

Fifty Years Ahead, Shaping the Next Hundred

SPACEPRO



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# SPACEPRO

Driven by relentless technological innovation, SPACEPRO exceeds customer expectations while honoring its responsibilities as a corporate citizen.

Since its founding in 1972, when fiberglass was virtually unknown, SPACEPRO has independently developed fiberglass, leading to its widespread adoption across Korea.

Building on fiberglass and carbon fiber, SPACEPRO has expanded into diverse industries—including defense, aerospace, railway interiors and exteriors, and fiberglass composite pipes—fusing technological innovation with pioneering manufacturing processes. Through close collaboration and shared growth, the company generates strong synergies across its operations.

More than a parts supplier, SPACEPRO is emerging as a global leader in Korea's space, aviation, defense, and civilian sectors. By continually innovating, it is also entering high-potential future fields such as hydrogen energy and eco-friendly mobility, creating new engines of growth.

SPACEPRO secures profitability through high-value-added products and enhanced production efficiency, reinvesting in research and development to ensure sustained growth.

Committed to a sustainable future, SPACEPRO actively pursues ESG management—developing eco-friendly materials, engaging in social contribution, and establishing transparent, fair governance—fulfilling its responsibilities as a corporate citizenship.

Together with its customers, SPACEPRO is shaping the future, making meaningful contributions to society, the nation, and humanity at large.

SPACEPRO



VISION

A Leading Advanced Composite Materials Solution Provider,  
Creating Future Spaces and Connecting the World

Through relentless challenge, change, and innovation, we aim to become a global leader in composite materials—advancing toward the future, the world, and beyond into space.

MISSION

With precision that brings invisible core technologies to life,  
we sustain future value.

Harnessing the integrative power of composite technologies,  
we set new industry standards and, guided by a philosophy that  
shapes the flow of space, create technologies that connect the  
world.

CORE VALUE



Precision Technology

We pursue perfection. Through meticulous skill and unwavering attention to detail, we deliver the highest quality and performance, earning customer trust and setting industry benchmarks.



Future-Driven Innovation

We turn tomorrow's possibilities into reality. By constantly challenging ourselves and approaching problems from fresh perspectives, we push the boundaries of composite materials technology to create innovative solutions that advance human life and industrial progress.



Spatial Philosophy

We explore the essence of space beyond mere materials. By deeply understanding the characteristics and flow of diverse spaces—from aerospace and mobility to pipelines—we provide optimized composite solutions that generate value by connecting the world.



Sustainable Responsibility

We think beyond the present, considering future generations and the environment. Through the use of eco-friendly materials and processes, we efficiently utilize resources, fulfill our social responsibilities, and pursue sustainable growth.



Integrated Collaboration

We link knowledge and experience to generate synergy. Through close collaboration within teams, with clients, and with global partners, we successfully integrate composite technologies to deliver maximum value.



Building on a legacy of excellence and decades of expertise, SPACEPRO is shaping new milestones for a better future.

2020 - Present

- 2024 11** Awarded the “Presidential Award” at the 50th National Quality Management Convention
- 11** Acquired the Sintering Furnace Division
- 08** Company name changed to SPACEPRO
- 2023 12** Established an India subsidiary
- 04** Successful launch of KSLV-II(Nuri) awarded the “Prime Minister’s Award”
- 2022 04** Established a Vietnam subsidiary

2010 - 2019

- 2019 11** Design and manufacturing of ultra-lightweight composite lattice structures selected as one of the top 10 mechanical technologies by the Korea Association of Machinery Industry
- 2017 10** Transitioned to ISO 9001:2015 quality management system certification
- 2014 07** Established the Daejeon Design & Technology Center
- 2013 02** Awarded the “Presidential Citation” and the “Minister of Science and Technology Citation” for the success of the Naro space launch vehicle
- 2011 10** Awarded the “Prime Minister’s Award” for defense quality management
- 07** Awarded the "Seoul Metropolitan Government Environmental Award" for the world's first commercialization of eco-friendly electric bus
- 2010 10** Awarded the Asia JEC (European Composites Association) “Innovation Award” for the low-floor composite bus body
- 02** Awarded the “National Green Technology Award – Ministry of Land, Infrastructure and Transport” for integrated composite rail vehicle body manufacturing technology

2000 - 2009

- 2009 10** Awarded the first JEC (European Composites Association) “Meritorious Service Award” in Asia
- 2007 11** Awarded the “Presidential Citation” for the development of fiberglass pipes for water supply and sewage
- 10** Groundbreaking ceremony for the Hamyang Industrial Complex
- 04** Awarded the Minister of Environment Citation for fiberglass water supply technology
- 2006 09** Awarded the Minister of Construction and Transportation Citation
- 07** Completion of the Hamyang Pipe Factory
- 07** Awarded the first NET (New Excellent Technology) certification for integrated composite rail vehicle body manufacturing technology
- 2004 11** Awarded the Minister of Environment Citation for the GRP pipe
- 2003 10** Acquired the ISO 9001:2000 certification
- 2002 09** Awarded the "Gold Tower Industrial Medal" for the development of fire-resistant interior materials for rail vehicles

1970 - 1999

- 1999 10** Acquired the ISO 9002 certification
- 1997 06** Awarded the "Great King Sejong Prize" for the development of the radioactive waste vitrification processing technique
- 1992 12** Awarded the "Jang Young Sil Prize" for the development of reinforced composite materials for aircraft structures
- 02** Secured a contract to produce raw materials for Boeing
- 1984 11** Awarded the “5 Million Dollar Export Tower” by the Ministry of Science and Technology
- 04** Awarded the Bronze Tower Industrial Medal
- 1980 08** Developed a fiberglass melting furnace
- 1978 05** Designated as a military supplier
- 1977 07** Incorporated as HANKUK Fiber Co., Ltd.
- 1975 03** Designated as a defense industry contractor
- 1972 04** Founded HANKUK Fiber





Presence in Korea

STRATEGIC SUPPORT H.Q / ECO MOBILITY Division	SPACE & DEFENSE Division	ECO PLANT Division
<p>📍 85 Chunhwa-ro, Bubuk-myeon, Miryang-si, Gyeongsangnam-do</p> <p>☎ +82-55-355-0081</p>	<p>📍 719-33 Sangnam-ro, Sangnam-myeon, Miryang-si, Gyeongsangnam-do</p> <p>☎ +82-55-359-2517</p>	<p>📍 76 Saneopdanji-gil, Sudong-myeon, Hamyang-gun, Gyeongsangnam-do</p> <p>☎ +82-55-960-3200</p>

Overseas Presence

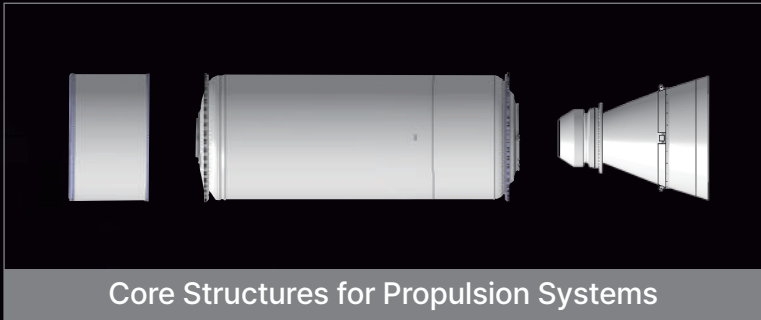
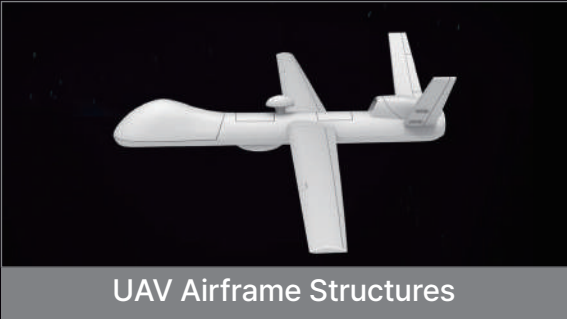
ECO PLANT Division, Uiwang Office	ECO PLANT Division, Gunsan Factory	Rotary Kiln Department	India Subsidiary (HANKUK FIBER INDIA PRIVATE LTD.)	Vietnam Subsidiary (SPACEPRO VINA CO.,LTD.)
<p>📍 257 Gyeongsu-daero, Uiwang-si, Gyeonggi-do</p> <p>☎ +82-31-8086-4400</p>	<p>📍 931 Oehang-ro, Gunsan-si, Jeonbuk-do</p> <p>☎ +82-63-450-5300</p>	<p>📍 83 Asanvalley-ro, Dunpo-myeon, Asan-si, Chungcheongnam-do</p>	<p>📍 295/1B1A, Thiyagarasanapalli Village, Nalarapalli, Shoolagiri, Hosur Taluk, Krishnagiri, Tamil Nadu, India, 635117</p> <p>☎ +91 91 4802 3033</p>	<p>📍 No.8, 22nd Floor, PVI Tower, Lot Vp2, Yen Hoa Housing and Public Area, Yen Hoa Ward, Cau Giay District, Hanoi, Vietnam</p> <p>☎ +84 094 7259 32</p>

# SPACE & DEFENSE DIVISION

With over 50 years of experience in the defense sector, SPACEPRO drives the modernization and globalization of Korea's defense industry. Building on our successful production of key components for Korea's first space launch vehicle, Naro-1, and its successor, KSLV-II(Nuri), we are advancing toward the goal of joining the world's top five aerospace nations.

## Technical Capabilities

- Composite structural stability analysis and design
- Acoustic and vibration protection technologies
- Composite fairing separation systems
- Design and manufacturing of lightweight composite structures using lattice frameworks
- High-performance composite combustion chambers produced with F/W processes
- Layering techniques (T/W, R/L) and high-temperature, high-pressure molding technologies
- Lightweighting of wings and fuselage, and bonding/fastening using dissimilar materials



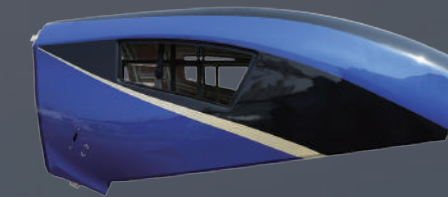
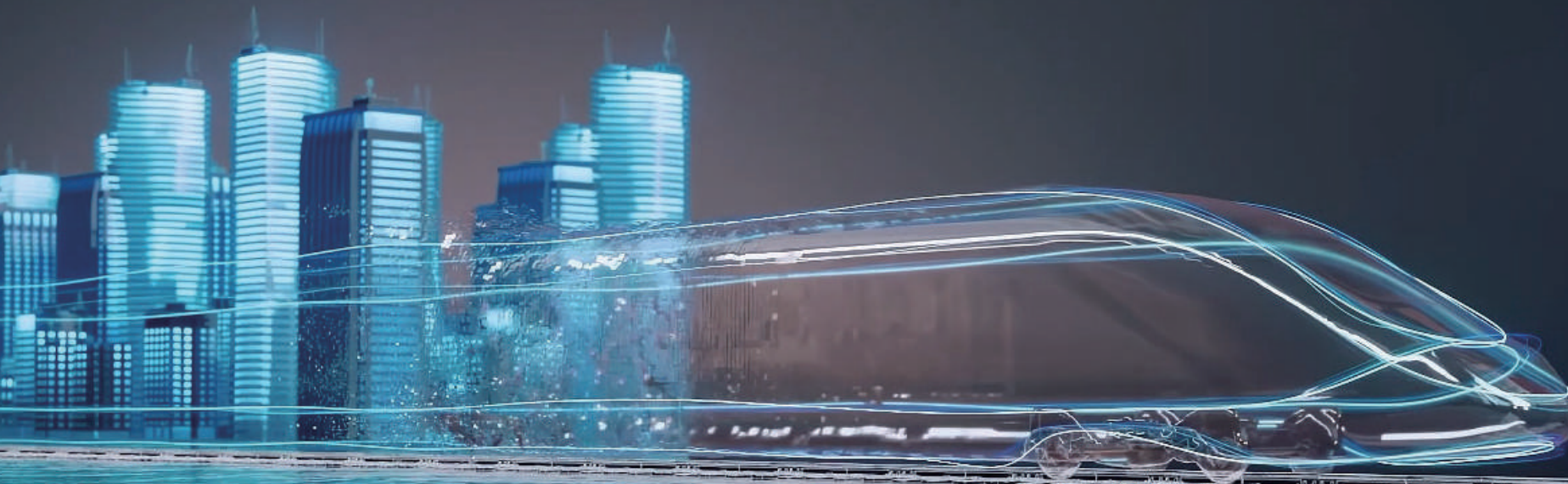


## ECO MOBILITY DIVISION

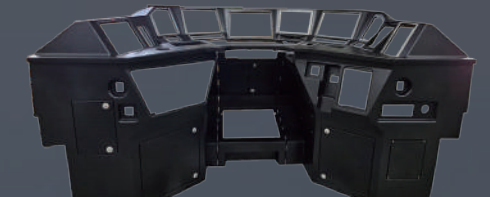
SPACEPRO manufactures core components for passenger comfort and safety including interior and exterior panels, toilet modules, door systems and HVAC in railway vehicles based on advanced technologies in flame-retardant and lightweight engineering. Through innovative one-stop solutions, we grow together with Korea's railway technology.

### Technical Capabilities

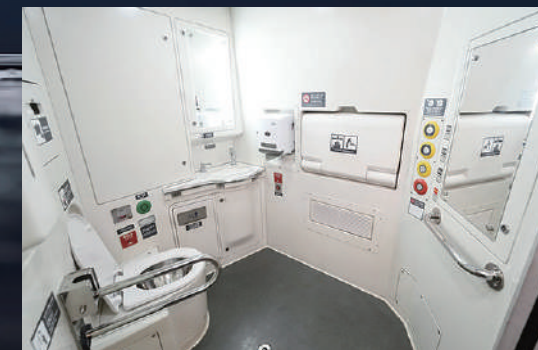
- The highest fire safety standards for railway vehicles
- Lightweight and mechanical performance for high-speed rail
- Flexible and customized design features
- Easy maintenance and semi-permanent durability
- Total one-stop solutions with panels, toilet modules, door systems and HVAC



Cab Mask



Driver Desk



Toilet Module



Out-Sliding Door System

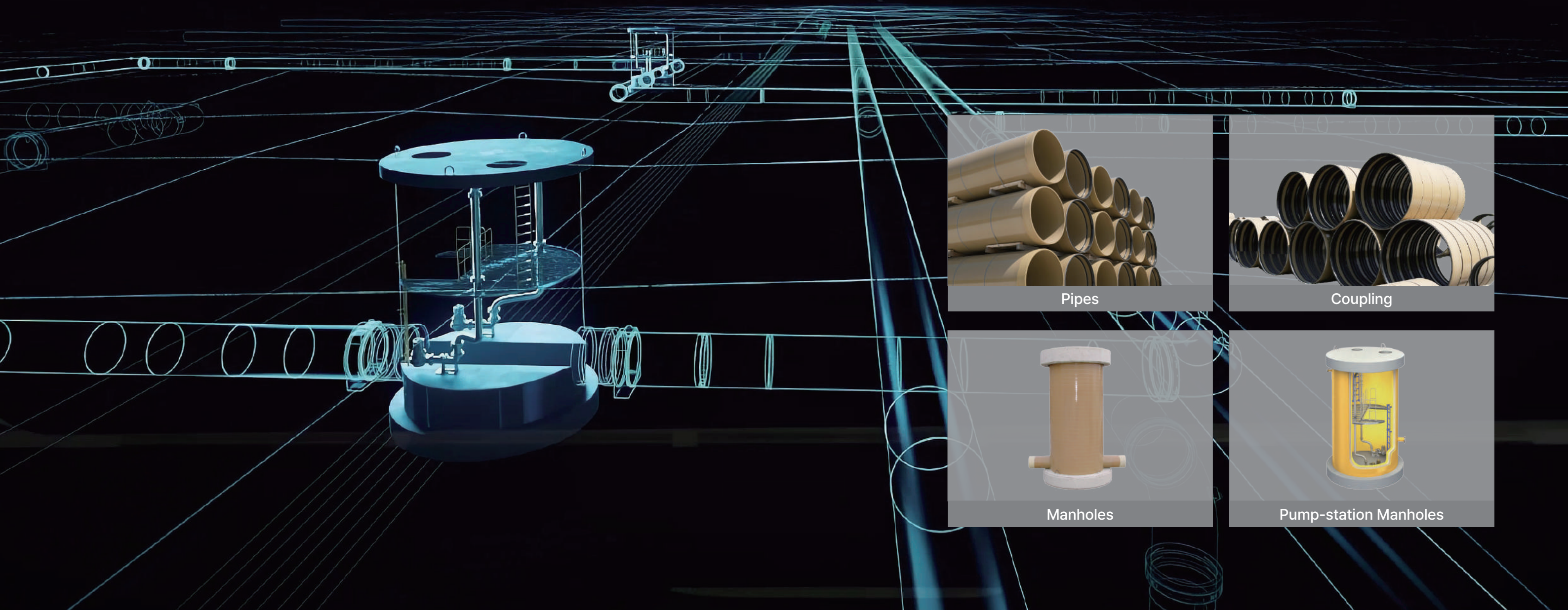


# ECO PLANT DIVISION

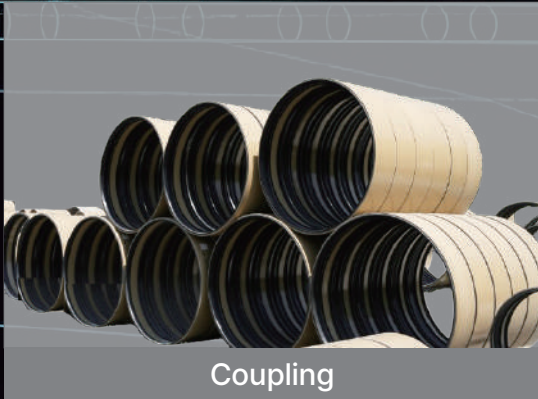
SPACEPRO leads Korea’s water industry with a broad portfolio built on Korea’s first composite-material technologies. We supply fiberglass-reinforced pipes for water and sewer systems, GRP manholes and pump-station manholes, jacking pipes and industrial piping materials.

## Technical Capabilities

- High strength and elasticity to resist external loads and impacts
- Field-adaptable installation and rapid repair
- High flow capacity with a low roughness coefficient
- Watertight performance even in soft soils and during ground movement
- Thermal stability across a wide supply-temperature range
- Long service life with minimal maintenance



Pipes



Coupling



Manholes



Pump-station Manholes



# ROTARY KILN DEPARTMENT

ROTARY KILN DEPARTMENT offers comprehensive services, including design, manufacturing, electrical control systems, installation and maintenance of rotary kilns for food processing, as well as sintering coating for anode and cathode materials used in secondary batteries, through a technology partnership with Noritake Co.,Ltd. in Japan.



# R&D

R&D Center leads innovative research and development in advanced composite materials for core industries such as aerospace, energy, transportation, and construction. We leverage top-tier talent and state-of-the-art equipment to do this. With over 50 years of unmatched expertise, proprietary technologies, and capabilities validated through government research projects, the center is a powerful driver of global expansion. Through continuous and proactive R&D investment, SPACEPRO aims to strengthen its world-leading technological capabilities. By developing new composite material products and continuously exploring uncharted domains, we strive to create new markets, positively impact human lives, and achieve sustained growth.



## R&D in Aerospace and Defense Materials

- Development of materials for aerospace and defense components, including combustion chambers, nozzle heat shields, and satellite launch vehicles
- Lightweighting of products using composite materials



## R&D in GRP Pipe Materials

- Development of resins for various pipe applications, including straight pipes, core pipes, hand lay-up pipes, and repair/reinforcement



## R&D in Composite Materials for Transportation Vehicles

- Development of composites for rail vehicles, subway nose cones, and interior materials
- Development of rail vehicle composite materials optimized for flame resistance and lightweight performance



## Research and Evaluation of Composite Materials

- Material property enhancement through the application of various resins
- Mechanical property measurement and evaluation using UTM equipment
- Chemical characterization and analysis using 10 different analytical instruments



# SUSTAINABLE MANAGEMENT

**At SPACEPRO, we prioritize sustainable value and continuously strive toward becoming an innovative technology company with lasting growth.**



ESG Strategy

We reinvest business outcomes into advanced technologies and pursue continuous growth while creating sustainable value, contributing positively to both the environment and society.



Environmental Management

We place “environmental protection first” at the core of our values, fulfilling environmental responsibilities in all business activities. Beyond compliance with environmental regulations, we aim to realize a sustainable future through resource and energy efficiency, collaboration, and communication.



Climate Change Response

We analyze emissions at the process and product levels and are gradually establishing an integrated greenhouse gas management system based on these insights.



Human Rights Management

We respect the dignity and rights of all employees and stakeholders and practice sustainable corporate governance in accordance with international human rights standards.



Safety and Health Management

We prioritize the safety and health of all employees, ensuring a happy and healthy workplace, thereby realizing sustainable management practices.



Quality Management

Guided by the core values of “Practice, Challenge, and Improvement,” we aim to achieve the highest level of quality competitiveness. Through company-wide quality innovation and continuous improvement activities, we strengthen global competitiveness based on customer trust.



Social Contribution

We actively participate in community initiatives such as river cleanup activities and Red Cross volunteering, and we continue to fulfill social responsibilities through donations to welfare centers and scholarship foundations.