

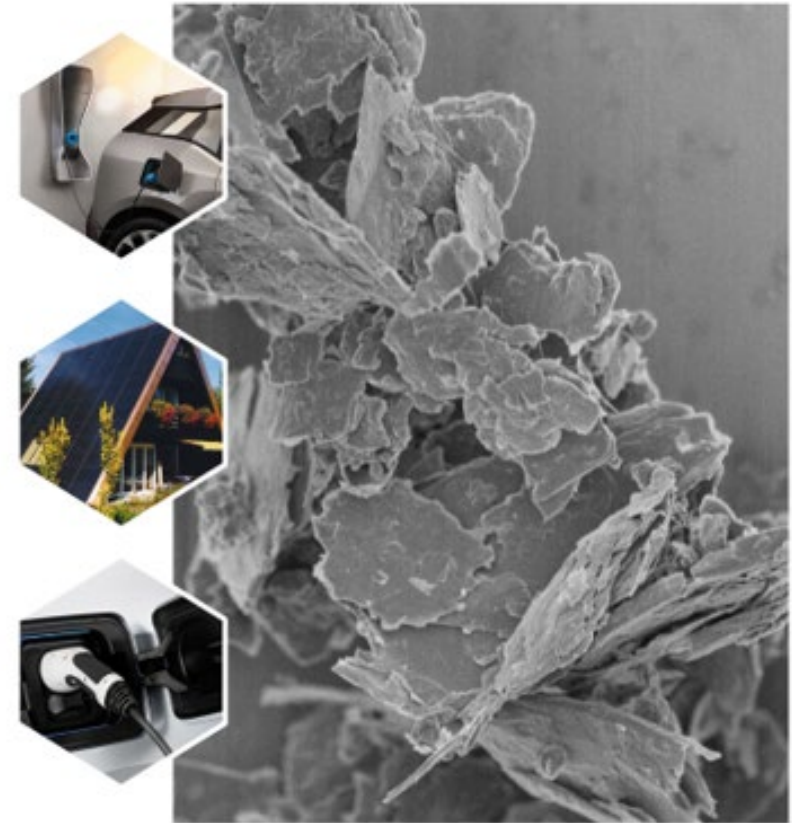


Bringing you the future  
of nanomaterials

01.

## Gnanomat, a company of VRS Group focused in Energy Storage

- Founded in 2014 and acquired by VRS in September 2018
- Strongly supported by EU within the H2020 program and other private and public institutions in Spain.
- GNA is focused in the development of nanomaterials for electrodes manufacturing, providing improved Energy and Power to ES devices.



## 02.

### ES, a huge market opportunity

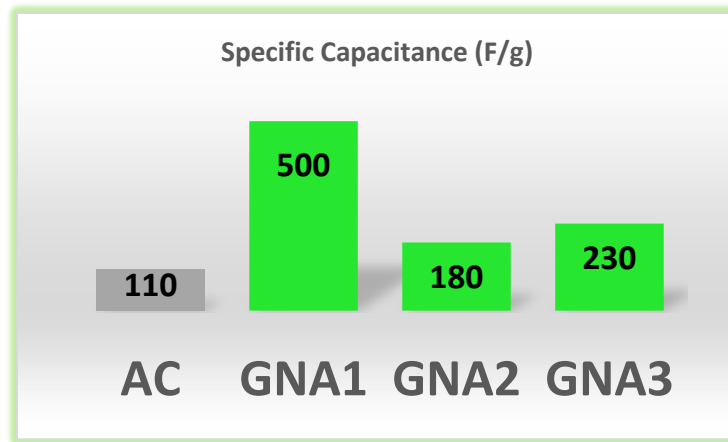
- ES market size is over 40 B£ with an expected CAGR over 10%
- Manufacturers of ES demands electrode materials in the range of tens of Tm per year: INDUSTRIAL SCALE
- Electric Vehicule is one of the major drivers.



## 03.1

### GNA Key Successful Factors

- Hybrid Materials



- R&D Capabilities



- Team



- Pilot Plant

## 03.2

### Collaborators and target customers



**Maxwell**  
TECHNOLOGIES

**Panasonic**

**EVANS CAPS**

**Z A P ÷ G O**  
THE ULTRA FAST CHARGE

**Elbit Systems**

**EAT•N**

**LS** Mtron  
LS MTRON

**NIPPON  
CHEMI-CON**

## 04.

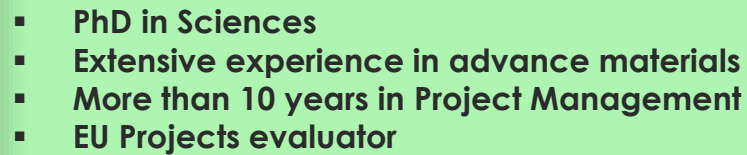
### Synergies generated

- Commercial opportunities:
  - Up to four different collaborations invited by VRS staff and collaborators.
  - Door-openers with final customers
  - Improvement of business opportunities.
- Development opportunities:
  - Implementation of alternative R&D lines with companies of the group.
  - Improvement of subsidiary technical facilities with companies and institutions under VRS umbrella

Versarien<sup>®</sup>  
PLC



## CTO hiring



## Two blue cylindrical ultracapacitors are shown. Each capacitor has a positive terminal (+) and is labeled 'ULTRACAPACITORS 2.7V 3000F'.



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[Roberto.clemente@versarien.co.uk](mailto:Roberto.clemente@versarien.co.uk)



## 06.4 Capacities: Key collaborators



Con el apoyo de

