practices, and we are building a system to ensure procedural fairness for sound governance. Anchored by a Board of Directors that combines independence, diversity and expertise, we manage ESG risk responsibly and disclose management information with transparency, while working with shareholders through active communication and engagement to advance both their rights and our corporate value together. Alongside this, we are internalizing ethical standards and global compliance principles throughout our management and strengthening our systems for fair trade, anti–corruption and internal control to build a fair, transparent corporate culture.

Transparent Management

Transparent management begins with the independence and expertise of the Board of Directors, our highest decision-making body. Hanwha organizes its boards around outside directors with diverse experience and expertise suited to each business, pursuing sound decision-making. We also responsibly oversee major management risks, including ESG, and build stakeholder trust by transparently disclosing relevant information and operating principles.

Shareholder-Friendly Management

Active communication with shareholders and the protection of their rights are the foundation of a company's financial and social sustainability. Hanwha transparently discloses its management status and performance through a range of channels and actively listens to shareholder feedback. In parallel, we are expanding convenient ways to exercise voting rights and participate in management, jointly charting our direction for growth with shareholders and building sustainable corporate value.



Ethics & Compliance Management

Ethics and compliance management means practicing both ethics — the moral principles we hold ourselves to — and compliance — the honest observance of society's rules. Working through our Compliance Committee and dedicated compliance organizations at each affiliate, Hanwha is internalizing ethical awareness and strengthening our systems for fair trade, anti-corruption and internal control. At the same time, we are expanding our international certifications to practice ethics and compliance management according to global standards.



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Published by Hanwha Communications Committee