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Expanding Eco-friendly Investments and Businesses



Focus on investment and commercialization of environmental solutions to reduce global greenhouse gases and achieve Net Zero

Roadmap	2023	2025	2030
Target	Creating an eco-friendly market ecosystem through portfolio integration	Investing in future promising growth businesses based on the Green Biz. anchor business	Accelerating future value growth and achieving Net Zero
Action Plans	<ul style="list-style-type: none"> Expansion and integration of eco-friendly investments <ul style="list-style-type: none"> → Investment and portfolio integration of promising eco-friendly technological assets → Value enhancement through portfolio's green transition from fossil fuels 	<ul style="list-style-type: none"> Strengthening investment portfolio management to increase investment proportions in alternative energy, sustainable food, waste management, carbon treatment, electric vehicle materials and infrastructure, and eco-friendly digital sectors Strengthening investment portfolio management to address climate change 	<ul style="list-style-type: none"> Future corporate value growth through expansion of eco-friendly investments and businesses Support for achieving (scope 3) Net Zero goals in investment portfolios

Clean Technology Investment Strategy

By focusing five major eco-friendly areas -Energy Transition, Industrial Transition, Carbon Management, EV Ecosystem, Eco Digital- as key strategies for enhancing future corporate value, SK Inc. promotes preemptive investment in clean technology and secures business opportunities






Focused Area for Eco-friendly Investment

Energy Transition	Industrial Transition	Carbon Management	Ev Ecosystem		Eco Digital
Hydrogen and fuel cells	Waste-to-X	Capture	Battery Materials	EV SCM	Carbon trading platform
Nuclear power	Carbon reduction technology manufacturing process	Transport	Copper foil	SiC Wafer	Environmentally friendly products and services R&D
Energy solutions	Alternative proteins	Storage	SiC cathode material	SiC chip design/manufacture	Green DC/Infrastructure
Renewable energy		Utilization	High-nickel/single crystal anode material	Super-fast EV charging	

Eco-friendly Investment Objectives and Performance

Achievement

SK Inc. aims to expand investment in existing portfolios by identifying various promising companies in each of the five eco-friendly investment areas, thereby discovering promising eco-friendly business opportunities and entering new eco-friendly businesses.

 <p>Energy Transition</p>	<p>Electrification & Clean Fuels</p> <ul style="list-style-type: none"> Entered low-carbon base power source SMR business through investment in TerraPower, a design company for sodium cooling high-speed reactors in the U.S. Acquisition of Atom Power, a U.S. SiC Circuit Breaker company, securing core technologies for energy solution platforms Entered low-carbon synthetic crude oil and aviation oil business through acquisition of U.S. Waste-to-fuel technology firm Fulcrum Bioenergy Preoccupying Turquoise Portfolio by investing into U.S. Plasma Technology Company Monolith Becoming the largest shareholder through investment in Plug Power, a hydrogen fuel cell company in the U.S. Invested into Luna Energy, U.S. home ESS company
 <p>Industrial Transition</p>	<p>Concentrated industries, manufacturing industries (steel, cement, etc.), waste</p> <ul style="list-style-type: none"> Invested in Wildtype, a U.S. cell-based seafood company Invested in Nature's Fynd, a microbial-based alternative protein food company Invested in Perfect Day, a global leading fermented milk protein company Invested in Joyvio, China's largest professional food distributor Joint fund Participation with Joyvio to invest in sustainable foods in China
 <p>Carbon Management</p>	<p>CCUS, a natural carbon sink</p> <ul style="list-style-type: none"> Invested in 8rivers, which has many CCUS source technologies such as power generation using CO₂ and production of high-efficiency clean hydrogen Invested in ION Clean Energy, a promising tech company in solvent based CO₂ capture Invested in the world's largest CCS Project of Summit Carbon Solutions
 <p>EV Ecosystem</p>	<ul style="list-style-type: none"> Invested in Solid Energy, a next-generation lithium-metal battery developer, to secure the top three shareholders position Invested in China's Wason, a manufacturer of copper foil, an essential material for EV Batteries Securing management rights of SK Powertech, a SiC power semiconductor design and mass production company, and establishing a mass production system Acquiring SK Signet, the world's first U.S.-certified EV super-fast charger technology, and established the U.S. production line
 <p>Eco Digital</p>	<ul style="list-style-type: none"> Established mid- to long-term eco-friendly business goals for each business organization from 2020 to promote eco-friendly solutions and platform construction projects Developing /commercializing 7 solutions and platforms in 2022 including energy savings, carbon emissions reduction, air/water pollution reduction, Clean Tech, and Eco-digital services

Strategy

Establishing and implementing strategies to achieve investment, sales, and EBITDA targets by 2025 for each of the five areas to expand environmental investment.

 Energy Transition	<ul style="list-style-type: none"> • Renewable energy: Developing/operating domestic utility solar and offshore wind power based on platform specializing in renewable energy • Nuclear Power: Preemptively acquiring core assets within the next-generation SMR Value Chain lays the foundation for entry into the global carbon-free power generation business • Hydrogen/Fuel Cells: Utilizing existing energy business infrastructure, integrating large-scale hydrogen supply and fuel cell manufacturing/sales value chains • Energy solutions: U.S. GRID/HOME ESS, Microgrid, EV Charging, etc. Expand electrification efforts in the U.S. market <p>Targeted for 2025 (Unit: KRW trillion)</p> <table border="1"> <thead> <tr> <th>Accumulated investment value</th> <th>Sales value</th> <th>EBITDA</th> </tr> </thead> <tbody> <tr> <td style="font-size: 24px; color: #4CAF50;">12.4</td> <td style="font-size: 24px; color: #4CAF50;">9.8</td> <td style="font-size: 24px; color: #4CAF50;">2.4</td> </tr> </tbody> </table>	Accumulated investment value	Sales value	EBITDA	12.4	9.8	2.4
Accumulated investment value	Sales value	EBITDA					
12.4	9.8	2.4					
 Industrial Transition	<ul style="list-style-type: none"> • Promoting investment in promising companies with carbon emission reduction technology in the GHG multi-emission industry (steel, cement) process • Invested into innovative environment technology of Waste-to-X and combining with Anchor Biza • Securing a preemptive portfolio in the sustainable food area where high growth is expected <p>Targeted for 2025 (Unit: KRW trillion)</p> <table border="1"> <thead> <tr> <th>Accumulated investment value</th> <th>Sales value</th> <th>EBITDA</th> </tr> </thead> <tbody> <tr> <td style="font-size: 24px; color: #4CAF50;">4.5</td> <td style="font-size: 24px; color: #4CAF50;">2.7</td> <td style="font-size: 24px; color: #4CAF50;">0.2</td> </tr> </tbody> </table>	Accumulated investment value	Sales value	EBITDA	4.5	2.7	0.2
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4.5	2.7	0.2					

 Carbon Management	<ul style="list-style-type: none"> • Expanding value chain by investing in CCUS leading technology/infrastructure • Providing integrated 'CCUS as a service' solution based on expanded Value Chain • Leveraging SK's CCUS assets and promoting new CCUS technology bolt-on <p>Targeted for 2025 (Unit: KRW trillion)</p> <table border="1"> <thead> <tr> <th>Accumulated investment value</th> <th>Sales value</th> <th>EBITDA</th> </tr> </thead> <tbody> <tr> <td style="font-size: 24px; color: #4CAF50;">2.6</td> <td style="font-size: 24px; color: #4CAF50;">0.4</td> <td style="font-size: 24px; color: #4CAF50;">0.2</td> </tr> </tbody> </table>	Accumulated investment value	Sales value	EBITDA	2.6	0.4	0.2
Accumulated investment value	Sales value	EBITDA					
2.6	0.4	0.2					
 EV Ecosystem	<ul style="list-style-type: none"> • SiC Power Semiconductor: Expanding collaboration with global OEMs, maximizing synergy with the Preserved Power Semiconductor Biz. • Next-generation battery: Developing next-generation anode material/ Si cathode material and mass producing next-generation lithium metal batteries • Copper Foil: Proactively expanding dominance and cost-quality competitiveness in the Chinese market • EV Charging: Preoccupying the global EV infrastructure market (such as establishing U.S. production lines) and developing next-generation chargers (ESS linkage, robot charging, etc.) <p>Targeted for 2025 (Unit: KRW trillion)</p> <table border="1"> <thead> <tr> <th>Accumulated investment value</th> <th>Sales value</th> <th>EBITDA</th> </tr> </thead> <tbody> <tr> <td style="font-size: 24px; color: #4CAF50;">3.1</td> <td style="font-size: 24px; color: #4CAF50;">5.5</td> <td style="font-size: 24px; color: #4CAF50;">1.5</td> </tr> </tbody> </table>	Accumulated investment value	Sales value	EBITDA	3.1	5.5	1.5
Accumulated investment value	Sales value	EBITDA					
3.1	5.5	1.5					
 Eco Digital	<ul style="list-style-type: none"> • Planning to increase investment in R&D for eco-friendly solutions such as energy saving/carbon emission reduction, including investment in the development of a 'Voluntary Carbon Reduction Certification and Trading Platform' • Increasing sales of eco-friendly products/services in the IT Service Business Division <p>Targeted for 2025 (Unit: KRW trillion)</p> <table border="1"> <thead> <tr> <th>Accumulated investment value</th> <th>Sales value</th> <th>EBITDA</th> </tr> </thead> <tbody> <tr> <td style="font-size: 24px; color: #4CAF50;">0.3</td> <td style="font-size: 24px; color: #4CAF50;">0.5</td> <td style="font-size: 24px; color: #4CAF50;">0.2</td> </tr> </tbody> </table>	Accumulated investment value	Sales value	EBITDA	0.3	0.5	0.2
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0.3	0.5	0.2					

* 2025 goals for each area are predictive based on the current information

** The cumulative investment target is the total investment amount for each project, including co-investment at the SK Group level

[Special Page] Taxonomy-based Eco-friendly Investment Status

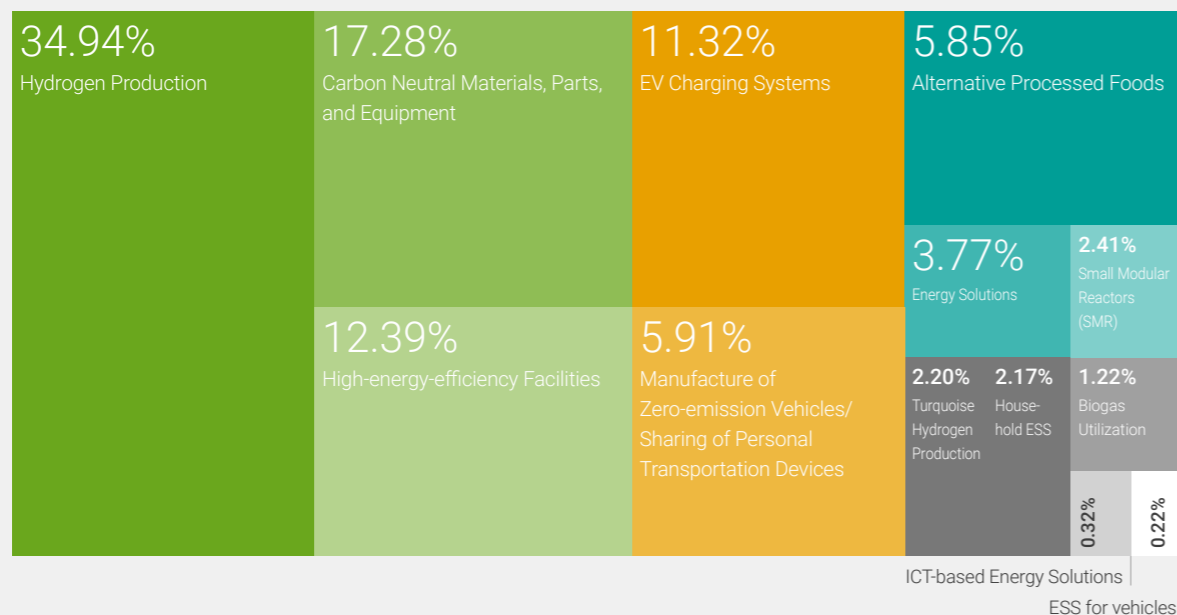
SK Inc. perceives Net Zero as a new growth driver in the era of energy transition, through swift adaptation to future energy sources and the exploration of diverse eco-friendly solutions. In order to achieve this, SK Inc. is expanding its focus on eco-friendly technologies and business opportunities. By strategically and actively investing in future core infrastructures, SK Inc. aims to enhance the synergy among green businesses within the SK Group and drive the growth of the green economy.

Major Decarbonization Investment Areas

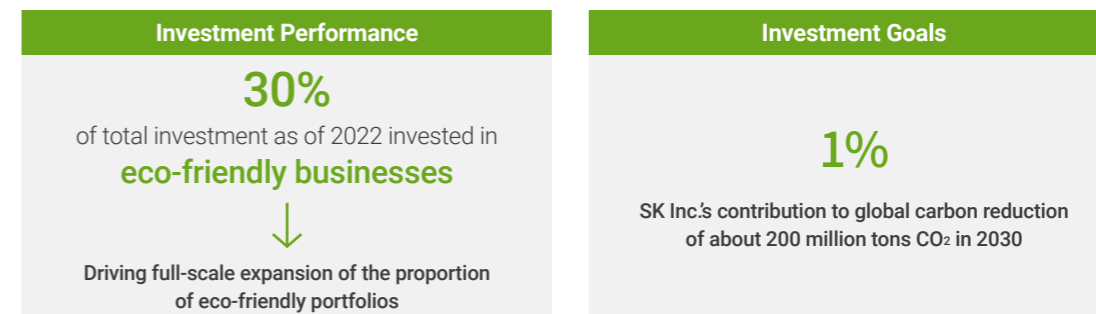


Advanced Material	Digital	Green
<ul style="list-style-type: none"> EV SCM (Electric vehicle supply chain management) Battery materials 	<ul style="list-style-type: none"> ICT energy solutions Green mobility Reusable packaging 	<ul style="list-style-type: none"> Hydrogen, SMR (Small Modular Nuclear Power Plant) Electric vehicle charging solution Alternative food

Proportion of Korean Green Classification System (K-Taxonomy) in Eco-Friendly Investments by Area



Key Investment Outcomes and Objectives



Cumulative investment in eco-friendly business (unit: KRW 100 million)

