

# Potential Partners

## List of Related Companies

### Functional Coating/Film

- Sun Systems develops wildfire suppression agents and medical film coating agents. They also develop adhesives for medical patches and premixed film coating systems for pills and capsules.
- Ceko specializes in vacuum deposition coating technologies utilizing the carrier-based vacuum deposition technique and the technology for manufacturing high-quality surface coating agents.
  - With its technology for manufacturing functional nanocoating agents with high water-absorption resistance, the company supplies coating agents for various demand industries, including touch screen panels, optical lenses, glass for vehicles, etc.
- NIC Co., Ltd. develops multipurpose film for electronics and screen protection film.
  - The company introduced industrial films, such as highly durable reinforced film, by alternating glass materials and highly functional bulletproof film.
  - The company retains a production line for thin films used for electronic materials, cleanrooms, roll-to-roll systems, and optical adhesive films.
- IPI Tech Co., Ltd. successfully localized the production of heat resistant polyimide material film and retained special film coating technology using non-thermoplastic polyimide varnish.
  - The company supplies polyimide materials to major conglomerates in Korea in the field of smartphones and semiconductors and in chemical industries.
- Everchemtech, a company that specializes in electronic materials and new and advanced materials, exports coating agents that can be applied to the inline process, electromagnetic radiation blockers for flexible printed circuit boards, and electrically conductive adhesive film to China.
  - Because of the successful localization of production, the company has become a supplier to major Korean conglomerates. The company focuses on antistatic coating agents which utilize conductive polymers and continues to research graphene materials for future growth.

• INTECO Co., Ltd, a high-functional film manufacturer, successfully localized the production of OLED products.

- INTECO Co., Ltd is an affiliate of INTEC Nano-Materials. While INTEC Nano-Materials focuses on research and development, INTECO focuses on film, and INTEC CND focuses on producing materials.

**Major Coating/Film Companies in Korea**

Category	Company	Products	Website	Location
Raw materials	Gangnam Hwaseong	Phenolic resin, polyurethane resin	www.kangnamchem.com	Head office: Seocho-gu, Seoul Technical research center: Ansan plant, Pyeongtaek, Ansan
	Kukdo Chemical	Epoxy, curing agents, polyol, polyurethane, etc.	www.kukdo.com	Head office: Geumcheon-gu, Seoul Business location: Gangseo-gu, Busan, Iksan, Jeollabuk-do, Siheung, Gyeonggi-do
	DONGCRYL	Aqueous acrylic emulsion	www.dongcryl.co.kr	Head office: Paju, Gyeonggi-do
	Jungang Polytech	Raw materials for paint, coating materials, latex	japt.koreasme.com	Head office: Yangsan, Gyeongsangnam-do
Coating agents	Sooyang Chemtec	Light curing resin for PDLC film, adhesive for high-performance tapes (for semiconductor processing), highly durable PC coating agents	www.sooyangchem.com	Head office-Plant: Yesan-gun, Chungcheongnam-do
	AVACO	Displays, solar cell production processing equipment	www.avaco.co.kr	Head office: Dalseo-gu, Daegu Plant: Daegu, Paju, Gyeonggi-do, Gumi, Gyeongsangbuk-do
	UNIVAC	Optical coating (anti-reflective, IR cutoff filter, polarization, anti-fingerprint, reflector), decoration coating products	www.univac.co.kr	Head office: Gimhae, Gyeongsangnam-do
	DONGWOO HTS	PaCVD, DLC Coating	www.dwhst.co.kr	Head office: Siheung, Gyeonggi-do Plant: Daegu, Gwangju
	iNOVION	Vacuum equipment/parts	www.fovion.com	Head office: Yeongdeungpo-gu, Seoul

Category	Company	Products	Website	Location
Coating agents	Samwon Vacuum	Vacuum equipment/parts (high-vacuum deposition equipment), coating products and production equipment	www.samwonvacuum.co.kr	Head office: Seo-gu, Incheon
	Shin Han Vacuum	PVD coating, ultra hard coating	www.shpic.co.kr	Head office: Bucheon, Gyeonggi-do
	Sungmoon Electronics	Vacuum-evaporated thin film for film capacitors and vacuum-deposited metal film	www.smec-korea.com	Head office: Pyeongtaek, Gyeonggi-do
	Sun Systems	Medical film coating agents, pills and capsule coating agents	www.sunsystems.co.kr	Head office: Seocho-gu, Seoul Plant: Hwaseong, Gyeonggi-do
	Ceko	Functional nanocoating agents with high water absorption resistance	www.ceko.co.kr	Head office: Seongnam, Gyeonggi-do
Film	Shinwha Intertek	Smart photovoltaic film, high performance tape	www.shinwha.com	Head office: Cheonan, Chungcheongnam-do
	MNTech	Photovoltaic film, window film, reflective film, touch panel	www.mntech.co.kr	Head office and Technical research center: Cheongju, Chungcheongbuk-do
	SANGBO	Window film, paint protection film, prism film, screen decorative film, AgNW TCFs, PEDOT TCF, QD film, etc.	www.sangbogroup.com	Head office: Gimpo, Gyeonggi-do
	KOYJ	Photovoltaic film (prism film, light-diffusing coating, antistatic agent), LGP, OLED equipment, automotive electronics for EVs, etc.	www.koyj.co.kr	Head office: Chungju, Chungcheongbuk-do Branch: Yangju, Gyeonggi-do
	TOPNANOSYS	Antistatic coating, air-penetrating film	www.topnanosys.com	Head office: Cheonan, Chungcheongnam-do
	I-Components	Gas barrier coating film, photovoltaic film (PMMA, PC, PES)	www.i-components.co.kr	Head office: Pyeongtaek, Gyeonggi-do
	NIC	Multipurpose film for electronics, screen protective film	www.e-nic.kr	Head office: Cheonan, Chungcheongnam-do
	IPITECH Co., Ltd.	Heat-resistant polyimide materials, non-thermoplastic polyimide varnish	www.ipitechnology.com	Head office: Daejeon Yuseong
	Everchemtech	Electromagnetic radiation blockers for flexible printed circuit board, electrically conductive adhesive film	www.everchemtech.com	Head office: Hwaseong, Gyeonggi-do
	Intecho	OLED film	www.intech-nm.com	Head office: Daejeon Yuseong

## Renewable Batteries

Company	Products	Website	Location
LG Chem	Lithium-ion batteries (final products)	www.lgchem.com	Cheongju, Chungcheong buk-do
Samsung SDI	Lithium-ion batteries (final products)	www.samsungsdi.co.kr	Ulsan Metropolitan City
SK INNOVATION	Lithium-ion battery separator films and final products	www.skinnovation.com	Jeungpyeong, Chungcheong buk-do

## Nanocarbon Materials

Company	Products	Website	Location
LG Chem	Carbon nanotubes	www.lgchem.com	Yeosu plant
Kumho Petrochemical	Carbon nanotubes	www.kkpc.com	Asan plant
JEIO	Carbon nanotubes	www.jeiocnt.com	Ansan
Teraon	Heat-generating nanocarbon materials	-	Seongnam
PICOPACK	Carbon nanotubes X-ray tube parts	www.picopack.co.kr	Daejeon
Nano Chem Tech	CNT antistatic coating solutions	www.nanosbiz.com	Yongin
SANGBO	CNT antistatic coating solutions, graphene film	www.sangbogroup.com	Gimpo
EXA E&C	CNT heating elements, graphene	www.exaenc.com	Seoul
KUK-IL GRAPHENE	Graphene powder, thin film	www.kukilgraphene.com	Daejeon

## Engineering Plastic

Company	Products	Website	Location
Kolon Plastics	POM, PA6, PA66, PBT, PPS, PET	www.kolonplastics.com	Gwacheon, Gimcheon, Gumi
LG Chem	Engineering plastic	www.lgchem.com	Iksan plant
Samyang TRILITE	EP compounds including PC, PBT, TPE, and M-PET	www.samyangcorp.com/Chemistry/plastic01_01	Jeonju plant
HDC Hyundai Engineering Plastics (HDC Hyundai EP)	EP compounds	www.hdc-hyundaiep.com	Dangjin, Jincheon Gimcheon, Ulsan
Korea Engineering Plastic	PA6, PA66, PBT, etc.	www.kepita.com	Ulsan plant, Pyeongtaek plant

## Related Organizations

### Functional Coating/Film

Name	Website	Main roles
Korea Adhesive Coating Association	www.kacapotal.org	<ul style="list-style-type: none"> <li>Promotes adhesive and coating products to the companies that manufacture the same</li> <li>Analyzes industrial statistics and shares information</li> <li>Collects principal policies, supports programs, and provides adequate matching services</li> </ul>

### Renewable Batteries

Name	Website	Main roles
Korea Battery Industry Association	www.k-bia.or.kr	<ul style="list-style-type: none"> <li>Provides updates on the status and trends of the renewable battery industry</li> </ul>

### Nanocarbon Materials

Name	Website	Main roles
National Nanotechnology Policy Center	www.nnpc.re.kr	Provides support services for national nanotechnology policies, strategy establishment, research and development planning, and the promotion of collaboration between domestic and foreign entities
Korea Nanotechnology Research Society	www.kontrs.or.kr	Promotes the exchange of information and labor forces between academic, research, and industrial research entities in relation to nanotechnology development and collaboration
Nano-Convergence Foundation 2020	www.nanotech2020.org	Based on the government's research and development performance results with respect to original nanotechnology, this foundation promotes R&BD businesses by connecting institutes that have nanotechnology with demanding companies that have business ideas.
Nano Technology Research Association	www.nanokorea.net	Establishes a collaboration network comprised of industrial academics and research to set the foundation for improving the nano convergence industry, supports business establishment for nano convergence companies, and holds the Nano Korea event.

Name	Website	Main roles
Organization for Nano-convergence Industrial Coop	<a href="http://www.nanoin.org">www.nanoin.org</a>	Promotes the development and commercialization of nanotechnology and supports activities to establish nanotechnology businesses
Nano Safety Metrology Center	<a href="http://www.safenano.re.kr">www.safenano.re.kr</a>	As a control tower for nanotechnology safety research, this center establishes the safety response system in relation to nanomaterials and the international certificate system.
Korea Infrastructure Organization for Nanotechnology	<a href="http://www.kion.or.kr">www.kion.or.kr</a>	Through organic collaboration with domestic nanotechnology infrastructure, this organization engages in research and development of nanotechnology, efficient support services for commercialization, and revitalization of nanotechnology infrastructures.

## Engineering Plastic

Name	Website	Main roles
Korea Federation of Plastic Industry Cooperatives (KFPIC)	<a href="http://www.kfpic.or.kr">www.kfpic.or.kr</a>	Provides updates on industrial status and trends of the engineering-plastic industry