

Hanwha Snapshot 2025



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Hanwha Today

Hanwha is South Korea’s seventh-largest business group, with innovative businesses in the areas of energy & ocean solutions, aerospace & mechatronics, finance, and retail & services.

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.

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Total Sales
As of 2024

64.1B USD

Business Enterprise in South Korea
Total asset basis, as of end of 2024

Top 7

Years of History
Founded in 1952

73

Global Networks
As of end of 2024

821

Ranking on *Fortune* Global 500® in 2024

372

One of the TIME 100 Most Influential Companies In 2024



Financial Highlights

Total Sales

64.1 USD

Total Stockholder Equity

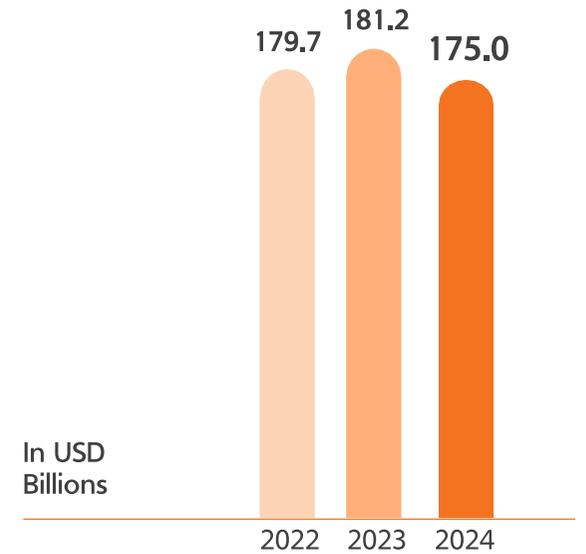
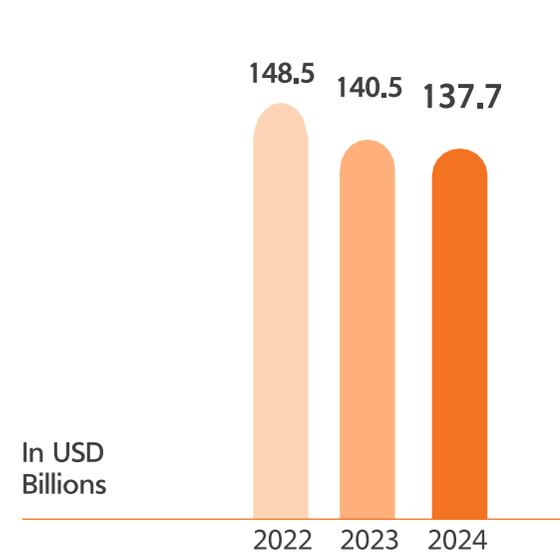
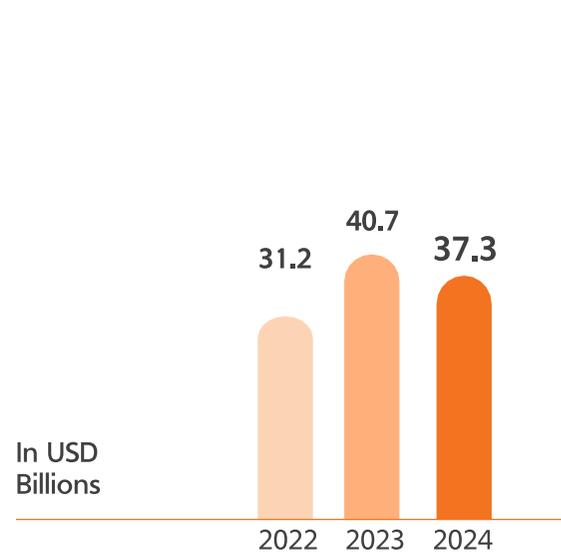
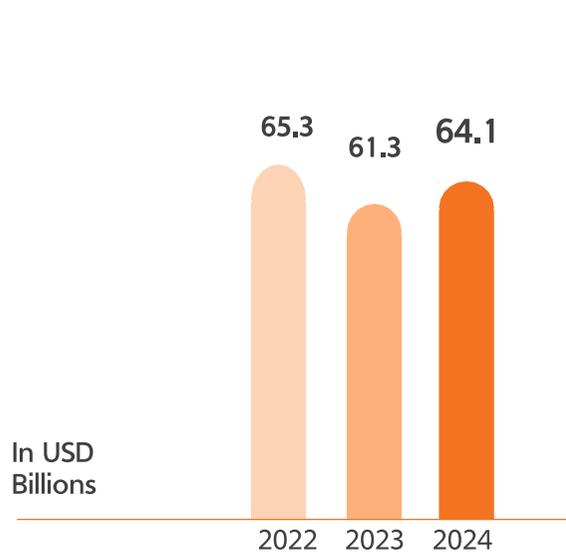
37.3 USD

Total Liabilities

137.7 USD

Total Assets

175.0 USD



• The financial data in the financial highlights shows the simple aggregate of sales, total assets, total liabilities, and total stockholder equity among Hanwha Group's major affiliates. (Source: Hanwha Group)

Hanwha's Businesses

ENERGY & OCEAN SOLUTIONS



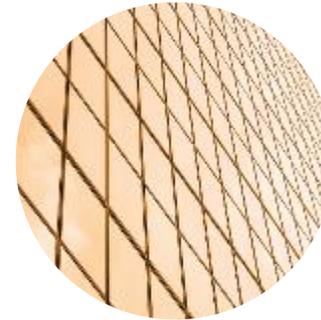
Solar
Wind
Hydrogen
Marine Solutions
Bridge Solutions
Materials

AEROSPACE & MECHATRONICS



Space
Aviation
Defense
Security
Mechatronics

FINANCE



Insurance Services
Digital Finance

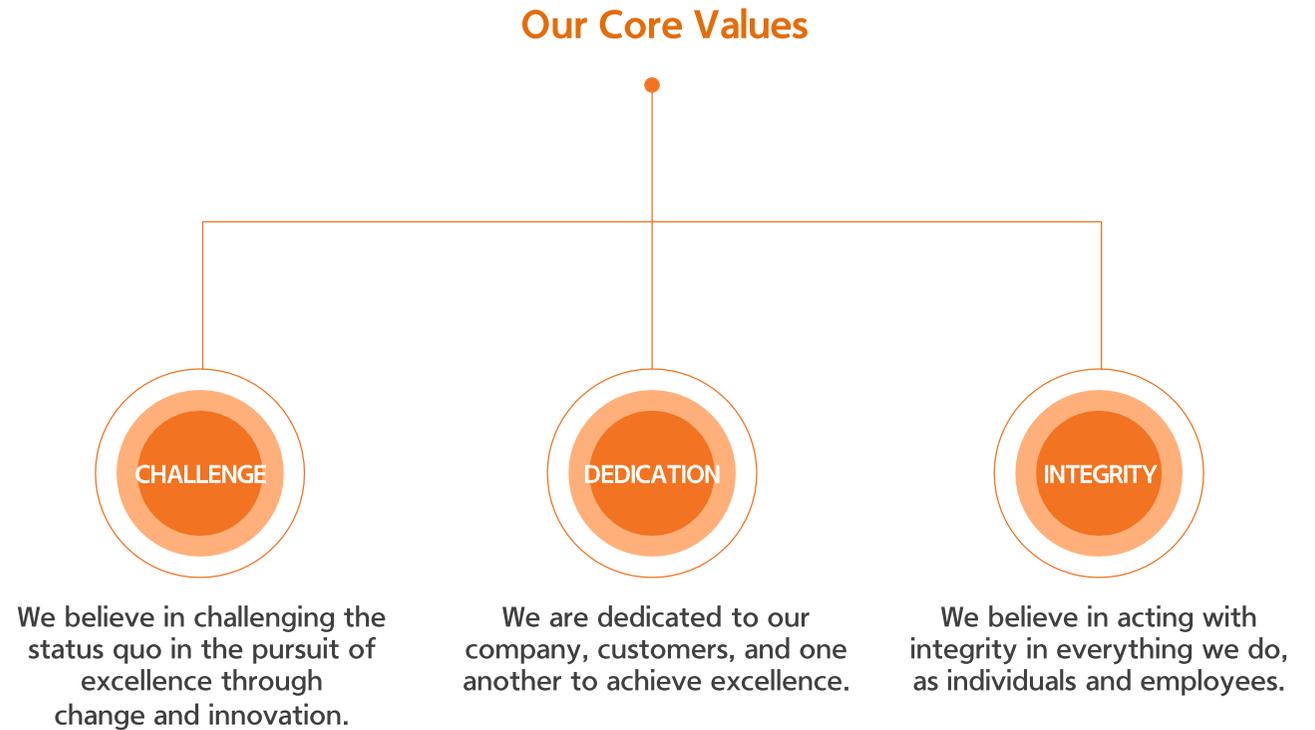
RETAIL & SERVICES



Construction
Premium Retail
Hospitality
Culture & Lifestyle

Hanwha's 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.



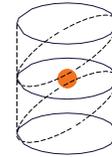
Brand Vision

You can't change the world without challenging the status quo. For more than 70 years, Hanwha has used its spirit of bold innovation to forge new paths to growth while creating new solutions to the world's most pressing challenges. Our brand values of sustainable and inclusive growth, technology and solution-driven innovation, and enhancing lives are what come together to drive our brand purpose.

Brand Purpose

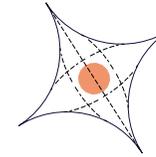
A relentless commitment to sustainability drives our **bold innovation**, allowing us to create **transformative solutions** for individuals, society, and the planet.

Brand Values



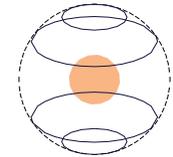
Sustainable and Inclusive Growth

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.

Milestones



Laying a Foundation After the Korean War

1952 – 1963
 Locally produced industrial explosives and contributed to South Korea's post-war reconstruction

Expanding Our Mission

1964 – 1980
 Aggressively invested in key industries and contributed to the acceleration of South Korea's modernization

Exploring New Opportunities

1981 – 1995
 Entered the services & leisure industry while diversifying our business portfolio

Building Momentum

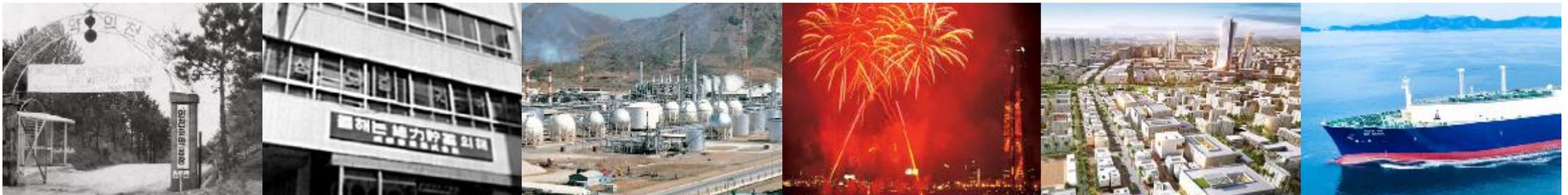
1996 – 2006
 Sought new opportunities and acquisitions to build momentum and boost growth

Going Global

2007 – 2014
 Expanded global business

Discovering New Growth Drivers

2015 – Present
 Transforming our global business model to center on sustainability



Business Highlights

For more than 70 years, Hanwha has led economic growth and helped change the world with ceaseless innovation, building on our achievements in areas including energy & ocean solutions, aerospace & mechatronics, finance, and retail & services.

Going forward, we will continue to embrace bold challenges that offer people more prosperous lives, secure communities, and a sustainable future for the planet.

ENERGY & OCEAN SOLUTIONS

An integrated solutions partner for the energy transition

Hanwha Solutions

Hanwha Ocean

Hanwha Energy

Hanwha Impact

Hanwha Power Systems

Hanwha TotalEnergies Petrochemical

Hanwha Engine

Hanwha Advanced Materials

YEOCHUN NCC

ENERGY & OCEAN SOLUTIONS

An integrated solutions partner for the energy transition

Hanwha is leading the global energy transition by providing sustainable solutions for the production and use of energy and materials.

Our diversified portfolio includes solar, wind, hydrogen, LNG, and ammonia — as well as advanced technological solutions such as virtual power plants (VPPs) and AI-based energy management systems. We are also enhancing smart ship solutions and developing zero-emission gas carriers. Furthermore, we are investing in the research and development of high value-added materials to support the development of sustainable infrastructure.

SOLAR ENERGY

Comprehensive solar energy solutions provider

Hanwha is providing comprehensive energy solutions that span the production of solar cells, modules, and energy storage systems (ESS), as well as the development, construction, and operation of power plants. By diversifying our business models and developing technology for the future, we will play a substantive role in creating a lower-emission, more resilient future.

- Reached a major milestone with next-generation perovskite-based tandem solar cell achieving the world's highest power conversion efficiency on a commercially viable full-area cell format
- No. 1 market share in the U.S. residential solar market (Wood Mackenzie, US Distributed Solar Leaderboard, Q2 2025)
- Launched Solar Hub, North America's first and largest solar manufacturing facility. The facility began mass production of solar modules in 2024 and expanded production to ingots, wafers, and cells in 2025
- Partnered with industry leaders like Microsoft and Meta
- Signed a large-scale solar module and engineering, procurement, and construction (EPC) contract with Microsoft



Qcells Division's Dalton factory in Georgia, U.S.

SOLAR ENERGY

Expanding green infrastructure to wind energy

Hanwha is strengthening its energy infrastructure competitiveness to spearhead the energy transition, establishing our presence in the wind power business both domestically and internationally. Based on our longstanding experience in engineering, procurement, and construction (EPC), we are expanding our onshore and offshore wind power project portfolio to oversee development, operation, and investment.

- Completed 76 MW Yeongyang and 25 MW Jeju Sumang wind farms, with 90 MW Yangyang Suri wind farm in development
- Overseeing the development of 390 MW Shinan Ui offshore wind power project
- Constructing and developing a wind farm of over 500 MW in France that lays the groundwork for accelerated expansion into the European market



Jeju Sumang Wind Power Complex

HYDROGEN ENERGY

Hydrogen energy progress

Due to hydrogen's potential as a key energy source, we are investing in the development of technology and infrastructure across the entire value chain, from production and storage to transportation, power generation, and utilization.

-
- Expanding hydrogen-based power generation capabilities by developing ammonia cracking technology, operating commercial fuel cell power plants, and securing core technologies
 - Utilizing hydrogen infrastructure by developing fuel cells for ships and submarines, as well as marine hydrogen transport technologies
 - Laying the foundation for a long-term hydrogen supply chain in collaboration with global partners



OCEAN SOLUTIONS

Pioneering the development of sustainable marine infrastructure and ecosystems

By bringing together Hanwha Group's collective capabilities, we are driving maritime decarbonization and the energy transition with eco-friendly ship technologies and marine energy solutions. We are steadily expanding our capabilities across marine energy production, storage, and transport.

- No. 1 global LNG carrier market share (Clarkson Research, June 2025)
- Secured eco-friendly ship technologies such as smart ships, dual-fuel engines
- Offering low-carbon solutions like offshore carbon capture and storage (OCCS) technology and rotor sails, and developing carbon-free ship solutions powered by ammonia gas turbines, with commercialization targeted for 2028
- Launched Hanwha Offshore Singapore which is advancing engineering, procurement, construction, installation, and operation (EPCIO) solutions
- Proven track record, having delivered the world's first floating liquefied natural gas (FLNG) platform



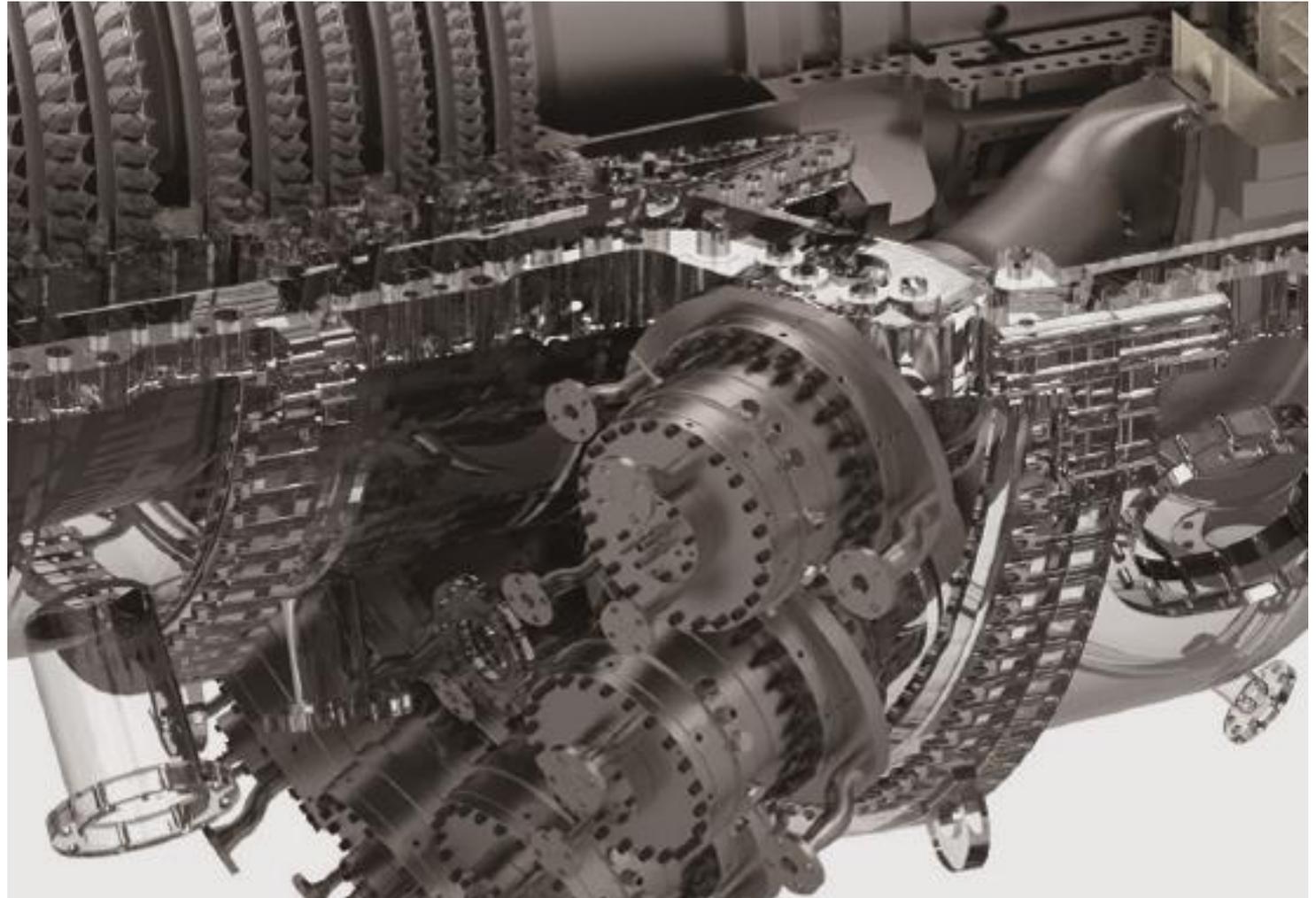
Floating liquefied natural gas (FLNG) platform

BRIDGE SOLUTIONS

Building the bridge to a carbon-neutral future

Hanwha is supporting the global energy transition through bridge solutions centered on LNG and hydrogen co-firing technology. In the long term, we aim to integrate the value chains of LNG, hydrogen, and ammonia to establish a robust foundation for future energy systems.

- Operating power plants domestically and internationally and securing a sustainable LNG supply chain to enhance energy security
- Expanding low-carbon LNG supply capacity by introducing eco-friendly carriers and implementing GHG reduction technologies
- Successfully demonstrated the world's first 60% hydrogen co-firing rate in 80 MW or larger gas turbines, as well as complete hydrogen combustion
- Pursuing R&D toward 100% hydrogen-fueled, carbon-free power generation



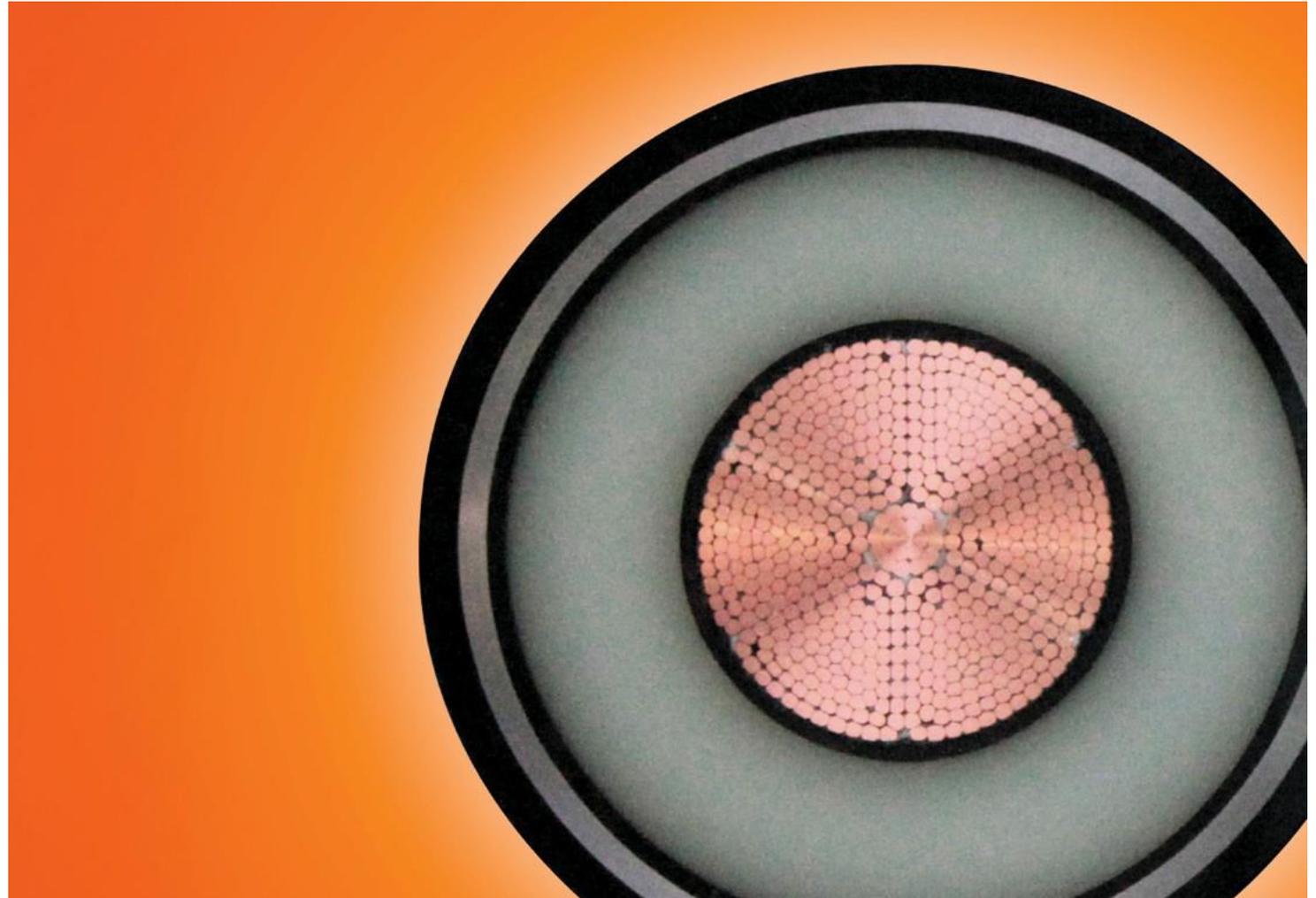
Gas turbine for hydrogen combustion (501F_PSM)

FUTURE-READY MATERIALS

Bolstering eco-friendly energy and core materials

Hanwha is promoting future business in fine chemicals and inorganic chemistry by upgrading its existing business models and building on its fundamentals. We are strengthening our competitiveness in the core industrial materials sector through strategic investments and localized production of high value-added materials.

- Localized high performance optical (XDI) materials, core components for extra-high voltage cable (XLPE) materials, and semiconductive materials
- Supplied high value-added materials for semiconductor and secondary battery processes
- Expanding business into the core industrial materials sector through REC Silicon, which operates a specialty gas production facility in the U.S.



Extra-high voltage cable materials

ECO-FRIENDLY MATERIALS

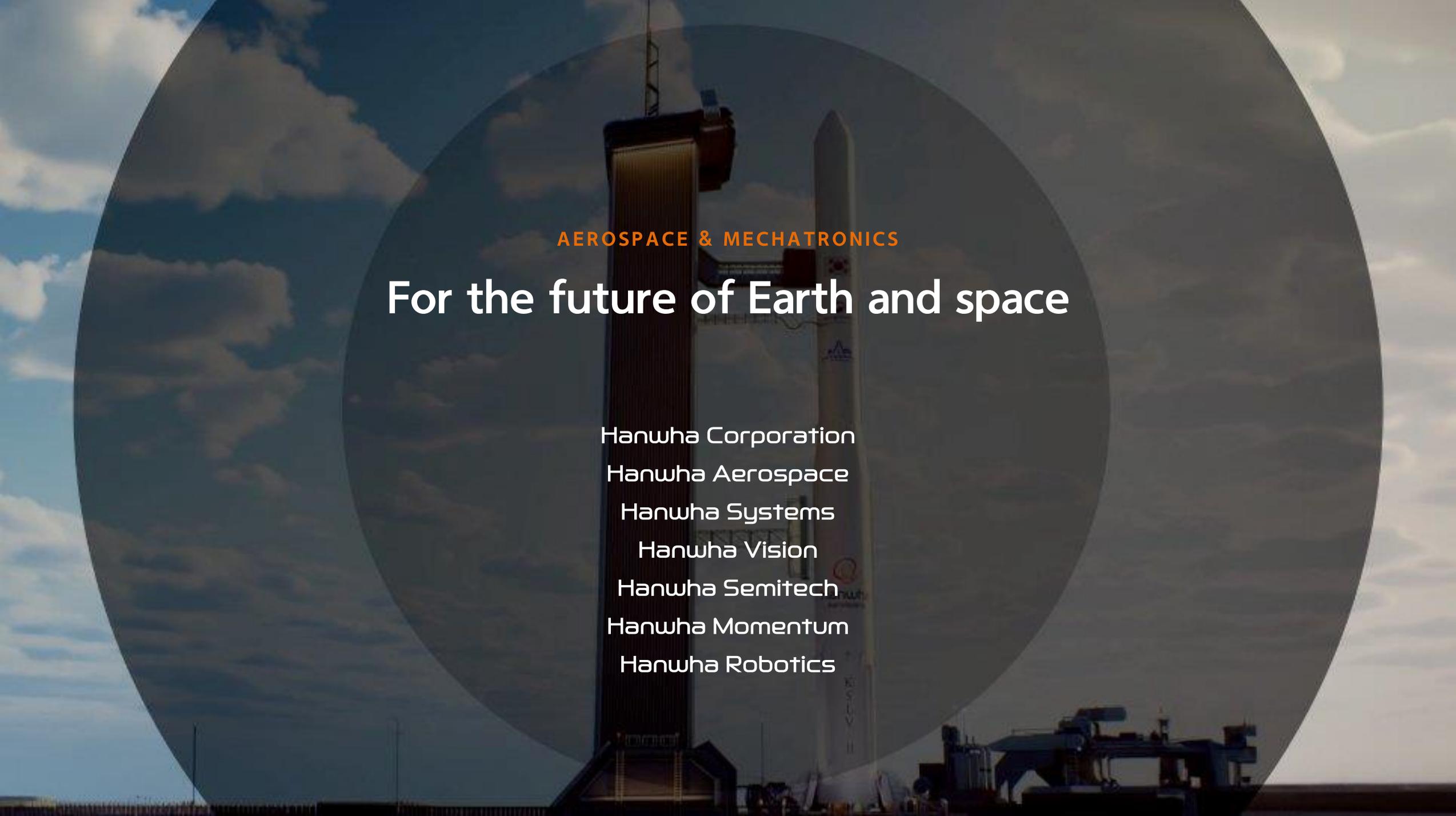
Solutions for business, people, and the environment

Hanwha is creating and adopting an eco-friendly global circular economy facilitating efficient and sustainable use of resources. We are working to secure certifications for key products in alignment with low-carbon policies in major markets such as the U.S. and the EU.

-
- Successfully commercialized Eco-DEHCH, a premium, phthalate-free plasticizer
 - Developed eco-friendly materials, including plastic recycling technologies and bio-attributed PVC
 - Obtained International Sustainability & Carbon Certification (ISCC) PLUS recognition for ten products, including EVA, PVC, caustic soda (NaOH) and chlorine (Cl₂)



Eco-DEHCH



AEROSPACE & MECHATRONICS

For the future of Earth and space

Hanwha Corporation

Hanwha Aerospace

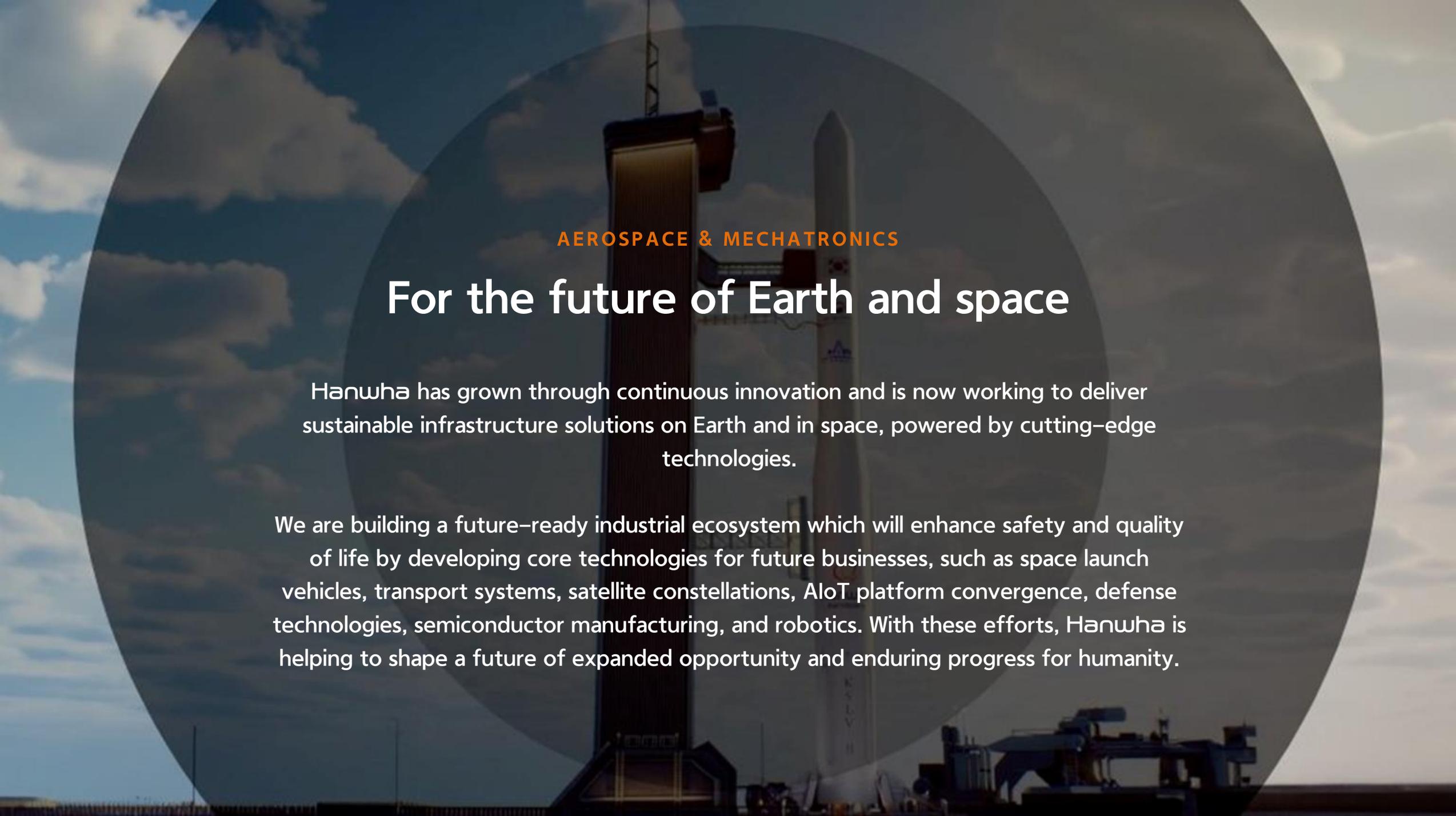
Hanwha Systems

Hanwha Vision

Hanwha Semitech

Hanwha Momentum

Hanwha Robotics

A large rocket is positioned on a launch pad, viewed through a large, semi-transparent circular graphic that frames the central text. The background shows a clear blue sky with some light clouds. The rocket is white with a dark nose cone and is mounted on a tall, dark launch structure. The overall scene is brightly lit, suggesting a clear day.

AEROSPACE & MECHATRONICS

For the future of Earth and space

Hanwha has grown through continuous innovation and is now working to deliver sustainable infrastructure solutions on Earth and in space, powered by cutting-edge technologies.

We are building a future-ready industrial ecosystem which will enhance safety and quality of life by developing core technologies for future businesses, such as space launch vehicles, transport systems, satellite constellations, AIoT platform convergence, defense technologies, semiconductor manufacturing, and robotics. With these efforts, Hanwha is helping to shape a future of expanded opportunity and enduring progress for humanity.

SPACE

Ready for liftoff in the space age

Hanwha is developing source technologies for the future, including space-launch vehicles, Earth observation systems, and satellite-based communications. We will continue to lead the space economic ecosystem with technologies that enhance accessibility to space infrastructure and the utilization of outer space.

-
- Launched the Space Hub in 2021 to consolidate space-related capabilities across the Group
 - KSLV program: Successful third launch in 2023; fourth launch planned for 2025 in partnership with the Korea Aerospace Research Institute (KARI)
 - Serving as system integrator for KSLV-III, involved in all phases from design to launch



The successful launch of Nuri, KSLV-III (Source: KARI)

AIRCRAFT ENGINES

A trusted partner in the global aviation industry

Hanwha is advancing beyond component-level production to become a total solutions partner across the full lifecycle of aerospace systems — from design and development to mass production and sustainment — shaping the future of South Korea's aviation industry.

- South Korea's only aircraft engine producer and key partner of top global aviation engine companies including GE, Pratt & Whitney, and Rolls-Royce
- Produced more than 10,000 engines over 45 years for fighter jets, helicopters, naval vessels, and guided weapons
- Contract by South Korea's Defense Acquisition Program Administration (DAPA) to supply aircraft engines for the initial mass production of the KF-21 fighter jet
- Expanding into future-focused aerospace domains, including unmanned aerial vehicle (UAV) systems and engines for unmanned platforms



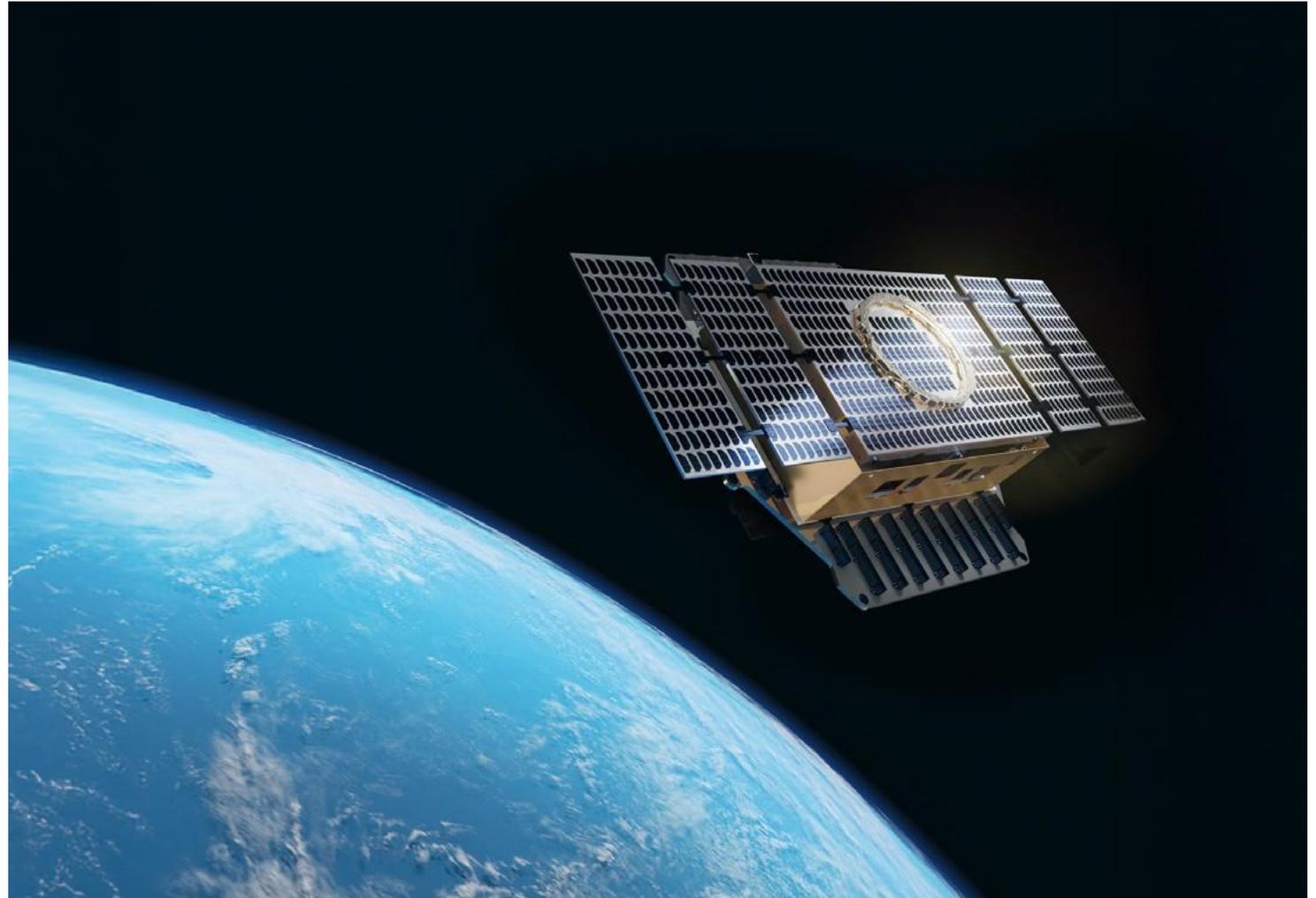
Engine for KF-21 Boramae, South Korea's next-generation fighter jet

EARTH OBSERVATION

End-to-end global solutions, from satellite development and manufacture to operations

Through Earth observation satellites, we capture ultra-high resolution image data. By integrating this data with artificial intelligence (AI) technology, Hanwha seeks to provide insights for a wide range of sectors, including defense, weather and disaster monitoring, land management, and the maritime industry.

- First in South Korea to independently develop a synthetic aperture radar (SAR) payload and integrate it into a satellite
- Launched and began operating Durisat in 2023, the nation's first civilian small SAR satellite
- Advancing hyperspectral microsatellite technologies to monitor atmospheric greenhouse gas emissions
- Satrec Initiative launched SpaceEye-T, a proprietary electro-optical (EO) satellite with ultra-high 0.25-meter resolution



Hanwha Systems' small synthetic aperture radar (SAR) satellite at launch

PLATFORM VALUE-UP DEFENSE SOLUTIONS

Building a safer world through hyper-connected, hyper-intelligent and hyper-convergent technologies

Hanwha provides unparalleled smart technologies powered by the synergy between advanced defense electronics and future-ready ICT technologies. Through advanced solutions and platform technologies, we are leading the global market.

- Providing advanced defense solutions in key areas such as radar, aerospace, hyperconnected communications, and integrated maritime and ground systems
- Enhancing mission performance through platform innovation and differentiated technological expertise



Multifunctional radar (MFR)

DEFENSE SOLUTIONS

Total defense solutions for land, sea, air, and space

Hanwha is helping build sustainable social and security infrastructure through advanced, future-ready defense technologies spanning land, sea, air, and space. By delivering innovative defense solutions and weapons systems tailored to all battlefield environments, we are positioning ourselves as a global leader in the defense industry.

- Hanwha holds the leading market share for the K9 self-propelled howitzer and has secured major export contracts with Poland, Romania, and India
- Expanding exports of diverse weapon systems, including the CHUNMOO multiple rocket launcher
- Developing precision-guided munitions and smart artillery to strengthen next-generation defense systems
- Acquired U.S.-based Philly Shipyard, securing a strategic foothold for entry into the U.S. naval shipbuilding market



K9 Thunder SPH artillery system

INNOVATIVE VISION SOLUTIONS

Global vision solutions provider

Hanwha delivers tailored vision solutions through precise analysis of data collected via advanced image processing. We are strengthening our AIoT platform using AI and cloud technologies as we transition toward becoming a platform-centered solutions provider.

- World-class capabilities in optical design, manufacturing, and image processing
- Advances in AI technologies integrating deep learning and business intelligence
- Serving diverse sectors including commercial, public, retail, transportation, and residential



AI-based solutions

MECHATRONICS

The future of smart manufacturing innovation: A leader in integrated automation and robotics solutions

Hanwha is leading the machinery equipment industry by supplying worldwide market-proven turnkey solutions for secondary batteries, displays, and automation. In addition, we are creating new value by developing technologies that enable seamless collaboration between humans and robots.

- Providing proven solutions from materials to module pack processes
- Leading the machinery equipment industry by focusing on heat treatment, logistics, and software capabilities
- Development and delivery of collaborative robots and autonomous mobility solutions (AGVs/AMRs), expanding into the service and food tech sectors



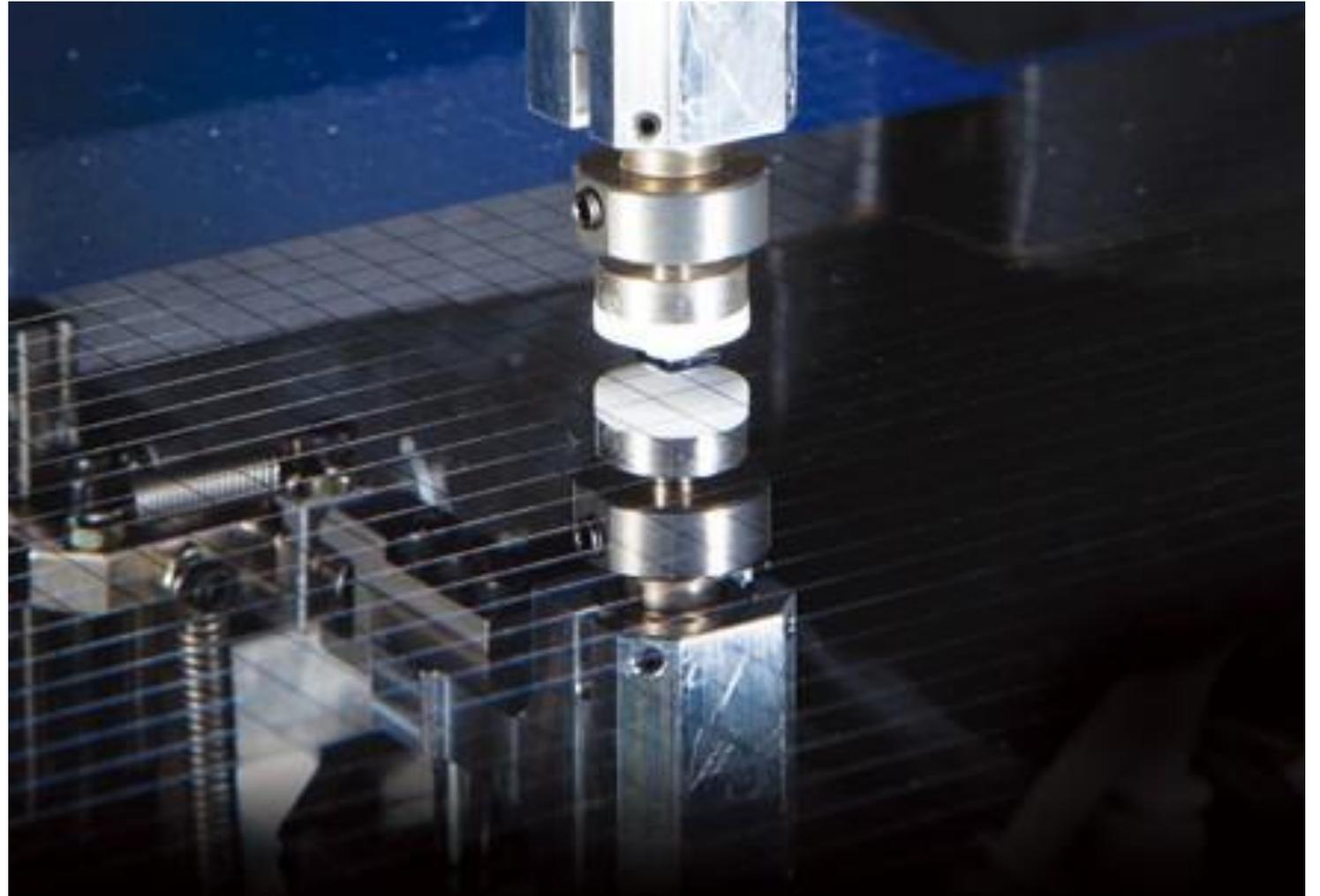
Stacker crane (SC-FSH), key equipment for the secondary battery production process

ADVANCED MANUFACTURING SOLUTIONS

Ultra-precision control technology for integrated semiconductor equipment solutions

Powered by world-class optical and high-precision control technology, Hanwha is expanding our scope from Surface Mount Technology (SMT) to the semiconductor equipment sector. As a fully integrated semiconductor equipment manufacturer equipped with both pre- and post-processing solutions, we are committed to the development and mass production of next-generation equipment.

- Expanded into the front-end semiconductor market by launching PECVD and ALD systems developed in-house
- Established a comprehensive product lineup ranging from general-purpose flip chip bonders to advanced thermo-compression bonders (TC bonders) for HBM applications



Flip-chip bonder for semiconductor back-end processing

FINANCE

A financial partner that adds value to your life

Hanwha Life

Hanwha General Insurance

Hanwha Asset Management

Hanwha Investment & Securities

Hanwha Savings Bank

Hanwha Life Financial Services

Carrot General Insurance

FINANCE

A financial partner that adds value to your life

As it advances toward becoming a globally integrated financial group, Hana is expanding its personalized, digital financial solutions to Southeast Asia and the U.S.

Hana drives innovation through innovative digital platforms and the development of new business opportunities, including individually tailored financial services such as insurance, securities, and asset management.

GLOBAL BUSINESS

A global integrated financial group: Expanding globally, focusing locally

In the U.S., Vietnam, and Indonesia, Hanwha is strategically expanding its operations by offering digital-based financial solutions tailored to local market needs.

- Expanding localized financial services in key markets such as the U.S., Singapore, and Vietnam through overseas operational hubs
- Acquired a stake in a U.S.-based securities firm, securing a strategic foothold in the world's largest financial market
- Established the Hanwha AI Center (HAC) in the U.S. to serve as a global hub for AI-powered financial innovation
- Diversifying Hanwha's global financial portfolio through acquisitions of banks, insurers, and securities firms in Indonesia



DIGITAL FINANCE

Advancements driven by the digital finance value chain

Hanwha is redefining the financial services landscape by expanding beyond traditional finance into global alternative investments and new growth opportunities. Through advanced digital finance technologies, we are enhancing asset management and delivering differentiated financial experiences.

- Operating AI-based insurance underwriting, robo-advisors, and MyData services to offer personalized digital financial solutions
- Improving financial accessibility through an integrated digital finance value chain, which includes financial planning support platforms and a fund investment platform



INSURANCE SERVICE

Seamless services for digitally savvy customers

Hanwha is establishing itself as a lifecare partner by delivering digital innovation and diversified financial solutions that support every stage of customers' lives. It is also enhancing its insurance services by proactively expanding offerings in the women's wellness sector.

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- Operates a leading life insurance business with assets totaling \$108.84 billion as of 2024
 - Expanding non-life insurance offerings that support women's wellness through tailored products and services



63 Hanwha Life Building

LIFEPLUS & GLOBAL TALENT

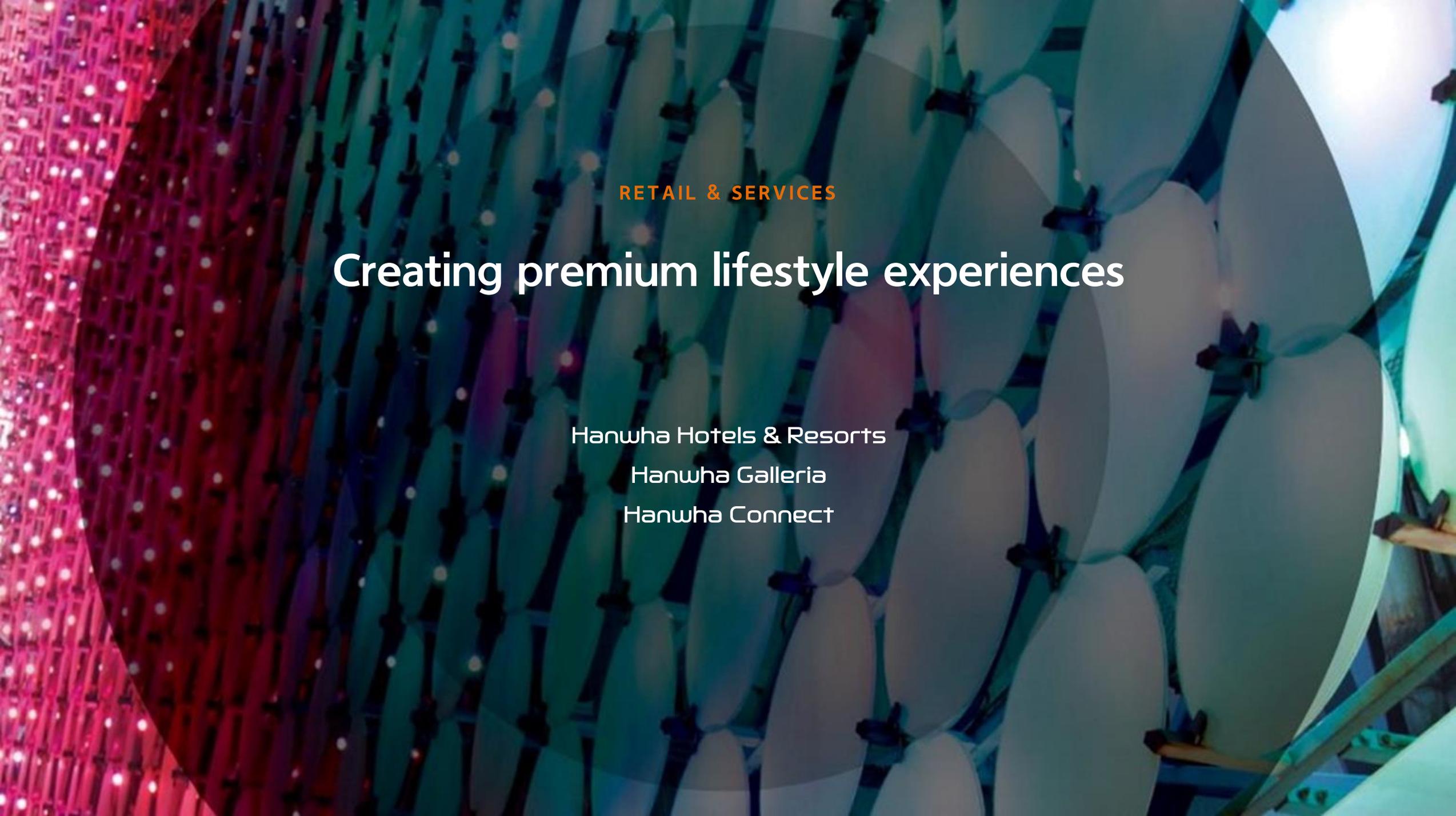
Enriching finances and services for life's journey

LIFEPLUS, the joint brand of Hənwhə's financial affiliates, is designed to enrich everyday life with unique experiences. Hənwhə is also pioneering the future of finance by nurturing next-generation global talent and supporting a healthy startup ecosystem.

- Offers diverse LIFEPLUS TRIBES content across art, sports, music, and dining
- Operates startup acceleration and youth entrepreneurship support programs
- Runs a global internship called LIFEPLUS NY, as well as global mentorship camps



LIFEPLUS X REFIK ANADOL, Machine Simulations: Life and Dreams



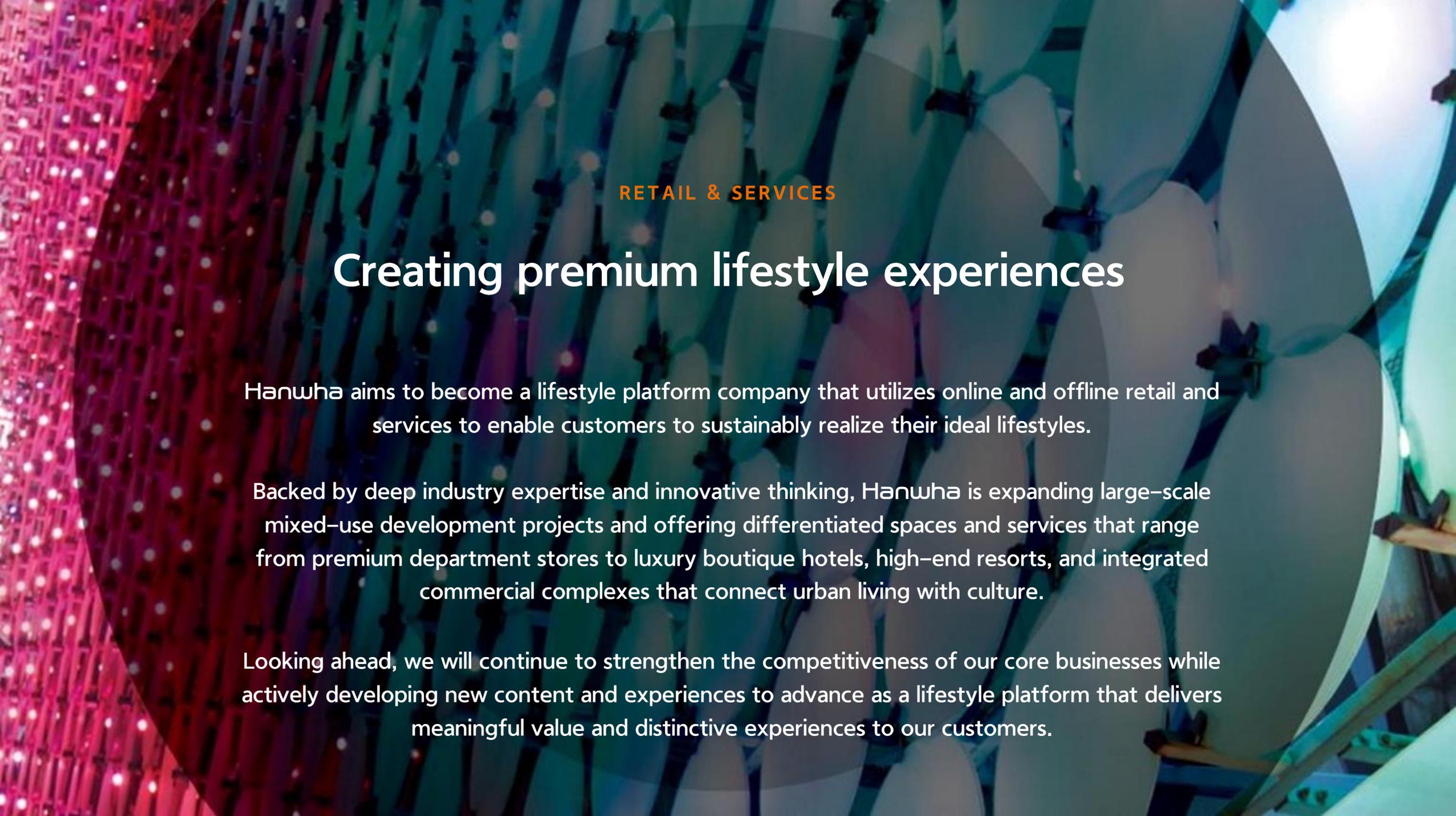
RETAIL & SERVICES

Creating premium lifestyle experiences

Hanwha Hotels & Resorts

Hanwha Galleria

Hanwha Connect



RETAIL & SERVICES

Creating premium lifestyle experiences

Hanwha aims to become a lifestyle platform company that utilizes online and offline retail and services to enable customers to sustainably realize their ideal lifestyles.

Backed by deep industry expertise and innovative thinking, Hanwha is expanding large-scale mixed-use development projects and offering differentiated spaces and services that range from premium department stores to luxury boutique hotels, high-end resorts, and integrated commercial complexes that connect urban living with culture.

Looking ahead, we will continue to strengthen the competitiveness of our core businesses while actively developing new content and experiences to advance as a lifestyle platform that delivers meaningful value and distinctive experiences to our customers.

COMPLEX DEVELOPMENT

An infrastructure developer creating new, energy-efficient urban landmarks

Hanwha is strengthening its position as a leading developer by creating multifunctional urban spaces — including residential, culture, sports, and commercial spaces — through large-scale mixed-use development projects that align with city planning regulations. Leveraging its expertise in executing complex projects, Hanwha is expanding these developments across major hubs in South Korea.

- Successfully completed major projects such as the Suwon MICE Complex and INSPIRE Entertainment Resort
- Selected as the preferred bidder for the 350,000-square-meter Jamsil Sports and MICE Complex
- Advancing mixed-use developments that encompass MICE facilities, hotels, offices, and shopping centers at key sites including Seoul Station North, Daejeon Station, and Suseo Station



Suwon MICE Multi Complex

HIGH-END LUXURY

The best in premium retail

Hanwha is driving the lifestyle market by advancing its premier department store business and developing integrated retail complexes with differentiated content. Beyond traditional retail, the company is exploring new growth drivers in fashion, F&B, and other synergistic sectors to expand its premium offerings.

- Introduced South Korea's first premier department store concept, which offers exclusive experiences through global fashion brands
- Expanding F&B content with premium offerings such as GOURMET 494, global burger brand Five Guys, and wine importer Vino Galleria
- Building a premium lifestyle platform through integrated retail complex development



Galleria Luxury Hall

LUXURY BOUTIQUE HOTEL

Stays defined by style and comfort

Hanwha's diverse hotel portfolio offers differentiated hospitality experiences, ranging from urban luxury hotels to premium resort properties and lifestyle hotels tailored to modern travelers.

- Operates THE PLAZA, a global luxury boutique hotel and the first in South Korea to join Marriott's Autograph Collection
- Manages Yeosu Belle Mer, a premium resort offering a relaxing coastal retreat
- Launched MATIE, a lifestyle hotel brand combining trendy design with digital innovation



THE PLAZA

FINE STAYS, SPECIAL DESTINATION

Perfect relaxation at premium resorts

By developing premium integrated resorts, Hanwha is expanding its business and solidifying its position as a leading leisure company in South Korea. Its luxury home and hospitality brand, MUWA, also offers a range of premium spaces and curated experiences in both urban and recreational areas.

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- Resorts and facilities such as Geoje Belvedere offer refined leisure experiences
 - MUWA NISEKO, the first property in the MUWA luxury home and hospitality collection, was launched in Hokkaido, Japan



MUWA NISEKO

LIFESTYLE CENTER

Connecting life and culture

Through its leading capabilities in developing and managing premier commercial complexes, Hanwha is creating centralized spaces that reflect modern urban lifestyles while building a shared growth model that fosters synergy with local communities.

- Developed and currently operate commercial facilities at Seoul Station and Cheongnyangni Station in Seoul
- Continue to enhance competitiveness through merchandise optimization and branch renovations
- Expanding operations to include upcoming projects in South Korea at Seoul Station North and Daejeon Station commercial districts



Cafe on the third floor at Connect Terrace, Seoul Station Complex

