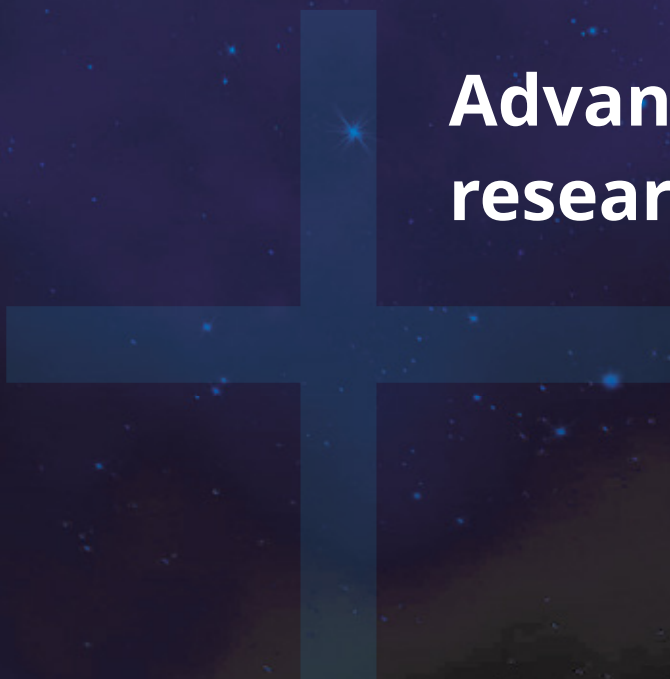




CONSORTIUM FOR  
**BATTERY  
INN+VATION-**

**Advanced lead battery  
research and innovation**



# The Consortium for Battery Innovation

The Consortium for Battery Innovation is the only global pre-competitive research organization funding innovation in lead batteries for energy storage and automotive applications.

## Our work

<h3>+ Research</h3> <p>Improving lead battery performance through pre-competitive research</p>	<h3>+ Testing/Standards</h3> <p>Ensuring lead battery merits are recognised in key global tests and standards</p>
<h3>+ Marketing</h3> <p>Improving recognition of lead battery benefits in utility and renewable energy storage applications</p>	<h3>+ Communication</h3> <p>Positioning lead batteries as a future, innovative technology</p>

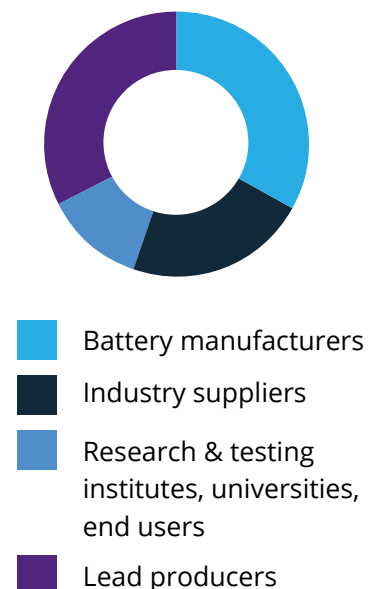
## Membership

Our membership comprises the whole value chain associated with lead batteries, with over 90 members globally.

### Map of members



### CBI member representation





## Benefits of membership:

- Access to cutting-edge research and innovation in lead battery technology at a fraction of the cost of dedicated in-house research programs
- Collaborative partnerships with world-leading research institutes
- Excellent networking and engagement opportunities worldwide with the lead battery industry
- Access to over 25 years of lead battery research
- Opportunity to actively participate in CBI committees and drive the direction of Consortium work
- As a member of CBI you are helping ensure a sustainable future for the lead battery industry





## Research goals

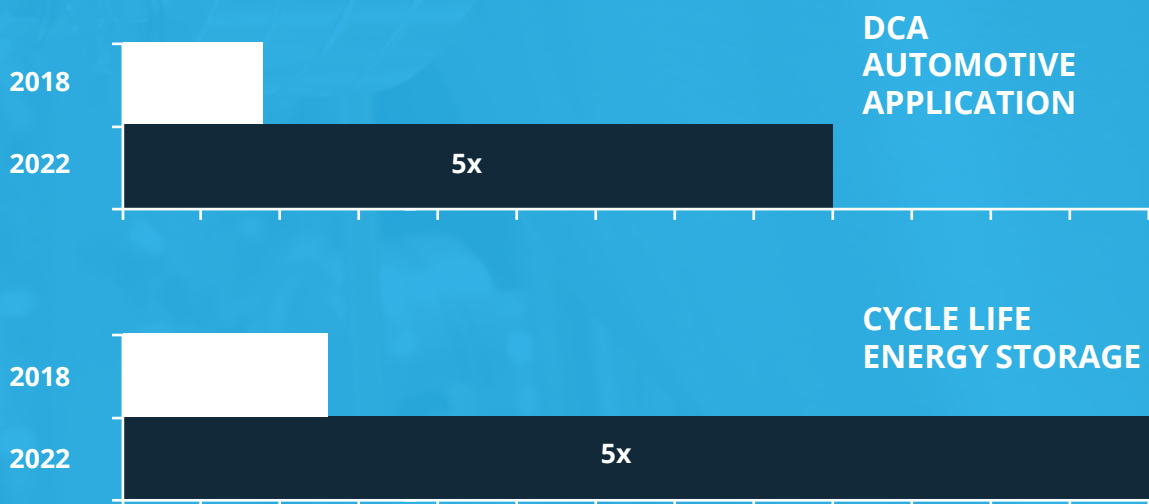
The Consortium's research priorities are included in a new roadmap which sets out market driven research goals for 2022 and 2025, specifically focusing on improving battery performance in two important areas.

- + Dynamic Charge Acceptance (DCA), relevant to automotive applications
- + Cycle life, for energy storage applications

Through the research program, CBI members will be supporting aims to significantly improve performance in both areas.

Although CBI has identified these two areas as highest priority for 2019 onwards, it is expected that the results of the research program will be beneficial for developing lead batteries for all applications.

### Performance improvement of advanced lead batteries



# Leadership

The Consortium is led by scientists with extensive expertise in the lead and lead battery industries. Our expert advisory group is made up of senior battery scientists from across the globe.

**Dr Alistair Davidson (Director, CBI)**



Dr Alistair Davidson (Director, CBI)

***As governments and societies worldwide strive to decarbonise by introducing greater electrification, significant opportunities are opening up for advanced lead batteries. Members of the Consortium for Battery Innovation are investing in the latest market-driven research designed to further boost the performance and visibility of this vital battery technology. We are setting a new standard for advanced batteries that are high-performing, reliable, safe, fully recyclable and cost-effective.***







## Events

The Consortium for Battery Innovation holds regular global events providing excellent networking and engagement opportunities worldwide with the lead battery industry.

These include:

- + Three regional technical workshops per year (US, Europe and Asia)
- + Yearly General Assembly meeting in US and Europe/Asia
- + Meetings organised in combination with global standardization committees such as CENELEC, and European car manufacturers





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## **Advanced lead batteries: the future of energy storage**

### **Contact us:**

Consortium for Battery Innovation

### **North America**

2530 Meridian Parkway, Suite 115,  
Durham, NC 27713, United States  
Tel: +1-919-361-4647 Fax: +1-919-361-1957

### **Europe**

Bravington House, 2 Bravingtons Walk,  
London, N1 9AF, United Kingdom  
Tel: +44 207 833 8090 Fax: +44 207 833 1611



@CBIbatteries



Consortium for Battery Innovation

[info@batteryinnovation.org](mailto:info@batteryinnovation.org)

[www.batteryinnovation.org](http://www.batteryinnovation.org)