



# Market Analysis



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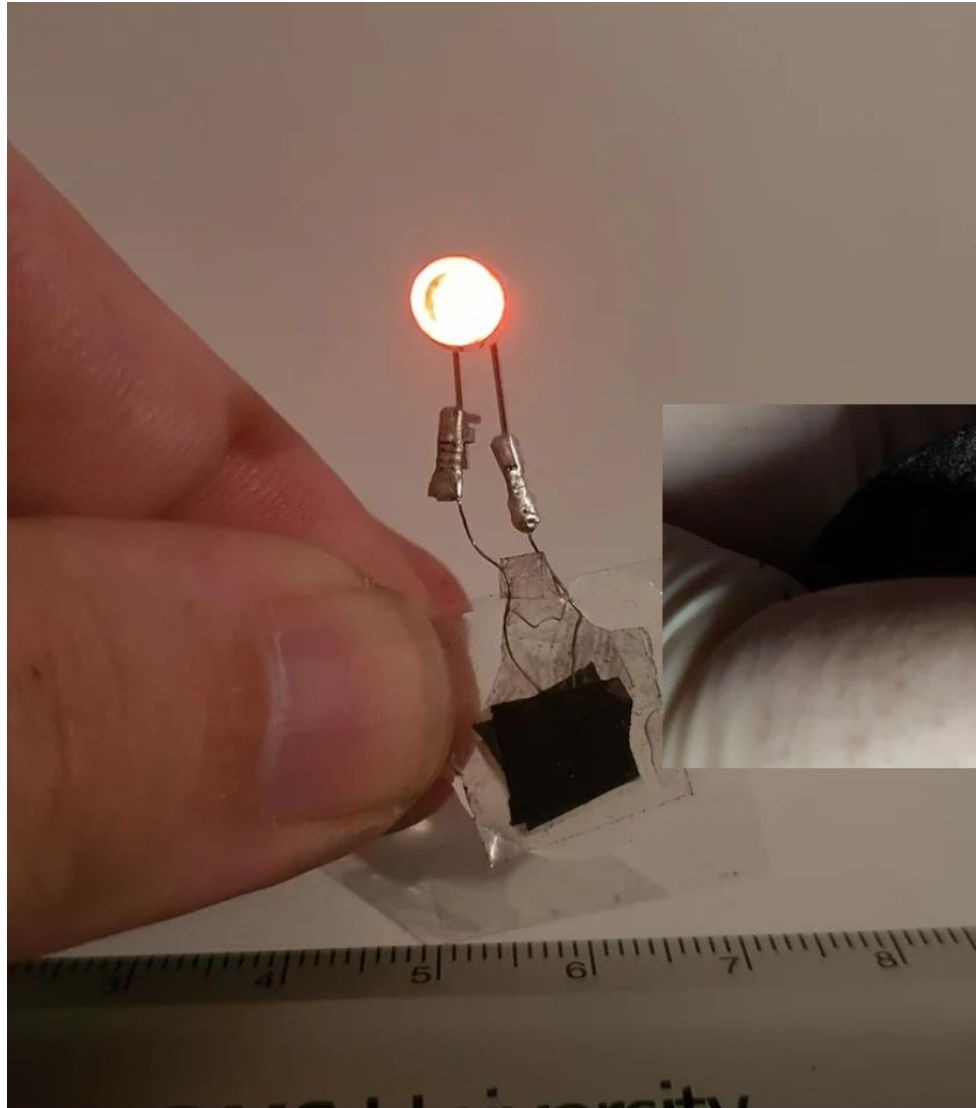
**SolidEnergetics is an entity dedicated to the research and development of sustainable technologies, founded by Jorge Díaz-Crespo Valdés, inventor and creator of the Solid Electrolyte for batteries and other applications.**



## The project

Our core mission at SolidEnergetics is the constant improvement of technology, seeking to improve efficiency and explore more sustainable ways to contribute to the well-being of our planet. In addition, we are proud to be actively engaged in the improvement of biodegradable and environmental technologies.

At SolidEnergetics, we lead Technological and Sustainable innovation, with a team committed to excellence. We work tirelessly to drive significant advances in batteries and other energy-related applications, always with a focus on solutions that respect and preserve our environment. *Our company does not manufacture, only licenses or sells projects, we are a company that invents and patents and makes a profit with investors and licenses.*



## WHAT IS SOLID ELECTROLYTE?

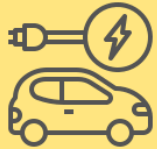
A solid electrolyte is an innovative component in battery technology that replaces traditional liquid electrolytes with a solid material, significantly improving the energy efficiency and safety of the device.



This innovation eliminates the risk of short circuits, increases the flexibility of the batteries and facilitates their integration into diverse applications. In particular, the solid electrolyte can take ceramic or polymeric forms, among other solid configurations, offering versatility in its application.

For more details: <https://solidenergetics.eu>

# Sectors of application



**Automotive &  
Transportation**



**Solar and  
Consumer Energy**



**Capacitors &  
Electronics**



**Aerospace  
Technology**



**Military  
Technology**



**Drones and  
Agriculture**



**Technology Naval**



**Robotic  
technology**



**Medical devices**



**Construction &  
Machinery**



**Consumer  
Electronics**



**Conventional  
batteries**



**Colonization  
Planetary**



**Railway Industries**



# Recent highlights.....

Batteries

## SK On to spend \$352 million to mass produce solid-state batteries by 2028

Solid-state batteries feature longer driving range and a shorter charging time due to their higher energy density

By Sungsu Bae Apr 24, 2023 (Gmt+09:00) | 2 Min read



ELECTRIC CARS

## U.S. Government Invests in Solid Electrolyte Battery Development

- The U.S. government, through the Department of Energy, has provided nearly \$2000 million to General Motors for the development of solid electrolyte batteries.



Beginning / News

## South Korea to invest \$15 billion to become first country to commercialize solid-electrolyte batteries

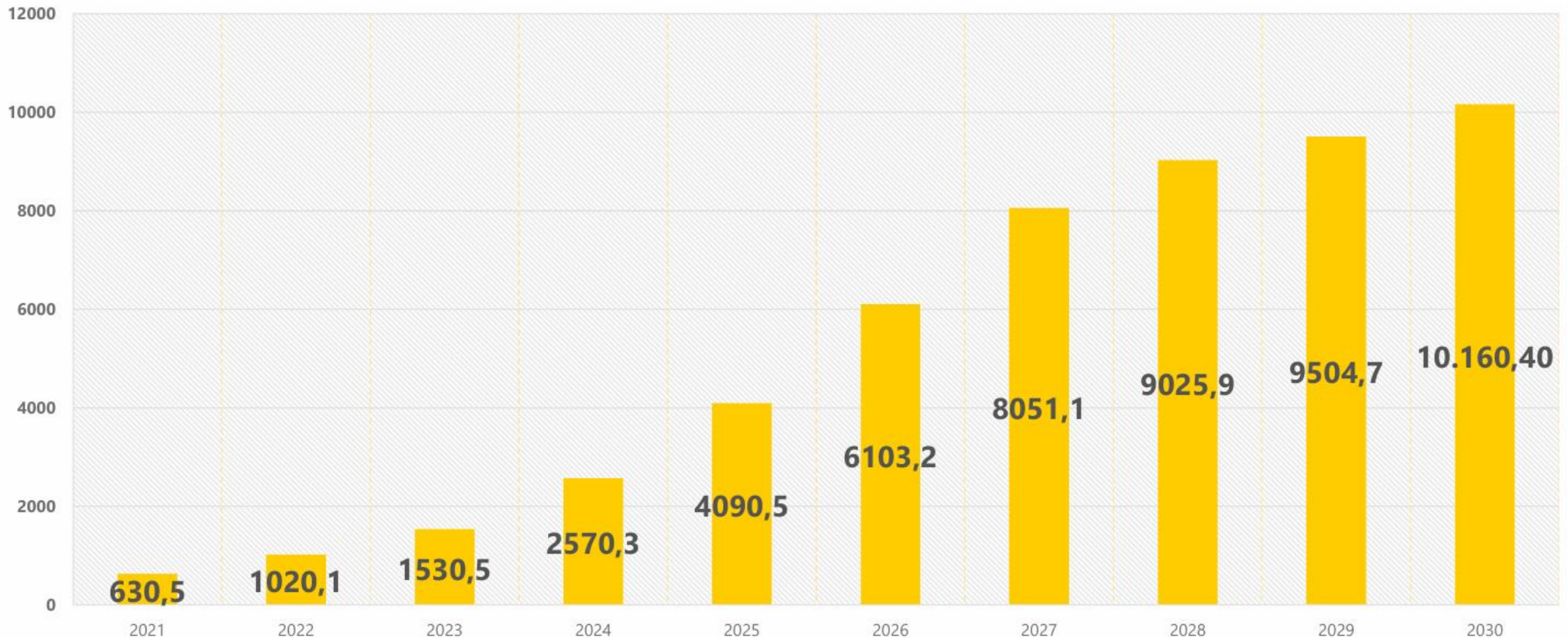


ECO-FRIENDLY CAR , BATTERIES , ELECTRIC CAR , ECOLOGICAL MOBILITY EVENT , SUSTAINABLE MOBILITY , ECO-FRIENDLY VEHICLE

## Europe boosts 1,000 km battery with solid electrolyte: 1,500 million euros to boost the project

Association AEFAP — August 9, 2023

## Solid State Battery Market Size (USD million)



**About the capital and our shares in SolidEnergetics, our company is a company endorsed by the European government and protected by the European trademark and patent entity, Our capital and movements are private to protect the financial information and of our investors.**

## Does the company have capital?

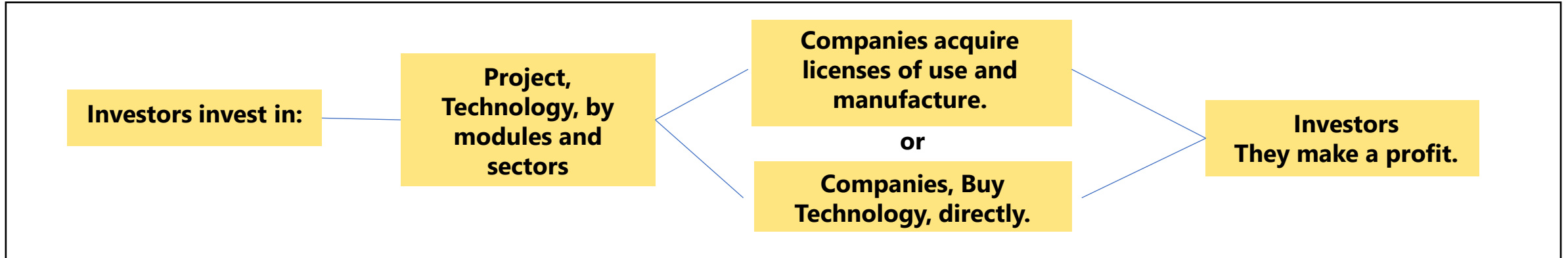
No, SolidEnergetics does not appear with registered capital in its corporate structure. This is because we work with external capital, from private investors and shareholders. For confidentiality reasons and because of the Privacy Agreements (NDAs) signed, we are unable to publicly expose our portfolio or holdings.

Yes, we have signed contracts with companies for the manufacture of our technology. However, for strategic market reasons and due to the NDAs in place, we cannot publicly disclose which companies we work with. Once a company acquires or licenses a module, all the corresponding private information is given to it under agreement.

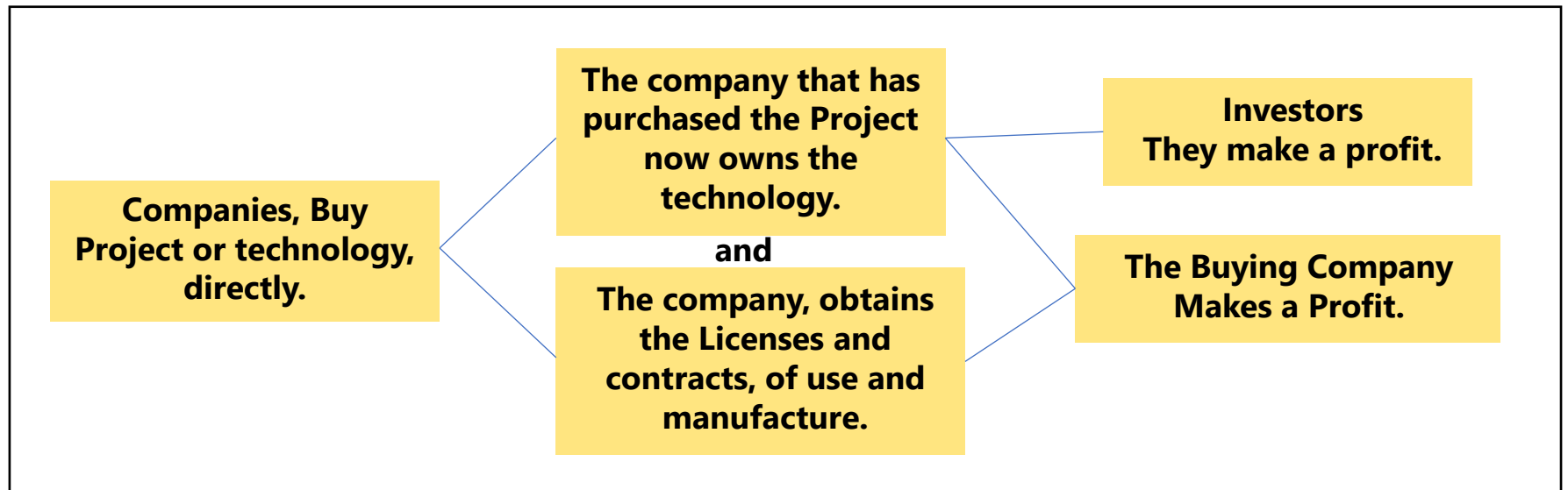


# SolidEnergetics Business Model

This is the Business Model of SolidEnergetics, in this model we can see the 1st Invesroes scheme, where we can see that when an investor invests in the Project, he obtains profits when a company acquires or buys a license.



In this model we can see the 2nd Company Buying Project scheme, where we can see that if they buy the patent, or the Project, or a module of the Project, they obtain the distribution and production contracts that we have already signed as well as the manufacturing and marketing rights.






# Contractual guarantees and institutional support

At SolidEnergetics, all our contracts include clear guarantees, both for licensees and investors.

 We are a company endorsed by the European institutional environment and our technology is protected by a patent registered in the European patent system.

 If a company needs a demonstration or technical validation, we carry out tests without any problem, as long as there is a signed agreement with mandatory payment intention. This allows us to protect our technology formula against attempts to copy or use it unauthorised. As for our investors, they are confident that they are backing a solid technology, developed and registered in Europe, with high potential for return through licensing or sale of modules.



## SolidEnergetics on the verge of breaking world battery life record at TikTok Live event

At SolidEnergetics, we are excited to announce that we are about to break the world record for battery life in a TikTok Live event. Yes, you heard right, we are going to show the incredible battery life of our solid electrolyte battery prototype! At SolidEnergetics, we have been dedicated to developing innovative technologies that power the future of energy. We have been working hard to create a new battery that will last for years.

[Read More](#)



## Drivers of growth

- Growing concern about greenhouse gas emissions.
- Increasing government initiatives are facilitating the adoption of Solid Electrolyte.



The growth of the market accelerated to a **CAGR (2021 – 2024)**



**33%**



APAC had the largest share



**>50%**



The battery capacity category from 20 mAh to 500 mAh accounted for the largest market share



**46%**



The biggest growth will come in the Americas

**37%**



The biggest growth will come from Europe

## Companies in the market

**BOLLORE**

**TOYOTA**

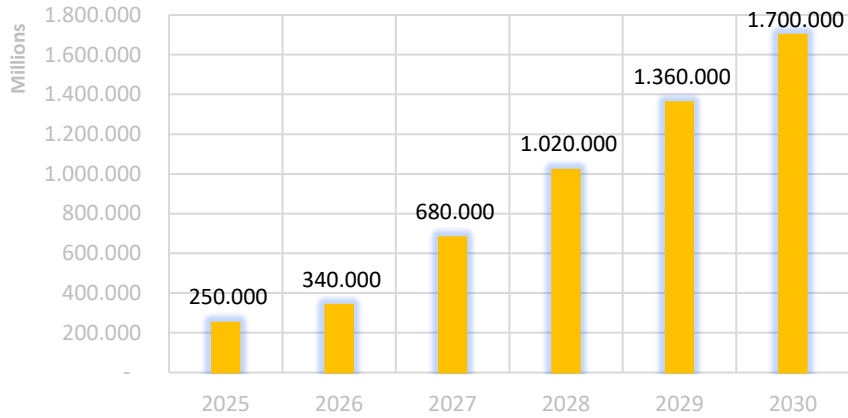
**ProLogium**

**IONIC**

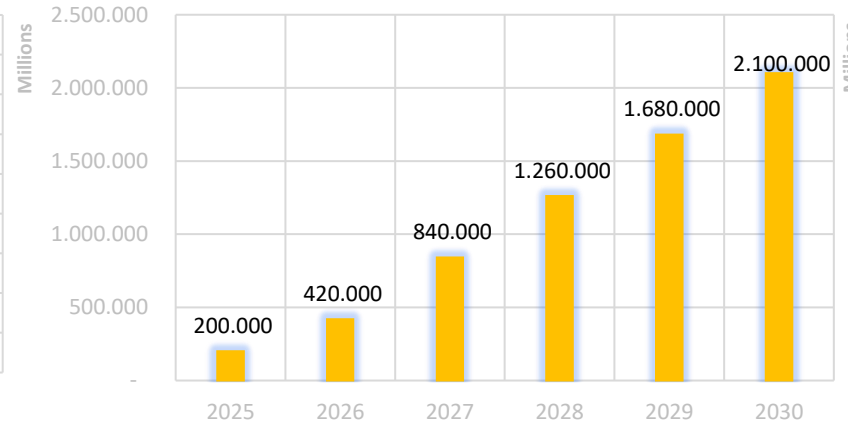
**QuantumScape**

# Value by Sector 1

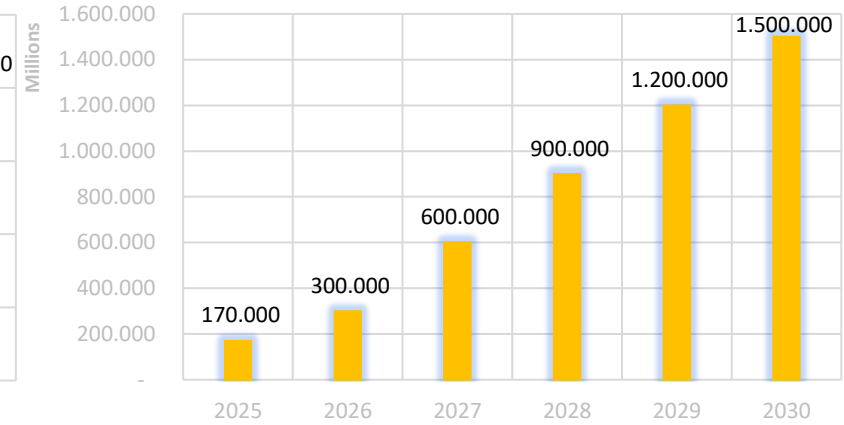
### Automotive & Transportation



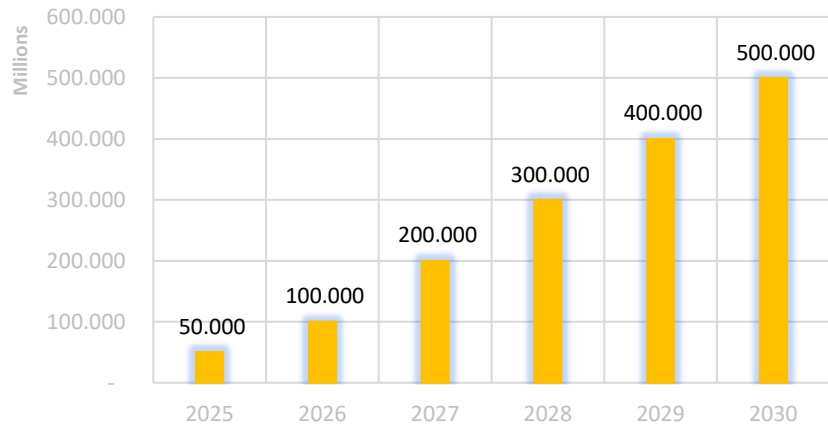
### Solar & Consumer Energy



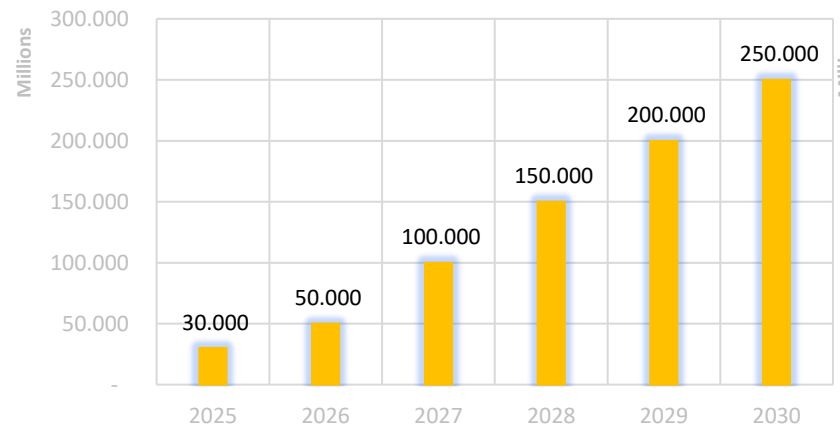
### Capacitors & Electronics



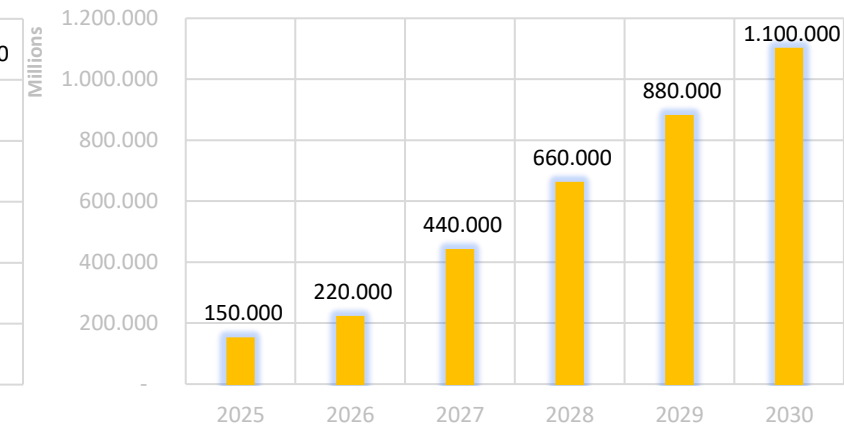
### Military Technology



### Drones & Agriculture



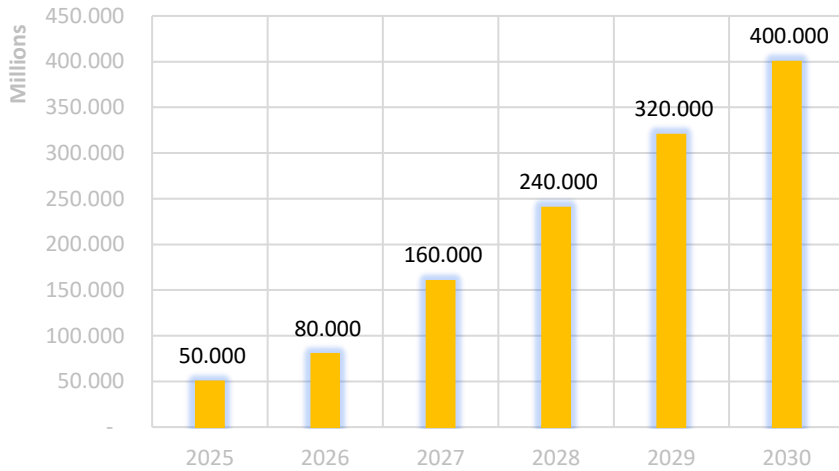
### Aerospace & Technology



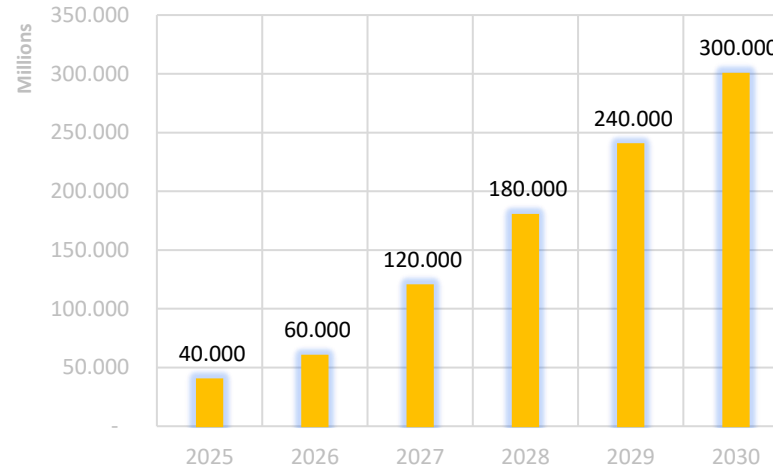


# Value by Sector 2

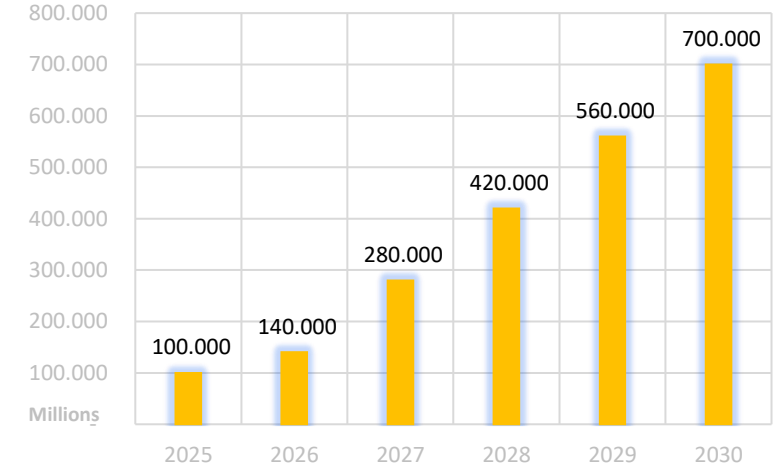
### Medical Devices



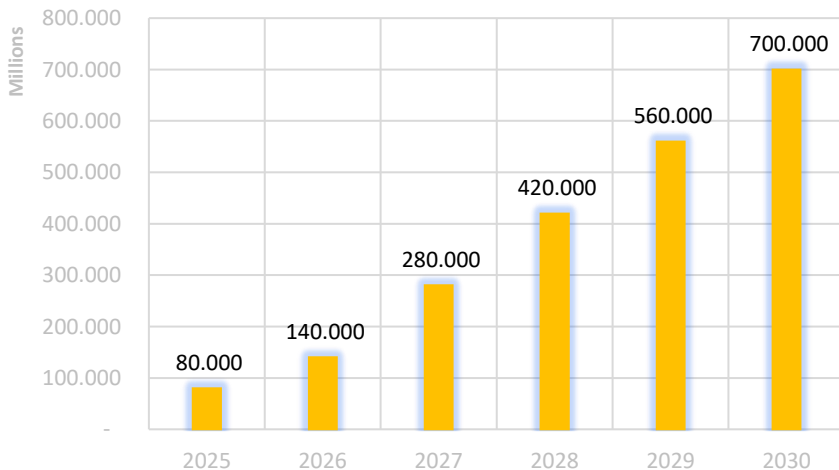
### Naval Technology



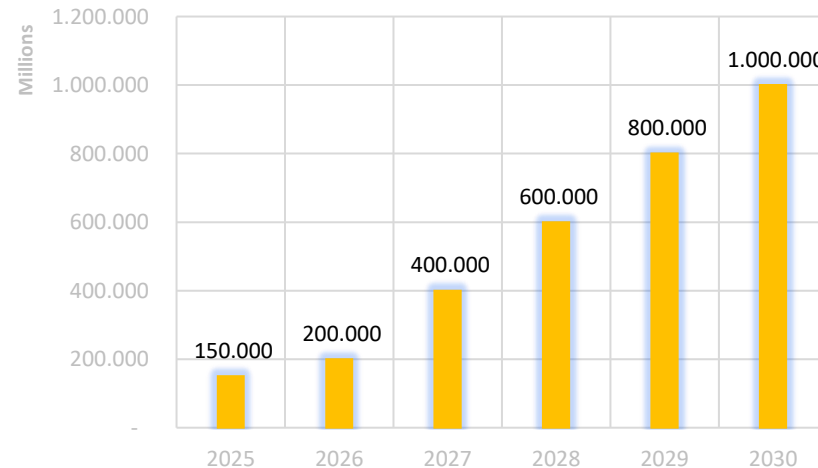
### Robotic Technology



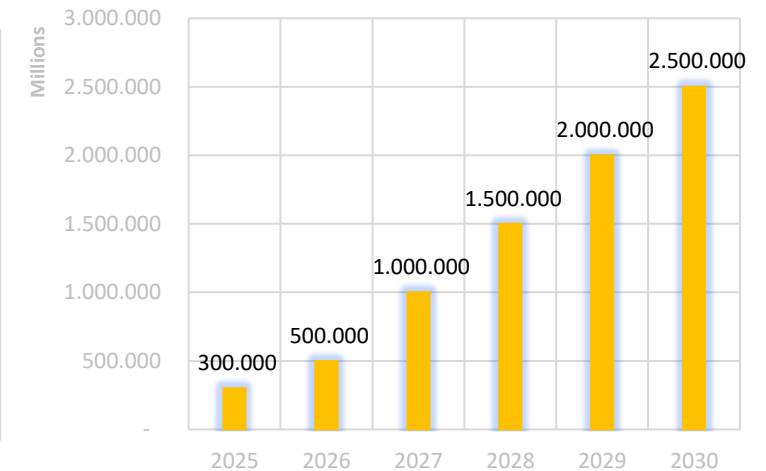
### Construction & Machinery



### Consumer Electronics

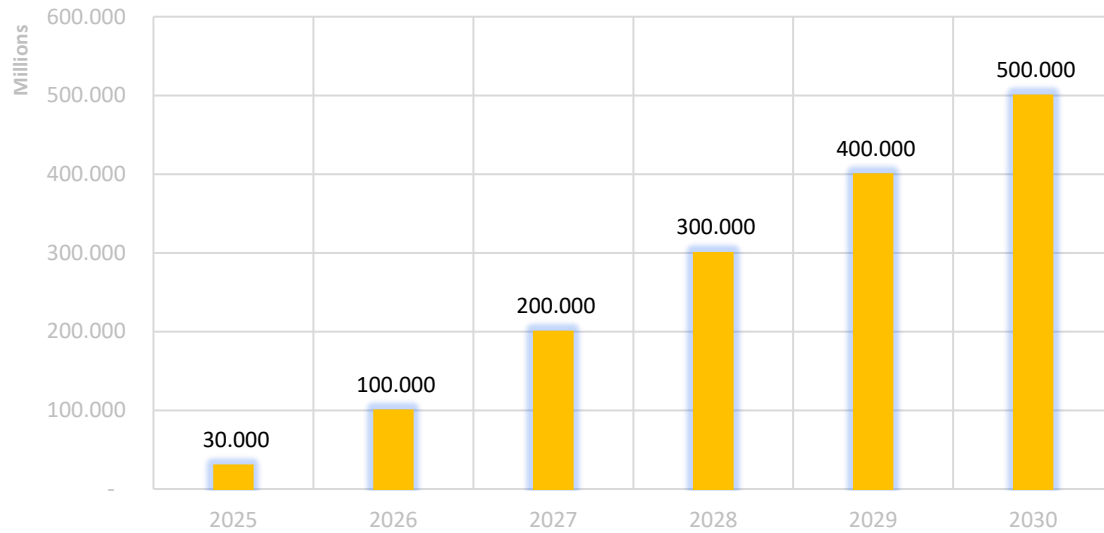


### Conventional Batteries

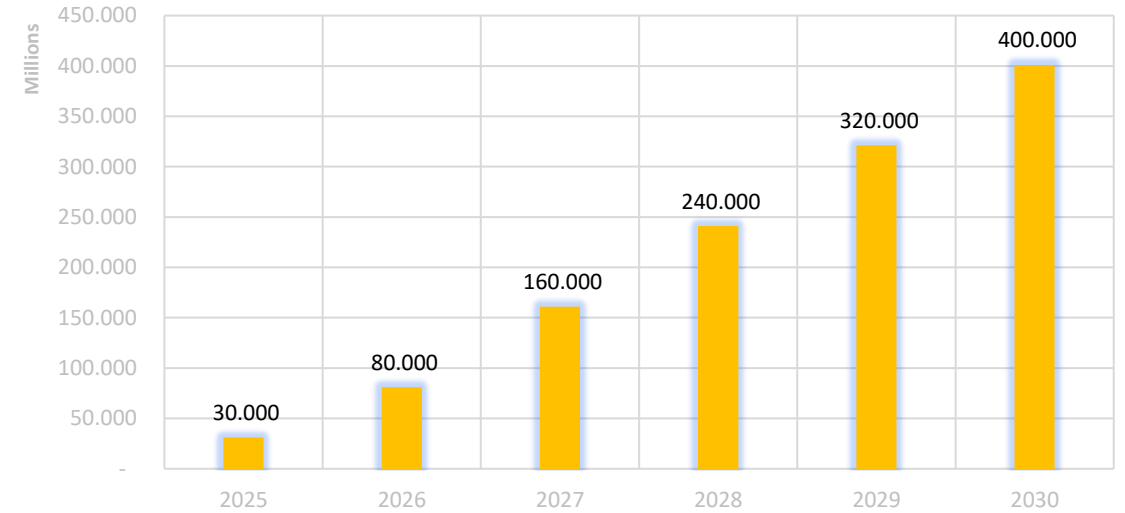


# Value by Sector 3

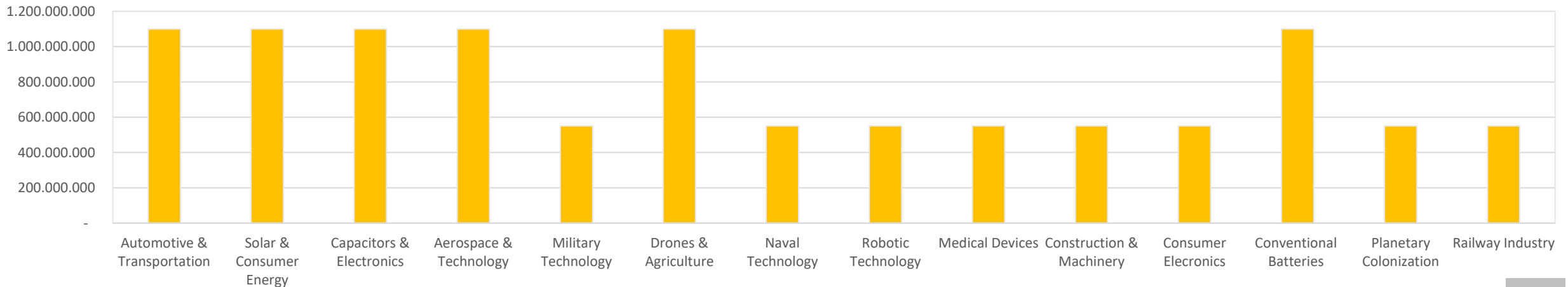
### Planetary Colonization



### Railway Industry



### Growth Summary





# Thank you



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