

Contact:

Ulla Lassi
Professor

Kokkola University Consortium Chydenius/
University of Oulu
+358 400 294 090
ulla.lassi@chydenius.fi

Lasse Jansson

R&D Director

CENTRIA University of Applied Sciences
+358 44 725 0072
lasse.jansson@centria.fi



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BATTERY MATERIALS LABORATORY - RESEARCH AND TESTING FACILITIES



BATTERY MATERIALS - RESEARCH AND TESTING FACILITIES IN KOKKOLA

Battery laboratory offers companies a unique environment for the demanding research and development of battery materials.

Laboratory enables the companies to use modern facilities, from the preparation of lithium ion battery materials to electrochemical testing of battery cells. In the battery laboratory environment, companies have strong know-how, theoretical expertise and practical support by the experts of universities.

Battery laboratory also acts as a high-quality learning environment for companies' training and development needs.



A VERSATILE ENVIRONMENT FOR BATTERY MATERIAL RESEARCH AND DEVELOPMENT

Battery laboratory environment is a dry room (dew point below -40 degree Celsius) which has excellent facilities for the preparation and characterization of battery materials. It has several reactor facilities for the preparation of active electrode materials, as well as excellent facilities for electrode coating, cell assembling and electrochemical testing of batteries.

Both pouch cells and coin cells can be prepared and tested. Cell assembling and testing procedures are modified according to the customer's needs. For example, low temperature behaviour of batteries can be tested in the controlled conditions (chamber -20 ... + 100 degree Celsius).

HIGH QUALITY ENVIRONMENT FOR RESEARCH AND DEVELOPMENT

A laboratory environment has been developed to support the research and development activities of universities and companies.

