Creating for Tomorrow

The commitment of the Asahi Kasei Group:
To do all that we can in every era to help the people of the world
make the most of life and attain fulfillment in living.
Since our founding, we have always been deeply committed
to contributing to the development of society,
boldly anticipating the emergence of new needs.
This is what we mean by “Creating for Tomorrow.”

Asahi Kasei Products and
Technology in Everyday Life

The Asahi Kasei Group’s products
and technologies, ranging from Hobot Haus™ unit
homes and Saran Wrap™ cling film, and electronic
parts used in computers and smartphones, to
performance resins for automotive applications, and
pharmaceuticals and AEDs that support people’s
lives, are used in various ways all around us.
Asahi Kasei History

History of diversification and taking challenges to meet the needs of the times

The Asahi Kasei Group has consistently grown through the proactive transformation of its business portfolio to meet the evolving needs of every age. We have consistently provided products and services that form solutions to various environmental and social challenges.

We, the Asahi Kasei Group, contribute to life and living for people around the world.

Sincerity—Being sincere with everyone.
Challenge—Boldly taking challenges, continuously seeking change.
Creativity—Creating new value through unity and synergy.

Group Mission

2013 Transformation to an operating holding company configuration Asahi Kasei Europe GmbH established

2016 Singapore plant for S-SBR for fuel-efficient tires begins operation

2020 Pharmaceuticals operations reinforced with acquisition of Velocis Pharmaceuticals Inc. of the US

Taking on new challenges

Growing globalization

Branching into new fields

We believe in the proactive transformation of our business portfolio to meet the evolving needs of every age. We have consistently provided products and services that form solutions to various environmental and social challenges.

Group Values

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1922 Asahi Fabric Co., Ltd. established (founding of Asahi Kasei)

1923 Japan’s first industrial production of ammonia by chemical synthesis

1931 Production of Bemberg™ cupro fiber begins

1957 Synthetic fiber operations begin with start of polyester production

1959 Synthetic resin operations begin with start of production of Cashemire™ acrylic staple fiber

1960 Petrochemical operations begin with establishment of Sanyo Petrochemical Co., Ltd.

1971 Asahi Kasei America, Inc. established

1974 Asahi Medical Co., Ltd. established and medical device operations begin with start of artificial kidney production

1974 Performance resin compounding operations reinforced with acquisition of Thermofil Inc. with facilities in the US and Europe

1976 Pharmaceutical product operations begin with establishment of Asahi Microsystems Co., Ltd

1983 Entry into critical care operations with acquisition of ZOLL Medical Corporation of the US

1990 Launch of Mipara™ lithium-ion battery separator

1992 Pharmaceuticals and liquors maker Toso Jozo Co., Ltd. merges with Asahi Chemical

1995 Shanghai Office opened

1999 Foods operations transferred to Japan Tobacco Inc.

2000 Performance resin compounding operations reinforced with acquisition of Thermofil Inc. with facilities in the US and Europe

2001 Name changed to Asahi Kasei Corp.

2002 Shochu and low-alcohol beverage operations transferred to Asahi Breweries, Ltd., and The Nikka Whiskey Distilling Co., Ltd.

2003 Asahi Kasei Pharma Corp. established

2004 Sales operations transferred to Dow Chemical Company

2005 Automotive interior material operations reinforced with acquisition of Sage Automotive Interiors, Inc. of the US

2010 Launch of Hebel™ autoclaved aerated concrete operations begin with start of production of Hebel™ autoclaved aerated concrete (AAC) panels

2012 Entry into critical care operations with acquisition of Polypore International, Inc. of the US

2013 Asahi Kasei Business Management (Shanghai) Co., Ltd. established

2015 Battery separator operations reinforced with acquisition of ZOLL Medical Corporation of the US

2016 Asahi Kasei Construction Materials Corp. established

2018 Administrative & Other

2019 Launch of Polypore™ Needleman® battery separator

2020 Asahi Kasei Construction Materials Corp. established

2022 Asahi Kasei America, Inc. established

2023 Asahi Kasei Construction Materials Corp. established

2024 Asahi Kasei Construction Materials Corp. established
Material

With advanced technology and innovative concepts, we develop materials and products that are environmentally friendly with high added value to open new possibilities for the future.

Basic Materials

Operating company: Asahi Kasei

Various basic chemicals and petrochemical products support manufacturing in a wide range of industries that enrich our lives. With responsibility for the overall energy policy of the Asahi Kasei Group, this business advances environmental technology innovation including reduced CO2 emissions.

Major products:
- Caustic soda, AN, acetone, MMA, styrene, adipic acid, polyethylene, polyvinyl chloride

Performance Products

Operating company: Asahi Kasei

A broad lineup of competitive products such as fibers & textiles, performance plastics, and S-SBR for fuel-efficient tires lead the global expansion of business, while kitchen & household products and packaging films are mainly supplied to the Japanese market.

Major products:
- Bemberg™ cupra fiber
- Neo™ premium stretch fiber
- Nonwoven: Eltan™ spunbond, Lamous™ artificial suede, Berell™ continuous filament cellulose nanowood, Precitex™ multifunctional nanowood, Duma™ all-water separation fibers
- Leona™ nylon 66 filaments
- Lura™ PET 6, 66, 6, 5, 10m, and 15m polyesters
- Celgard™ synthetic rubber, aluminums
- Saran Wrap™ cling film, Ziploc™ storage bags

Acrylonitrile

Acrylonitrile is the key production material for acrylic fibers, ABS resin, and many other products. Markets around the world are supplied from plants in Japan, Korea, and Thailand.

Sunshine™ ultra-high molecular weight polyethylene

Developed with original technology, this polyethylene powder is used to make Li-ion battery separators and high-strength fibers, etc.

Nonwoven fabric

Our wide variety of nonwovens includes spoolable for disposable diapers and artificial suede for high-end upholstery and automotive interiors.

Leona™ nylon 66 filament

Featuring exceptional strength, heat resistance, and durability, Leona™ is used for air bags and tire cord, with demand continuing to grow.

S-SBR for fuel-efficient tires

Asahi Kasei’s S-SBR enables improved fuel efficiency without compromising braking performance. It is produced in Japan and Singapore.

Performance resins

Performance plastics including polyethylene 66, polybutylene terephthalate, and SAN are added used in various automotive and home electronics applications.

Saran Wrap™ cling film

Featuring superior cling, barrier performance, and heat resistance, this has been Japan’s leading food wrapping film for more than 60 years.

Specialty Solutions

Operating company: Asahi Kasei

A wide variety of high value-added products includes Li-ion battery separators, electronic and functional materials, non-aqueous electrolysis systems featuring high energy efficiency, additives for pharmaceuticals and foods, coating materials for vehicles and electronics, and industrial explosives and explosion-bonded metal clads.

Major products:
- Duramite™ HDA-based polysulfone, ion-exchange membranes, water filtration membranes, Celus™ MCC, Sunfort™ dry film, APR™ and AP™ photopolymers, Baric™ explosion-bonded metal composites, AR Chemical Setter™ bonded anchors
- Hipperl™ and Celpard™ Li-ion battery separator, Duramite™ lead-acid battery separator

Electronics

Operating company: Asahi Kasei Microdevices

Our highly functional electronic devices include LSI’s with unique mixed-signal technology, and various sensors such as magnetic sensors and infrared sensors utilizing original compound semiconductor technology.

Major products:
- Semiconductors: Audio/Video LSI, Industrial/Factory LSI, Automotive LSI, computer components, high-frequency LSI, power management LSI
- Magnetic sensors: Hall-effect, HMC-K, electronic current sensors, rotation angle sensors, infrared sensor

LSIs for audio & voice

With a track record of over 15 years in the audio market, we continue to pursue a wide range of technologies related to sound, and provide LSIs for various applications including automobiles and smartphones.

Electronic compass

We have the world’s leading market share for electronic compasses, which are used for electronic map applications on smartphones such as pedestrian navigation systems.
Our construction materials business includes solution-oriented products and related services such as Hebel™ autoclaved aerated concrete (AAC) panels, Neoma Foam™ phenolic foam insulation panels, foundation systems, and steel-frame structural components that meet emerging needs. We continuously strive for improvements and innovations to create new value for the future of high-quality space.

Homes
Centered on Hebel Haus™ unit homes and Hebel™ AAC panels, we enable a safe, healthy, and comfortable life with technologies and services that are friendly to people and the environment.

Homes
Operating company: Asahi Kasei Homes
Various products and services for living and residency are focused on "long life." To enable residency to span across different generations, peripheral businesses including remodeling, real estate, and urban redevelopment offer a full range of services to help maintain home asset value over the long term, yielding a truly rich living environment.

Construction Materials
Operating company: Asahi Kasei Construction Materials
Our construction materials business includes solution-oriented products and related services such as Hebel™ autoclaved aerated concrete (AAC) panels, Neoma Foam™ phenolic foam insulation panels, foundation systems, and steel-frame structural components that meet emerging needs. We continuously strive for improvements and innovations to create new value for the future of high-quality space.

Major products:
- Ordem-built homes (unit homes and apartment buildings): Hebel Haus™ unit homes, Hebel Maison™ apartments, Hebel Village™ rental homes for seniors, Hebel Studio™ medium-rise buildings
- Real estate-related operations: Atlas™ condominiums, Hebel Maison™ apartment finder
- Remodeling: Maintenance and remodeling of Hebel Haus™ homes

Pharmaceuticals
Our pharmaceutical business is positioned as a specialized, R&D-centered operation, with the development of new work-class drugs being advanced to offer innovative and unique therapeutic solutions in the fields of orthopedics, critical/intensive care, urology, the immune system, and the central nervous system.

Medical Care
Our medical care business contributes to the advancement of medical treatment worldwide via continuous innovation in various fields, including medical device systems that respond to unmet needs (such as chronic and acute renal disease, neurologic diseases and other intractable conditions), filters that improve the quality of blood transfusion products, and products that enable safe and efficient production of biotherapeutics and other medicines at the cutting edge of new drug development.

Acute Critical Care
Our acute critical care business is based on world-leading resuscitation technology. Through our ZOLL family of products, we offer a comprehensive product portfolio that includes professional defibrillators and automated external defibrillators (AEDs), as well as a wearable defibrillator, portable ventilators, a highly efficient intravascular system for managing the core temperature of critically ill patients, and data management systems for care providers. We continue to expand operations in the field of acute critical care to enable better outcomes for patients around the world.
Depend on the degree of novelty and the market growth potential, R&D in the Asahi Kasei Group is divided into medium- to long-term corporate R&D to create new businesses that span across different fields and R&D to enhance established businesses. To leverage the diversity of our operating configuration, external resources such as corporate venture capital (CVC) are proactively utilized for strategic investment in startups by core operating companies in the creation of new businesses.

**01 Basic concept for creating new businesses**

- Various core technologies & Marketing functions
- Connections

**Enhancing various core technologies**
High-level experts system to deepen and expand core technologies; promoting digital transformation by nurturing experts

**Dynamic marketing functions**
Marketing & Innovation newly established to reinforce marketing across business units

**Promoting connections**
Strengthening cooperation with other companies, government, academia, and research institutes as well as internally among sectors

**Asahi Kasei Sustainability**

**Contributing to life and living for people around the world**

Sustainability for Asahi Kasei

Issues for the achievement of sustainable society are being discussed around the world. The Asahi Kasei Group launched “Cs+ for Tomorrow 2021” as a new strategic management initiative for the three-year period beginning with fiscal 2019, expressing our stance as “Care for People, Care for Earth” as we continuously contribute to the sustainable development of mankind and the earth. Asahi Kasei is focusing on two mutually reinforcing aspects of sustainability, “contributing to sustainable society” and “sustainable growth of corporate value,” as signified by the United Nations Sustainable Development Goals (SDGs).

**Contributing to sustainable society**
Providing solutions to the world’s challenges
- Business development: innovation
- Internal and external connections/dialogue
- High profitability return to stakeholders

**Sustainable growth of corporate value**
Sincerity, Challenge, Creativity

**Community fellowship**

- Raising interest in science among women
- Tree-planting and reforestation activities
- Corporate sports activities

We held an event in support of a government program to raise interest in careers in science and engineering among young women. Our judo team and distance running team have produced many Olympic athletes. The teams also actively participate in various community fellowship activities.
Asahi Kasei Network

Asahi Kasei Worldwide

The Asahi Kasei Group operating bases are located at strategic sites around the world, to facilitate the efficient supply of products and services in each of the major markets.

- Material
- Homes
- Health Care
- Administrative & Other

North America

Canada
- ZOLL Medical Canada Inc.

United States
- Asahi Kasei Advance America, Inc.
- Asahi Kasei America, Inc.
- Asahi Kasei Holdings U.S.A., Inc.
- Crystal Fi, Inc.
- AMM Verenigde Inc.
- Asahi Kasei American Americas Inc.
- Asahi Kasei Plastics Americas Inc.
- Asahi Kasei Plastics North America, Inc.
- Cadient, LLC (Charlotte and Conover)
- Daramic, LLC (Charlotte and Owingsboro)
- Pilkington International, LP
- Sage Automation Solutions, Inc.
- Sage – Detroit
- Asahi Kasei Bioprocess Americas, Inc.
- Asahi Kasei Medical Americas Inc.
- Asahi Kasei Pharma America Corp.
- Wemos Pharmaceuticals Inc.
- ZOLL, Medical Corporation
- ZOLL – Brentwood
- ZOLL – Minneapolis
- ZOLL – Pawtucket
- ZOLL – Pittsburgh
- ZOLL – San Jose
- Asahi Kasei Homes North America, Inc.
- Stryker Fronting Operations LLC

South America

Brazil
- Damasc Separadores do Brasil Ltda.
- Sage – Brazil

Mexico
- Asahi Kasei Plastics Mexico S.A. de C.A.
- Sage – Mexico

Europe

United Kingdom
- Asahi Kasei Philosproducts (UK) Ltd.
- Sage – UK
- ZOLL, Medical U.K., Ltd.

Germany
- Asahi Kasei Europe GmbH
- Asahi Kasei Microdevices Europe SAS
- Daramic – Germany
- Asahi Kasei Bioprocess Deutschland GmbH
- Asahi Kasei Medical Europe GmbH
- ZOLL, Medical Deutschland GmbH

Netherlands
- ZOLL International Holding B.V.
- Belgium
- Asahi Kasei Philosproducts (Europe) SA/W
- Asahi Kasei Bioprocess Europe SA/W

France
- Daramic SAS
- ZOLL, Medical France SNC

Italy
- Asahi Kasei Fibers Italia SRL
- Apollo SRL
- Maxi SRL
- ZOLL, Medical Italia SRL

Austria
- Vireon Forschung und Entwicklung GmbH

Poland
- Sage – Poland

Sweden
- Sema AB

Asia

China
- Beijing
- Asahi Kasei Medical Beijing Office
- Asahi Kasei Pharma (Beijing) Co., Ltd.
- Tianjin
- Daramic Tianjin PE Separator Co., Ltd.
- Wuhan
- Sage – Wuhan

Shanghai
- Asahi Kasei (China) Co., Ltd.
- Asahi Kasei Advanced (Shanghai) Co., Ltd.
- Asahi Kasei Microdevices (Shanghai) Co., Ltd.
- Asahi Kasei Plastics (Shanghai) Co., Ltd.
- Pilkington (Shanghai) Membrane Products Co., Ltd.
- ZOLL, Medical (Shanghai) Co., Ltd.

South Korea
- Asahi Kasei Chemicals Korea Co., Ltd.
- Asahi Kasei Microdevices Korea Inc.
- Asahi Kasei Microdevices Korea Corp.
- Pilkington, Korea
- Sage – Korea

Thailand
- Asahi Kasei PDM (Bangkok) Co., Ltd.
- Asahi Kasei Transfusion Technology Co., Ltd.

Bangkok
- Asahi Kasei Electrical Materials (Bangkok) Co., Ltd.
- Asahi Kasei Plastics (Bangkok) Co., Ltd.

Singapore
- Asahi Kasei Plastics Singapore Pte. Ltd.
- Asahi Kasei Synthetic Rubber Singapore Pte. Ltd.
- Polyaxent Singapore Pte. Ltd.
- ZOLL, Medical Singapore Pte. Ltd.

India
- Asahi Kasei India Pvt. Ltd.
- Daramic Battery Separator India Pvt. Ltd., (Kerala, Andhra, and Bangalore)
New value is created at various locations in Japan

We are advancing the development of our business together with local communities in many locations throughout Japan, including Nobeoka, the birthplace of our operations, Fuji, our core base for R&D, and Mizushima, the center of our petrochemical operations.

01 R&D and production sites in Japan

- Material
- Homes
- Health Care
- Administrative & Other

02 Main subsidiaries and affiliates in Japan

- Asahi Kasei Advance Corp.
- Asahi Kasei Amidas Co., Ltd.
- Asahi Kasei Engineering Corp.
- Asahi Kasei Center Co., Ltd.
- Asahi Kasei Cyber Tech Co., Ltd.
- Asahi Kasei Microporous Corp.
- Asahi Kasei Electronics Co., Ltd.
- Asahi Kasei Epoxy Co., Ltd.
- Asahi Kasei Freedom Co., Ltd.
- Asahi Kasei Renewable Products Corp.
- Asahi Kasei Metals Ltd.
- Asahi Kasei Microsensors Co., Ltd.

Asahi Kasei Network

Corporate configuration

Asahi Kasei Corporation

Asahi Kasei Homes Corp.

Asahi Kasei Construction Materials Corp.

Asahi Kasei Pharma Corp.

Asahi Kasei Medical Co., Ltd.

ZOLL Medical Corporation

Material

Homes

Health Care

Financial highlights

Fiscal year beginning April 1

- Net sales
- Operating income
- Ordinary income
- Net income attributable to owners of the parent

Results by sector

- Health Care
- Material
- Homes

1 Excluding “Others” category and “corporate expenses and eliminations.”