

Invest KOREA Market Place

Invest KOREA Market place (IKMP) is an online business matching platform available on Invest KOREA's website with information on approximately 300 Korean companies seeking to partner with foreign investors. This month, we introduce some outstanding companies in Korea's battery industry.

COMPANY
A

Quantum Solution



Corporate-owned electric vehicles
- Small EV logistics vehicles
- Corporate-owned EVs

Continuous Management ↔ History data



Distributed power seller
- ESG construction and power sales
- Microgrid power sales

Quantum solutions platform

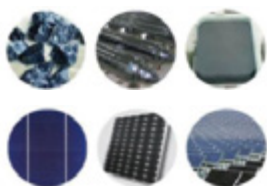
Investment Requirement		Company Profile	
Amount	USD 3 million	Patents and Certificates	- Regulatory sandbox special case for post-spend batteries - IEC 62619 BMS safety certificate - Battery evaluation platform GS certification - Secured more than 6 related patents
Investment Structure	Equity Investment, Joint Venture	Financial Performance	(Sales in 2022) USD 2.17 million

Investment Highlights

- **The rapidly growing commercial software industry for drones**
In 2021, global car sales were 84.5 million units, down 9.7% from before the pandemic (2019), but electric vehicle (EV) sales increased 226.3% from 2019 to 6.6 million units, the highest ever. The cumulative number of EVs has increased by about 2.3 times compared to before Covid-19, and the penetration rate of EVs in the domestic market has grown by more than 30% since 2020.
- **An integrated solution that builds a business system through real time video recording and data transmission using drones.**
With the unification of battery performance and management technology, it is possible to diagnose the status and health of the EV battery when charging, and to manage the safety of the battery through continuous charging data management. In addition, the company has secured a charger-type diagnostic technology.

COMPANY
B

FINEENERGY CO.,LTD



Photovoltaic industry value chain



Recycling process when making ingots

Investment Requirement		Company Profile	
Amount	USD 5 million	Patents and Certificates	Registered 2 patents, including a method for manufacturing solar cells using carbon fiber and solar cells manufactured accordingly
Investment Structure	Equity Investment, Joint Venture	Financial Performance	(Sales in 2022) USD 1.79 million

Investment Highlights

- **Increasing global demand for ingots for photovoltaic and semiconductor wafer production**
The demand for semiconductors for 5G, autonomous driving, AI data centers, renewable energy power plants, and etc. is expected to increase rapidly. As a result, as the demand for ingots for wafer production for photovoltaics and semiconductors continues to increase, the demand for recycling of scraps generated from waste ingots is also expected to continue to grow. The technology of shredding ingot scraps and reusing them in the ingot manufacturing process by turning them into chip-sized poly contributes to environmental protection, and therefore, is expected to garner interest for ESG management.
- **Chip poly can contribute to reducing carbon emissions**
By recycling byproducts generated during the manufacturing process of photovoltaic or semiconductor wafers with its own unique cleaning technology (chip-poly manufacturing), the company can reduce wafer production costs and contribute to saving resources.