

***EV Li-ion BATTERIES MANUFACTURING
A CHALLENGE FOR THE
EUROPEAN INDUSTRY***

***SAVE THE DATE
OCT. 14, 2014***



ELIBAMA

STAKEHOLDERS CONFERENCE

Newcastle upon Tyne - UK

In collaboration with



Electric Vehicles symbolize the future of sustainable road transport. Backed by government policies favouring sustainable, low or zero-emission road transport many countries around the world have set clear volume goals for the next years.

Simultaneously a global race is underway for establishing an industry for large-scale, cost-effective, and environment-friendly production of lithium-ion batteries. In this field, Europe faces strong competition from Asia and the USA where more investments and production capacities for Li-ion batteries currently exist.

Supported by the European Commission, the ELIBAMA project (European Lithium Ion Battery Advanced Manufacturing) has been set to enhance and accelerate the creation of a strong European automotive battery industry.

Structured around industrial companies already committed to mass production of Li-ion cells and batteries for EVs., the ELIBAMA project has worked during 3 years (2012-2014) in developing innovative electrodes and cells manufacturing processes to allow the production of competitively priced EVs while improving the overall safety and efficiency of the battery pack in use.



This project is granted by the European Commission under the “Nanosciences, nanotechnologies, materials & new production technologies” (NMP) Theme of the 7th Framework Programme for Research and Technological Development.

INVITATION

After 3 years of intensive work, the ELIBAMA project organizes a Conference dedicated to the Li-ion batteries manufacturing processes in order to present the concrete results obtained and to exchange with the Stakeholder communities about the future of Li-ion batteries industry in Europe.

It is our pleasure to herewith kindly invite you to the ELIBAMA Stakeholders Conference, taking place on the 14th of October 2014 in Newcastle upon Tyne (UK).

HOW CAN I PARTICIPATE?

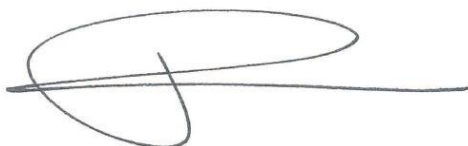
The conference is free of charge.

If you wish to accept our invitation, please register by returning the attached form to the following e-mail jerome.peyrard@renault.com until the 15th of September 2014

After the confirmation, you receive further information and program updates as they become available. A preliminary program outline of the conference accompanies this invitation. Please do not hesitate to contact us if you have any questions or comments.

We are looking forward to see you in October.

Yours faithfully, on behalf of the ELIBAMA consortium,



*Jérôme PEYRARD - Renault
(Project Coordinator)*

ELIBAMA stakeholders' conference – Provisional agenda

9:30 am *Arrival and Coffee*

9:45 am *Introduction*

- *Challenges for the European batteries manufacturing industry (European Commission)*
- *ELIBAMA project overview: from raw materials to manufacturing (J.Peyrard – Renault)*
- *A Car maker perspective (tbd)*

10:55 am *Coffee break*

11:10 am *Innovative electrode materials and manufacturing processes*

- *LiTFSI electrolytes manufacturing and recycling (Solvay)*
- *Impact of 3D structured Cu collectors on battery cell manufacturing and performance (Fraunhofer IPA)*
- *Aqueous based and solvent free electrode coatings (Daimler, Renault, Saft)*
- ...

12:30 pm *Lunch and exhibition*

01:30 pm *Innovative cells manufacturing processes*

- *Collector foils stacking and joining (Daimler)*
- *Contamination control process manufacturing for yield improvement (Entegris)*
- ...

02:45 pm *Coffee break*

03:00 pm *Eco-design tools and batteries end of life management*

- *Batteries Life Cycle Assessment (PE-INTERNATIONAL)*
- *Efficient recycling processes (CEA)*
- ...

04:25 pm *Conclusion*

04:30 pm *End of the conference*
