

**CONSORTIUM**



*Project Mission and Scope*

*ALISE is a pan European collaboration focused on the development and commercial scale-up of new materials and on the understanding of the electrochemical processes involved in the lithium Sulphur technology. It aims to create impact by developing innovative battery technology capable of fulfilling the expected and characteristics from European Automotive Industry needs, European Materials Roadmap, Social factors from vehicle consumers and future competitiveness trends and European Companies positioning.*

*The project is focused to achieve 500 Wh/Kg stable LiS cell. The project involves dedicated durability, testing and LCA activities that will make sure the safety and adequate cyclability of battery being developed and available at competitive cost.*

*Initial materials research will be scaled up during the project so that pilot scale quantities of the new materials will be introduced into the novel cell designs thus giving the following advancements over the current state of the art. The project approach will bring real breakthrough regarding new components, cell integration and architecture associated. New materials will be developed and optimized regarding anode, cathode, electrolyte and separator.*

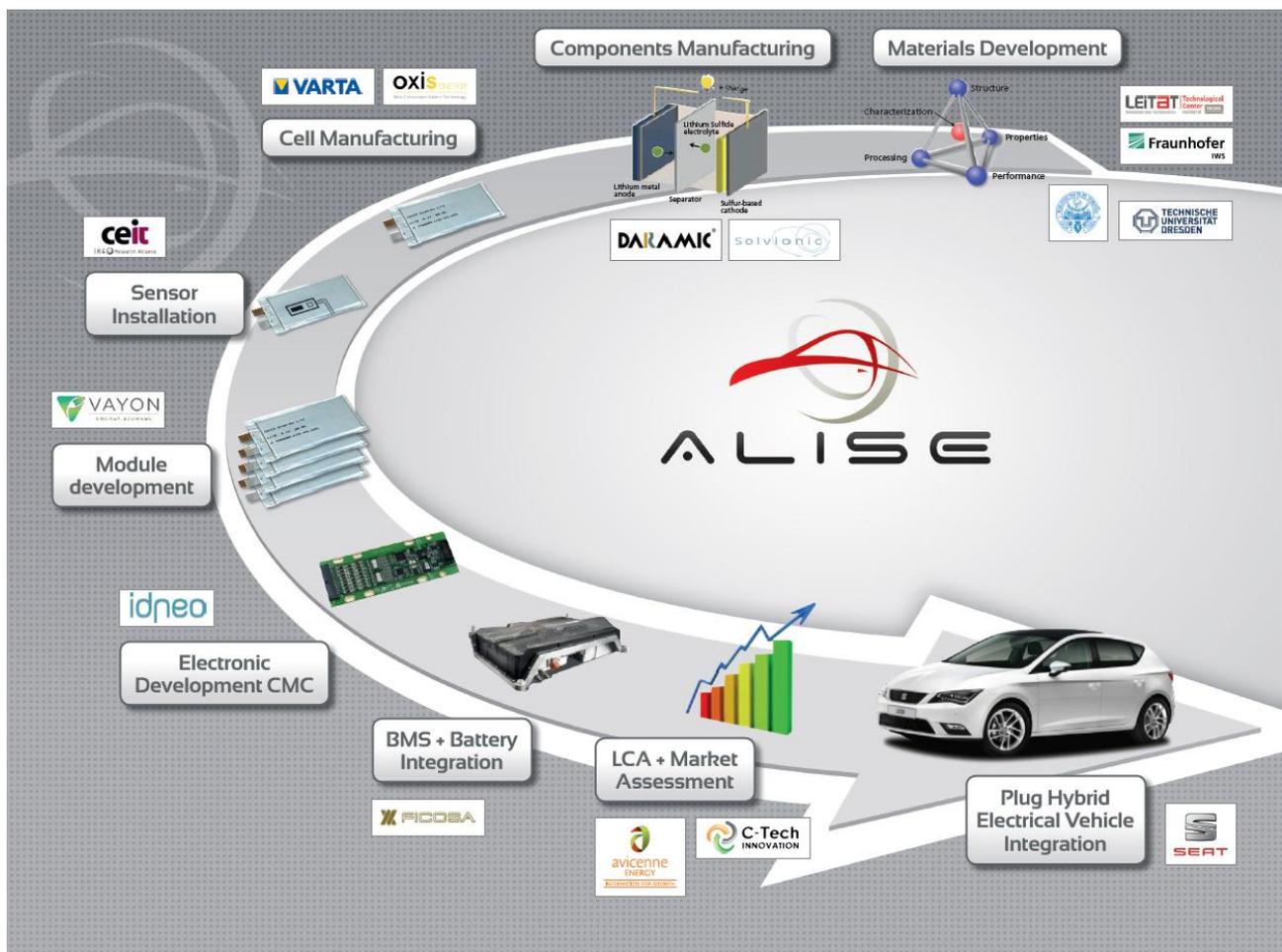


**In this Issue:**

- ALISE Project
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- Upcoming events

## Delivering Innovation to the market

ALISE Consortium is dedicated to market transfer of different devices/systems/components being developed in ALISE project along the value chain due to the commercial interest of SME/Industrial Partners.



Complete panels of specific tools and modelling associated will be developed from the unit cell to the batteries pack. Activities are focused on the elaboration of new materials and processes at TRL4. Demonstration of the lithium Sulphur technology will be until batteries pack levels with validation onboard. Validation of prototype (17 kWh) with its driving range corresponding (100 km) will be done on circuit. ALISE is more than a linear bottom-up approach from materials to cell. ALISE shows strong resources to achieve a stable unit cell, with a supplementary top-down approach from the final application to the optimization of the unit cell.

## Articles Published related to ALISE

- No article Published yet.

## Talks related to ALISE

- **LEITAT** to present at **EARPA Autumn Meetings**  
October 2015, Brussels, Belgium  
[http://members.aliseproject.com/wp-content/uploads/2015/11/ALISE\\_EARPA\\_27102015.pdf](http://members.aliseproject.com/wp-content/uploads/2015/11/ALISE_EARPA_27102015.pdf)
- **OXIS** to present at **DRESDEN Lithium Sulfur Batteries conference**  
November 2015, Dresden, Germany
- **OXIS** to present at **LiS 3M**  
February 2016, London, UK



## Workshop and Project Meeting

- **ALISE Kick-Off Meeting**, June 2015, Barcelona, Spain
- **The 4th Workshop "Lithium-Sulfur-Batteries"**, 3rd Dresden Conference "Energy in Future".  
November 10 – 11, 2015 / International Congress Center Dresden, Germany
- **ALISE M6 meeting**  
Dresden, Germany, November 2016
- **ALISE M12 meeting**  
Brussels, Belgium, May 2016

## ***Fairs, Congress and forums participation***

Poster presentation and/or Leaflet distribution

- **EARPA Autumn Meetings**  
October 2015, Brussels, Belgium
- **BATTERIES 2015**  
September 2015, Nice, France
- **Annual Low Carbon Vehicle (LCV) show**  
September 2015, Millbrook, UK
- **The 4th Workshop "Lithium-Sulfur-Batteries"**, 3rd Dresden Conference "Energy in Future".  
November 10 – 11, 2015 / International Congress Center Dresden, Germany
- **EEVC 2015**, European Battery, Hybrid and Fuel Cell Electric Vehicle Congress  
December 2015, Brussels, Belgium
- **AABC 2016 – Advanced Automotive Battery Congress**,  
January 2016, Mainz, Germany
- **Transport Research Arena (TRA) – 6<sup>th</sup> Edition**  
Warsaw, March 2016
- **The 33<sup>rd</sup> International battery Seminar & Exhibition**,  
Fort Lauderdale, Florida, US, March 2016
- **3<sup>rd</sup> Lithium Battery International Summit**  
Shenzhen, China, March 2016

## ***UPCOMING EVENTS***

- **AABC USA - Advanced Automotive Battery Congress**, Detroit, USA, June 2016,  
<http://www.advancedautobat.com/aabc-us/>
- **IMLB 2016 – International Lithium**, Chicago, US, June 2016  
<http://www.imlb.org/>
- **Developer Forum**, Gliwice, June 28-30th, 2016, [www.developer-forum-gliwice.com](http://www.developer-forum-gliwice.com)
- **ELBC 2016 – European Lead battery conference**, Malta, September 2016,  
<http://www.ila-lead.org/conferences>
- **LEVS 2016**, Barcelona, Spain, September 20-21th, 2016 - [www.levs.mobi/](http://www.levs.mobi/)
- **BATTERIES 2016**, Nice, France, September 2016, [www.batteriesevent.net](http://www.batteriesevent.net)
- **2nd Graz Battery Days**, Graz, September 27-28th,  
[www.vartamicroinnovation.com/index.php/de/main/graz-battery-days](http://www.vartamicroinnovation.com/index.php/de/main/graz-battery-days)



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**First Yearly Newsletter**  
Deliverable 7.3

**ALISE** Advanced Lithium Sulfur Battery for xEV

## ALISE in the Press

Journal or Web Site	Date	Title or Action	Web Link
Green Car Congress	19 August 2015	EU launches \$7.6M ALISE to develop Li-sulfur batteries for plug-ins; targeting stable 500 Wh/kg cell by 2019	<a href="http://www.greencarcongress.com/2015/08/20150819-alise.html">http://www.greencarcongress.com/2015/08/20150819-alise.html</a>
Oxis Website News	August 2015	Alise Project to develop Battery Technology towards 500Wh/kg by 2019	<a href="http://www.aliseproject.com/uncategorized/alise-project-in-the-news-lithium-sulfur-batteries-are-getting-attention/">http://www.aliseproject.com/uncategorized/alise-project-in-the-news-lithium-sulfur-batteries-are-getting-attention/</a>
Clean Technia	26 August 2015	ALISE — European Union Launching €7 Million Project To Bring Lithium-Sulfur Batteries To Commercial Readiness	<a href="http://cleantechnica.com/2015/08/26/alise-european-union-launching-e7-million-project-bring-lithium-sulfur-batteries-commercial-readiness/">http://cleantechnica.com/2015/08/26/alise-european-union-launching-e7-million-project-bring-lithium-sulfur-batteries-commercial-readiness/</a>
Charged - Electric Vehicles magazine	26 August 2015	European ALISE collaboration aims to commercialize lithium-sulfur batteries	<a href="https://chargedevs.com/newswire/european-alise-collaboration-aims-to-commercialize-lithium-sulfur-batteries/">https://chargedevs.com/newswire/european-alise-collaboration-aims-to-commercialize-lithium-sulfur-batteries/</a>

**For further, Information Contact the Project Coordination:**

**Newsletter Editor and Submitter:**



*For more Info about Project Updates Visit Website:*

**[www.aliseproject.com](http://www.aliseproject.com)**