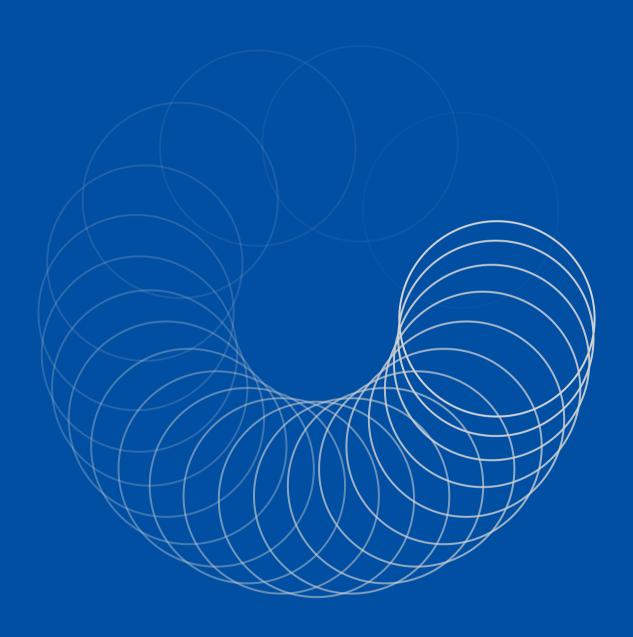
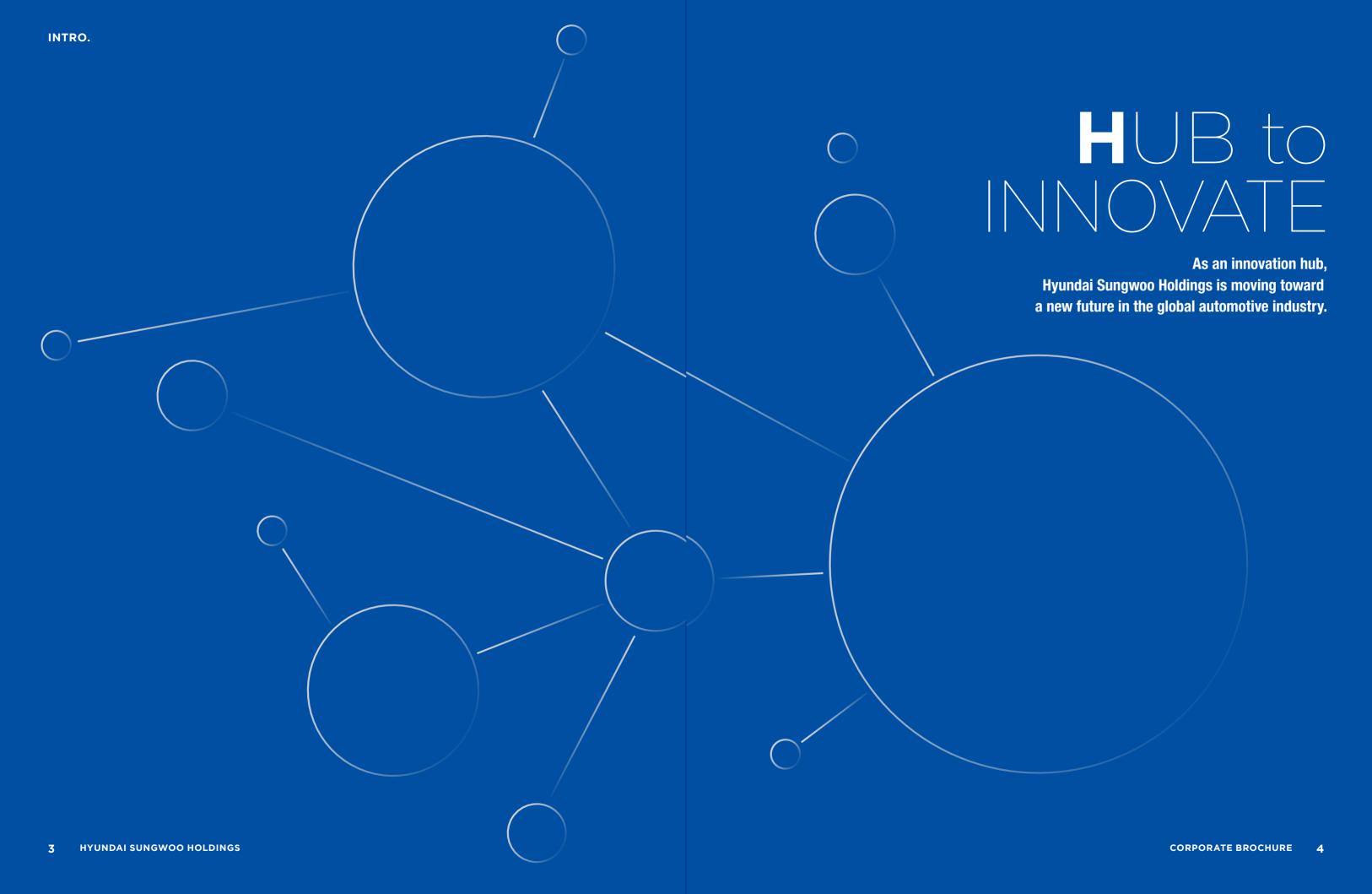
# HYUNDAI SUNGWOO HOLDINGS









# DURABLE FAITH

Committed to our promise, our iron casting business will pursue growth with the trust of our customers.

# SURENESS that MOVE

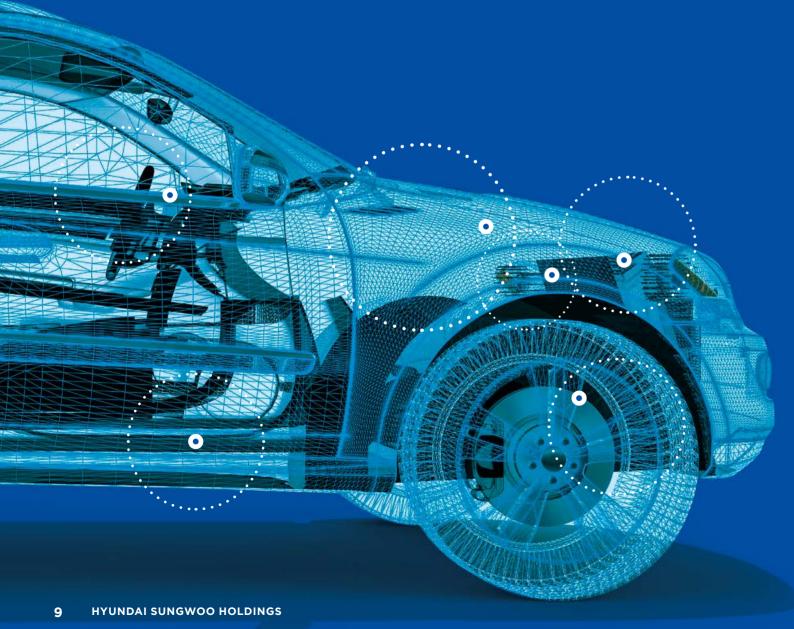
For optimum stability, our alloy wheel business will take customer experience to the next level through outstanding design and technology.

# WAY OVER the LIMIT

Surpassing challenges and limits, our battery business is constantly setting new standards in the battery industry.



# HYUNDA SUNGWOO HOLDINGS



In the face of vast changes in the automotive industry, Hyundai Sungwoo practices innovative management driving technological innovation, new material development, quality control, and process innovation.

#### **IRON CASTING BUSINESS**



#### **Automotive Parts**

Based on optimized design and innovative technologies supported by new materials and new manufacturing methods, core casting parts of automobiles such as brake systems, engines are developed and produced.



#### **Industrial Parts**

Essential parts of ship engines and rolling stocks, mainly flywheels and ring gears for ships, end caps and backing rings for rolling stocks, are manufactured whilst meeting the strictest international quality standards.

#### **ALLOY WHEEL BUSINESS**



High-strength and high-quality aluminum wheels are produced through optimum design, casting methods, unique manufacturing process and proprietary technologies.

#### **BATTERY BUSINESS**



#### **Automotive & Commercial Batteries**

Designed for optimum performance, battery with strong starting power, long lifespan, and excellent durability even under the most adverse conditions are produced.



#### Industrial & Marine/Rv Batteries

As an energy partner and energy solutions provider to marine, industrial machineries; batteries with stable power, excellent ignition ability, and extended lifespan are produced.

#### **ADVANCED MATERIAL BUSINESS**



#### Lightweight Materials Business

Expansion in business to high-performance aluminum material and lightweight material business



#### **Logistics Business**

Growth into a specialized logistics company based on expertise in operating domestic and overseas logistics services.

OVERVIEW CHAIRMAN'S MESSAGE

## **CHAIRMAN'S MESSAGE**

Committed to the fundamentals, we will continue to challenge and innovate for greater customer satisfaction.

#### Integrity is our Priority

Evolved from Seohan Precision Machine Co., Ltd, established in 1987, Hyundai Sungwoo Holdings has undergone constant development by manufacturing technology-intensive products such as casting, alloy wheel and battery essential to the automotive industry. Hyundai Sungwoo Holdings is emerging as a leading global automotive parts company through its overarching operations of casting and alloy wheel producer Hyundai Sungwoo Casting, worldwide battery maker Hyundai Sungwoo Solite, and logistics and new materials business pioneer Hyundai Sungwoo Advanced Materials.

In today's global era, Hyundai Sungwoo Holdings' overriding proposition is to 'stick with the basics'. We believe conquering challenges and delivering customer satisfaction derive from two fundamental basics - quality and trust. Hyundai Sungwoo Holdings will continue to commit to these priorities in order to maximize customer satisfaction with technologically advanced products and solidify corporate reputation as a trusted high-performance leader.

#### We Promise a Better Future

Having achieved consistent and robust growth both in manufacturing capacity as well as quality through technological advancement and sales growth since inception, Hyundai Sungwoo Holdings is preparing another leap forward for a 'better tomorrow' in today's business of mobility.

With societies on the brink of the 4th industrial revolution, change and innovation are no longer an option but a necessity. In the midst of rapidly changing paradigms, Hyundai Sungwoo Holdings aims to focus on developing cutting-edge technologies and pioneering new businesses. We will closely observe the fast-changing markets and answer customer needs to enable them not only to adapt to the rapidly changing business environment but also to lead change. Our efforts to transform ourselves to lead the future market and to infuse value into mobility lifestyle will push as forward.

#### 'We' Before 'Me' - We Believe in Growing Together

Hyundai Sungwoo Holdings fulfills social responsibilities with deep care to promote respect for humanity. As a global corporation, we pursue sustainable growth through environmentally-conscious ethical management, and win-win labor management based on cooperation. We envision growing together by creating economic and social values in connection with local communities and the nation as a whole.

It is our aim to uphold our promise for continued growth as well as to challenge ourselves as a company so that we make positive influence on our customers, businesses, local and national communities, and the global village. Thank you.

Hyundai Sungwoo Holdings Co., Ltd.

Chairman Chung, Mong Yong

## **VISION & PHILOSOPHY**

Corporate philosophy rooted in respect for humanity. Mission to satisfy the needs of customers. With our vision and philosophy, we will further enrich lives and enhance technologies.

#### MISSION - Pioneering New Technologies & New Business Opportunities

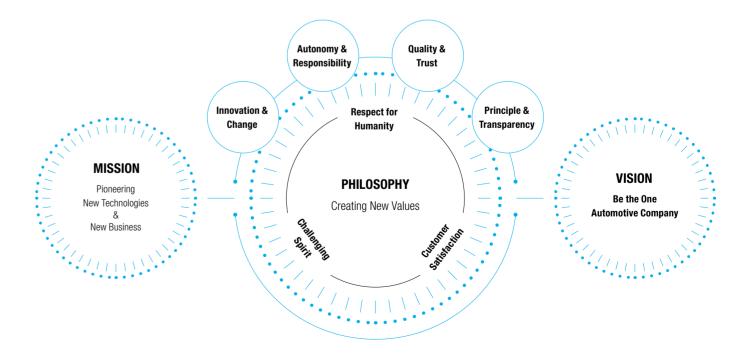
Having established a solid foundation overtime, Hyundai Sungwoo Holdings has become one of the world's leading automotive parts maker supported by its challenging spirit and respect for humanity. Beyond mere profit, we look for value in technology. It is of our utmost concern that our technology is beneficial to the lives of human-beings and that we expand our best efforts to present products and services that move the hearts of people and exceed expectations.

#### **PHILOSOPHY - Creating New Values**

Hyundai Sungwoo Holdings realizes customer satisfaction with a spirit of challenge and effective talent management. We develop innovative technologies that benefit humans and the environment alike, and through those technologies make products that create new values of happiness and prosperity. Albeit unseen, our philosophies form the solid foundation of our corporation and are infused in Hyundai Sungwoo Holding's technologies and products.

#### **VISION - Be the One Automotive Company**

Hyundai Sungwoo Holdings envisions a tomorrow of togetherness. In pursuit of customer safety and convenience, we will constantly break new grounds and become a major contributor to the world's automotive industry sector. And on our journey, we will make sure technologies become more valued, and lives become more prosperous.

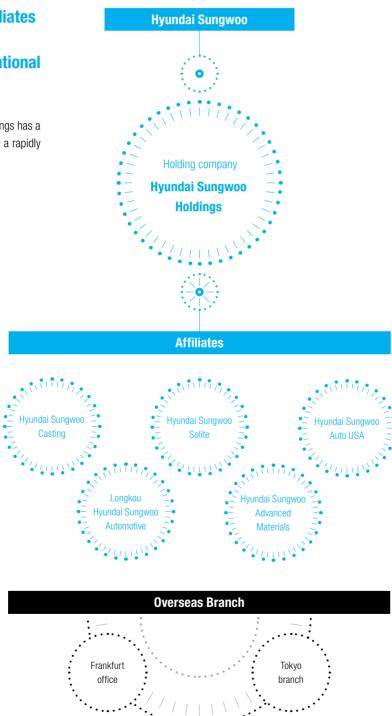


**OVERVIEW GROUP ORGANIZATION** DOMESTIC NETWORK

## **GROUP ORGANIZATION**

We maintain an organic portfolio of affiliates covering the overall global automotive industry with a highly-efficient organizational structure.

As a global automotive parts company, Hyundai Sungwoo Holdings has a flexible organizational structure fit for change and innovation in a rapidly evolving business envrionment.



## **DOMESTIC NETWORK**

Firmly rooted in the spirit of innovation and challenge, each business divisions under Hyundai Sungwoo Holdings pursue growth and expansion.

Business divisions each with its own competitiveness closely cooperate with one another for harmonious growth.



#### Hyundai Sungwoo Holdings www.hdswholdings.co.kr







## **Hyundai Sungwoo Casting**

Hyundai Sungwoo Casting Co., Ltd. 344 Chungjuhosu-ro(Yongtan-dong), Chungju-si, Chungcheongbuk-do,



#### **Hyundai Sungwoo Casting** (Casting)

Hyundai Sungwoo Casting Co., Ltd. 459 Chulgang-ro(Jangheung-dong), Nam-gu, Pohang-si, Gyeongsangbuk-do,



#### Hyundai Sungwoo Solite www.hdswsolite.co.kr



Hyundai Sungwoo Solite Co., Ltd. 200 Yongmyeonggongdan-gil, Geoncheon-eup, Gyeongju-si, Gyeongsangbuk-do, Korea

OVERVIEW GLOBAL NETWORK

## **GLOBAL NETWORK**

# Growing as a leading company that sets new global standards based on technology innovation.

The spirit of change and innovation moves Hyundai Sungwoo Holdings forward. Focusing on strengthening corporate integrity rather than external expansion, Hyundai Sungwoo Holdings is opening a new future inspired by challenges and steadfast growth experiences. With our expertise in making products in line with global standards, Hyundai Sungwoo Holdings is continuously strengthening its brand power. Moreover, Hyundai Sungwoo Holdings is delivering its technologies and competitiveness to major overseas automakers through global branches.

Global Branch

Global Exports

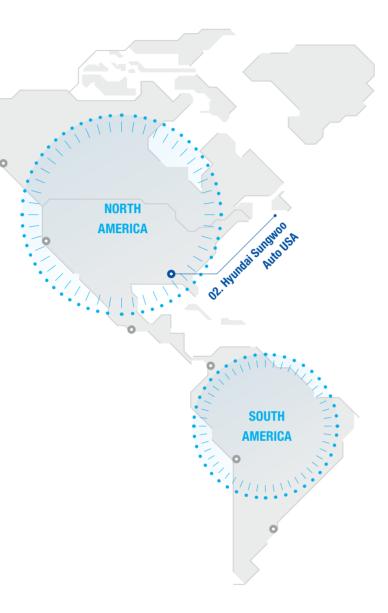
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Global Partners

54

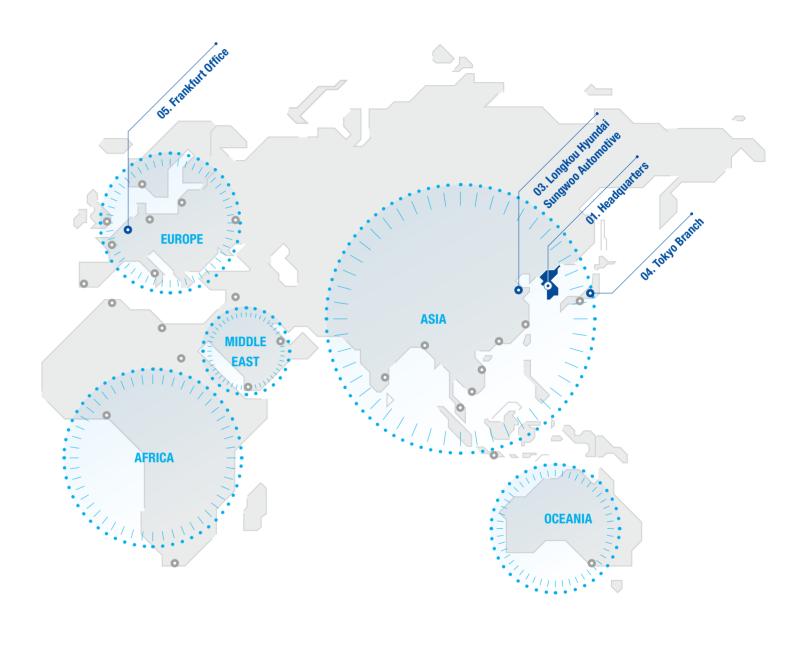




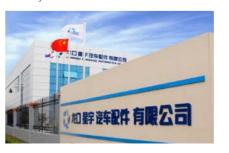


**02. Hyundai Sungwoo Auto USA**Global Sales Corporation





**03. Longkou Hyundai Sungwoo Automotive**Alloy Wheel Plant in China



04. Hyundai Sungwoo Tokyo Branch



05. Hyundai Sungwoo Frankfurt Office





# **JOURNEY of HYUNDAI SUNGWOO**

# **EXPANDING OUR STAR**

The history of Hyundai Sungwoo is itself the Hyundai Sungwoo is writing a new future evolution of the automotive parts industry. for the global automotive parts industry. **HYUNDAI SUNGWOO HOLDINGS** CORPORATE BROCHURE 25

#### The beginning of a creative journey

The history of Hyundai Sungwoo records the journey of a creative star.

1987.05 · Established Seohan Precision Machine Co., Ltd.

1988.07 · Constructed casting plant in Pohang

→ Constructed casting plant in Pohang



→ Construction site of the residential quarter for the Pohang plant employees



#### **Progress based on pioneering spirit**

Our pioneering spirit to venture out and create new paths is the foundation of Hyundai Sungwoo.

- 1993.04 · Renamed Hyundai General Shipping Co., Ltd. to Sungwoo General Shipping Co., Ltd.
- 1995.03 · Established Kyungwon Metal Co., Ltd.
- 1995.05 · Renamed Seohan Precision Machine Co., Ltd. to Sungwoo Precision Industries Co., Ltd.
- **1995.08** · Constructed 2nd casting plant in Pohang
- **1996.05** · Constructed wheel plant in Chungju
- **1997.10** Acquired ISO 9002 certification for Chungju wheel plant
- 1998.05 · Sungwoo International Trading Co., Ltd and Sungwoo General Chemical Co., Ltd merged into Sungwoo General Shipping Co., Ltd.
- **1998.08** Acquired ISO 9002 certification for Pohang casting plant
- **1999.10** Acquired QS 9000 certification for Pohang casting plant

→ Construction site of the 2nd casting plant in Pohang



→ Alloy Wheel Plant in Chungju



#### In pursuit of innovation beyond limits

We push boundaries with the power of innovation transcending businesses.

- **2000.01** Renamed Kyungwon Industry Co., Ltd. to Hyundai Enercell, Co., Ltd.
- 2000.06 · Seperated from parent company Sungwoo Group
  - · Established Sungwoo USA Corp. (currently Hyundai Sungwoo Auto USA Corp.)
- 2000.10 · Renamed Sungwoo Precision Industry Co., Ltd. to Sungwoo Automotive Co., Ltd.
- **2000.12** Renamed Kyungwon Metal Co., Ltd. to Sungwoo Metal Tech Co., Ltd.
- 2001.07 · Acquired QS 9000 certification for Chungju wheel plant
- 2001.11 · Sungwoo Automotive Co., Ltd. awarded '\$100 million Export Tower Award'
- 2003.03 · Sungwoo Automotive Co., Ltd. merged with Sungwoo Metal Tech Co., Ltd.
- **2005.05** · Constructed 3rd casting plant in Pohang
- 2005.10 · Expanded Machining plant in Pohang
- **2008.09** · Established Longkou Hyundai Sungwoo Automotive Co., Ltd. (alloy wheel plant in China)
- **2009.01** · Sungwoo Automotive Co., Ltd. merged with Hyundai Enercell Co., Ltd.
- 2009.04 · Established Sungwoo Logistics Co., Ltd.

→ Iron Casting Plant in Pohang



→ Sungwoo USA Corp, (now Hyundai Sungwoo Auto USA Corp.)



→ Alloy wheel plant in China



#### **Setting sights on global expansion**

Hyundai Sungwoo heralds a new evolutionary journey to global markets.

- 2010.11 · Constructed 2nd wheel plant in Chungju
- 2012.03 · Constructed R&D Center in Chungju
- 2012.04 · Expanded battery plant in Gyeougju
- 2012.05 · Expanded wheel plant in China
- **2012.12** Sungwoo Automotive Co., Ltd. awarded '\$400 million Export Tower Award'
- **2013.05** Renamed Sungwoo Automotive Co., Ltd. to Hyundai Sungwoo Automotive Korea Co., Ltd.
- 2015.02 · Constructed Research Office Building in Gyeongju
- 2015.03 · Awarded 'The Greatest Executive Leadership of the Year' in sustainable management for 2 consecutive years presented by Joongang Ilbo
- 2015.05 · Split off of Hyundai Sungwoo Automotive Korea Co., Ltd.
  - · Established Hyundai Sungwoo Holdings Co., Ltd./Hyundai Sungwoo Casting Co., Ltd./Hyundai Sungwoo Solite Co., Ltd./Hyundai Sungwoo Metal Co., Ltd.
- 2015.09 · Established Hyundai Sungwoo Advanced Materials Co., Ltd.
- **2016.07** · Solite Battery awarded 'The Proud the Most Valuable Product' for 3 consecutive years presented by KMA
- **2017.05** · 30th anniversary of Hyundai Sungwoo Group
- **2019.04** · Awarded 'Kotler Awards' in marketing excellence for sports marketing

→ R&D Center in Chungju



→ Research Office building in Gyeongju



→ Solite Battery awarded 'The Proud, the Most Valuable Product' for 3 consecutive years



# **2020**'S

#### **Shifting paradigms with technology**

In the next 10 years, we will envision and practice technology that changes the paradigm of the global market.

- 2020.01 · Hyundai Sungwoo Casting Co., Ltd. merged with Hyundai Sungwoo Metal Co., Ltd.
- 2021.08 · Solite Battery awarded 'Brand of the Year, 2021' in automotive battery presented by Korea Consumer Forum for 2 consecutive years
- 2022.03 · Solite Battery awarded 'Korea's No.1 for Brand Value' in automotive battery category for 4 consecutive years

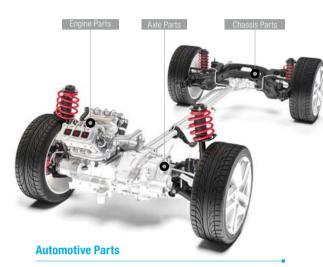
→ Hyundai Sungwoo Metal Co., Ltd. merged into Hyundai Sungwoo Casting Co., Ltd.



→ Solite Battery awarded 'Brand of the Year, 2020' in automotive battery category



# **IRON CASTING BUSINESS**



#### **Engine Parts**

- Ring Gear
- Bearing Cap

#### **Chassis Parts**

- Reinforcement
- Brake Disc - Front Wheel Hub
- **Axle Parts**







### **Marine Parts**

- Flywheel - Ring Gear



- End Cap - Backing Ring



We develop and produce core automotive casting products such as brake systems, engines using our innovative technologies, new materials, and cutting-edge manufacturing processes.

Engine Parts Engines are devices that convert thermal energy into mechanical power. Designed for optimum performance, our flywheels and bearing cap rings are produced with optimum durability and precision.

**Chassis Parts** Chassis forms the basis of a vehicle on which the body sits. Our state-of-the-art chassis features innovative design ensuring reduction in weight and vibration.

**Axle Parts** Supporting weight of the vehicle and transmitting power to the wheels, our axle parts are custom designed to protect and connect ring gears.

#### **Industrial Parts**

We produce core parts for ship engines including flywheels and ring gears as well as end caps and backing rings for rolling stocks that meet strict international quality standards.

Marine Parts Essential parts of ship engines that require high durability are produced. Those including flywheels that continuously need to transmit power to the mission, and ring gears that need to efficiently respond to additional power supply and irregular operations.

Train Parts We develop and produce a range support rings (backing rings) that hold up the wheel bearings of rolling stocks, and outer wheel external caps (end caps) that protect the bearing from external impacts and foreign substances.

We constantly develop new materials and advanced technologies, such as new molding development through pre-simulations tools. It is our goal to further secure our quality competitiveness through unrivaled source technologies.

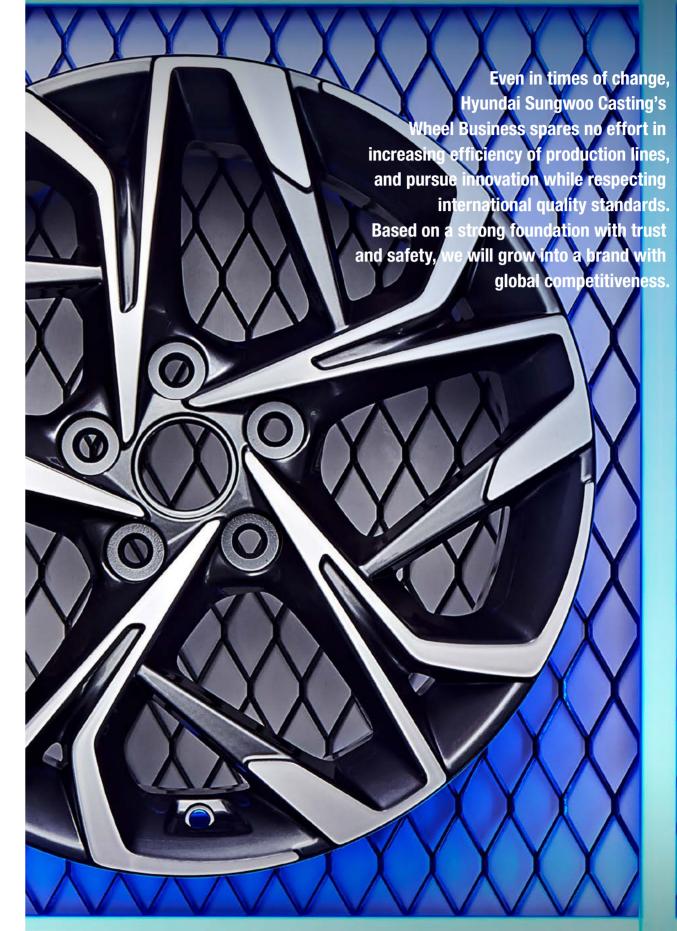








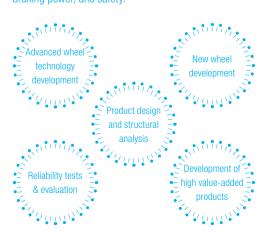




# **ALLOY WHEEL BUSINESS**



From development stage, we conduct rigorous assurance tests that exceed international quality standards to secure reliability and quality of products. Ranging from compact passenger cars to high-end large vehicles, we heavily invest for future technologies to improve weight lightness, strength, fuel efficiency, braking power, and safety.



#### **Alloy Wheel Products**

Through our advanced designing capabilities, casting technique, unique manufacturing process and technology, Hyundai Sungwoo Casting produces the best quality alloy wheels that guarantee a smooth ride from reduced road noise and improved driving performance.



Compact vehicles A variety of processing methods and colors are applied to match compact sized cars which have smaller wheels than generally used vehicles.





Midsize vehicles Fuel efficiency and car designs are respectively improved through light weighting methods and detailed coating techniques.





Large vehicles FSW technology - technology of implementing a hollow and Helmholtz resonator structure within a wheel - is applied to reduce vehicle weight, improve ride quality, and ensure a more silent ride.





SUV Considering the characteristics of SUV vehicles, such as high ground clearance and off-road use, bigger sized wheels with highstrength and endurance capabilities are used.



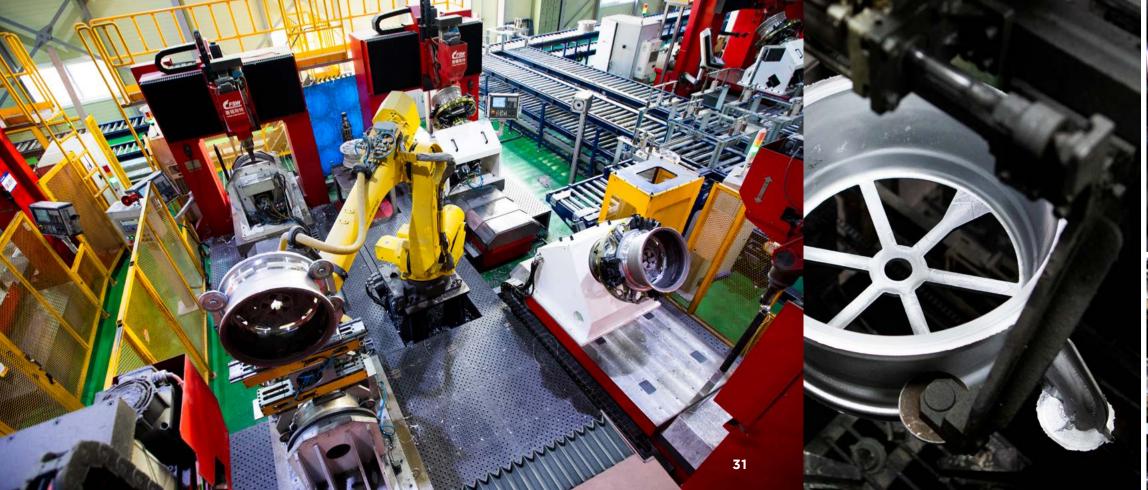


Eco-friendly cars Used in premium ecofriendly vehicles, aerodynamic wheels focused on minimizing air resistance and weight reduction are applied to increase fuel efficiency.













Hyundai Sungwoo Solite has achieved borderless growth by producing batteries for diverse use ranging from automobile, marine to industrial. With competitiveness built up till today, Hyundai Sungwoo Solite will continue to push frontiers of the battery industry.



# **BATTERY BUSINESS**







- Heavy Duty CMF Series

#### **Industrial & Marine/RV Batteries**





#### **Automotive & Commercial Batteries**

**CMF Series** A maintenance free product with unique Pb-Sn-Ca alloy applied. Ensures strong starting power even in extreme temperatures.

EFB Series A flooded battery type ideal for vehicles with an ISG(Idle Stop & Go) system. Offers improved charge acceptance and cycle life compared to conventional flooded type batteries.

AGM Series Ideal for vehicles with an ISG(Idle Stop & Go) system, AGM series enable power driving through elevated durability compared to flooded type batteries.

PT Series Suited for trucks and construction equipments, this line provides stable power to tolerate vibration and shock.

Heavy Duty CMF Series An economical battery with excellent maintenance-free performance and excellent ignition safety.

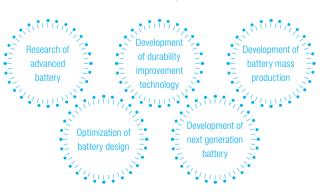
#### **Industrial & Marine/RV Batteries**

Industrial Batteries Solite Battery provides top-performing maintenance-free batteries for state-of-the-art equipments in a fastchanging industrial environment.

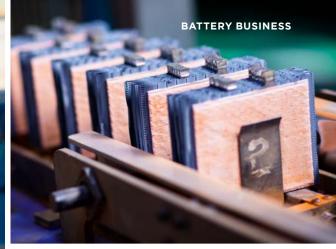
Marine Batteries Designed to withstand the severest conditions in sea, Solite's marine batteries perform steadily and securely with high and consistent starting power.

**RV Batteries** Solite Battery for recreational vehicle meet various demands from engine starting to deep cycling service for electric application. These dual purpose batteries are the ideal compromise between high starting and extra reserve power for accessory loads.

Having multiple battery technology patents, advanced design technology, and strict quality assurance based on state-of-the-art manufacturing facilities, we create new values and competitiveness.













# **ADVANCED MATERIAL BUSINESS**

**Opening a sustainable future** through our logistics and advanced materials business.

We prepare a better future by operating stable business in logistics while seeking new business opportunities in trending automotive fields.

#### **Lightweight materials business**

#### Sales of high-performance aluminum extrusion/sheet

- Lightweight aluminum materials for electric vehicles (battery case, etc.)
- · Aluminum extrusion for lightweight vehicle parts (side seal, bumper beam, etc.)

#### Discovery of promising new businesses and products

#### **Logistics business**

#### **Domestic logistics**

- Domestic land transportation: Provide a range of cargo transport services such as automotive parts and general products
- Container transport: Handle container land/road transport and railroad transport services

#### International logistics

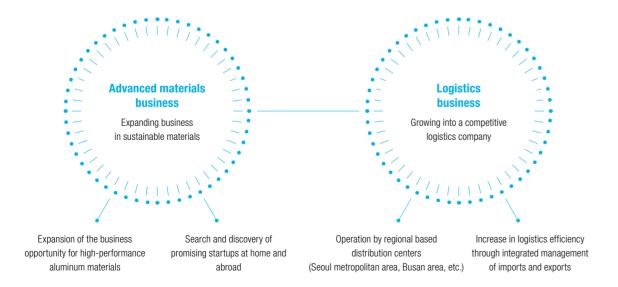
- · Manage import and export of raw/subsidiary materials
- Shipping/Air cargo logistics service/FCL/LCL services

#### Logistics warehouse operation

· Manage product storage and inventory, and provide trade service on commission

#### **OEM delivery logistics operation**

· Auto parts delivery logistics service (logistics centers: Ulsan, Ansan, Seosan, and Asan)









ADVANCED MATERIAL BUSINESS



# SUSTAINABILITY The essence of automotive parts industry is to increase safety and convenience of customers. As a corporate with philosophy based on respect for humanity, Hyundai Sungwoo provides trust and spreads happiness in various 40 HYUNDAI SUNGWOO HOLDINGS CORPORATE BROCHURE 41

SUSTAINABILITY CORPORATE SOCIAL RESPONSIBILITY

# CORPORATE SOCIAL RESPONSIBILITY

We think and grow together.
We create a solid community
that connects people to people,
companies to companies.

#### **Ethical Management**

Hyundai Sungwoo Group acknowledges ethical responsibilities over diverse interest groups from customers, employees, suppliers, local communities, nation to the environment, and pursues such responsibilities in the process of corporate activities. We believe ethical management is not only a principle for survival but a necessary mission for keeping societies sustainable and achieving success in the global market.



#### **Eco-friendly Management**

Hyundai Sungwoo Holdings considers the environment as a core element of management. Taking the lead in minimizing pollutants by developing eco-friendly technologies and products, Hyundai Sungwoo Holdings strictly complies with environmental regulations. Even today, Hyundai Sungwoo Holdings continues heavy investment in researches that generate harmony between technological advancement and preservation of the global environment.







Environmental Management Certifications - ISO 14001(Casting, Alloy Wheel, Battery)

# Sports and Cultural popular sports

#### **CSR Activities**

Hyundai Sungwoo Holdings' CSR activities are all a beautiful movement in seek of a harmonious world. By carrying out fund raising campaigns and encouraging employees to join our CSR activities, we try to promote a virtuous cycle of motivating individuals to further carry out voluntary activities.



Fund-raising and Donation



CSR Activities with employees



Sports and Cultural Sponsorship

# **MOTORSPORTS**



Since its foundation in 1997, **Solite Indigo Racing has put** Hyundai Sungwoo's technique at test and challenging spirit to action.

#### **SOLITE INDIGO RACING**

Solite Indigo Racing is a professional motorsports team well-regarded in Korea and now expanding its wings globally. With diverse know-how accumulated over many years in race car manufacturing, technology development and systematic data management, Solite Indigo Racing has achieved overwhelming victories in various series. Within only two years of debut in the international series in 2018, Solite Indigo Racing became champion of the 2019 Blancpain GT World Challenge Asia and the first Korean team to compete in the renowned Macau Grand Prix - FIA GT World Cup. Solite Indigo Racing team promises a bright future along with Hyundai Sungwoo's technological advancement and innovations.



#### **Racing History**

- 1997 Founded Indigo Racing Team
  - Overall 3rd in 'KMRC' Formula 1800 class
- 1998 Overall 3rd in 'KMRC' Formula 1800 class
- Overall 4th in 'KMRC' Touring A/B class
- 1999 Overall 3rd in 'KMRC' Formula 1800 class
- Overall 3rd in 'KMRC' Touring A class 2000 • Overall 3rd and 4th in 'KMRC' GT class
- Overall 2nd and 6th in 'KMRC' Formula 1800 class
- 2001 Overall 5th and 6th in 'KMRC' GT class
- Overall 2nd and 8th in 'KMRC' Formula 1800 class
- 2002 Overall 1st and 2nd in 'BAT GT Championship' GT1 class
- Overall 1st and 2nd in 'BAT GT Championship' Formula 1800 class
- 2003 Overall 1st and 3rd in 'BAT GT Championship' GT1 class
- Overall 1st and 4th in 'BAT GT Championship' Formula 1800 class 2004 • Overall 1st and 4th in 'BAT GT Championship' GT1 class
- Overall 3rd and 5th in 'BAT GT Championship' Formula A class
- 2005 Overall 2nd and 3rd in 'BAT GT Championship' GT1 class
- 2006 Overall 2nd in 'BAT GT Championship' GT1 class

- 2009 Overall 1st and 3rd in 'CJ O SuperRace' Super 3800 class
  - Overall 2nd and 4th in 'CJ O SuperRace' Super 2000 class
- 2010 Overall 1st in 'KMGF' GT class
  - Overall 1st and 2nd in 'KMGF' Genesis Coupe class
- 2011 Overall 1st and 2nd in 'KSF' Genesis Coupe class 2012 • Overall 1st and 3rd in 'KSF' Genesis Coupe class
- 2013 Overall 2nd and 5th in 'KSF' Genesis Coupe class
- 2014 Overall 1st and 4th in 'KSF' Genesis Coupe 10 class
- Overall 1st and 4th in 'KSF' Genesis Coupe 20 class 2015 • Overall 3rd in 'KSF' Genesis Coupe 10 class
- Overall 1st in 'KSF' Genesis Coupe 20 class
- 2016 Overall 1st in 'CJ SuperRace' GT1 class
- 2017 Overall 2nd in 'CJ SuperRace' GT2 class
- 2018 Overseas debut Participated in 'Blancpain GT Series Asia' Overall 1st in 'TCR Korea'
- 2019 Overall 2nd and Drivers' Champion in 'Blancpain GT World Challenge Asia' GT3 class
  - Overall 2nd in 'TCR Asia'
  - First Korean team to race in 'Macau GP FIA GT World Cup', 1st in GT3 Silver class













