



**Press Release**

**July 29, 2024**

**Carsurin and NBRI  
Launch the Most Comprehensive EV Battery Testing Laboratory in Indonesia**

Jakarta, Indonesia – PT Carsurin Tbk (Carsurin) and the National Battery Research Institute (NBRI) announced the inauguration of the most comprehensive electric vehicle (EV) battery testing facility in Indonesia during the opening of the International Battery Summit (IBS) 2024 held in Jakarta (29/7), opened by the Indonesian Coordinating Minister for Maritime Affairs and Investment, Luhut Binsar Panjaitan, and the Chief of Presidential Staff of the Republic of Indonesia, Jenderal TNI (Purn) Dr.Moeldoko. IBS 2024 addressed strategic issues in each link of the EV battery supply chain and deliberated both local and international solutions.

Carsurin and NBRI announced a Strategic Alliance Agreement in February 2024 that not only marks a step towards achieving Indonesia's vision to become a global center for EV battery production but also represents a model of collaboration between the private sector and research institutions in fostering innovation and sustainability.

The cooperation agreement between the two parties established an operational framework to develop and implement the most advanced and comprehensive EV battery testing facility in Indonesia. This initiative represents an important milestone in Indonesia's efforts towards sustainable mobility and technology leadership in the EV sector that meets the highest standards of safety, performance, and environmental compliance.

"The establishment of the EV battery testing facility is an important step in our journey towards a greener and more sustainable future for Indonesia. The joint laboratory facility with NBRI is a representation of Carsurin's dedication to excellence, innovation, and commitment to the welfare of our environment," said Sheila Tiwan, CEO of PT Carsurin Tbk.

The comprehensive testing services that Carsurin and NBRI bring to the market will help deliver on the mission of reducing carbon emissions and enhancing national energy security, while also positioning Indonesia as a key player in the global EV landscape.

The EV battery testing facility will provide the full suite of laboratory testing services for EV battery packs under various scenarios and conditions, in line with the associated global standard, UN 136. This includes drop tests, mechanical shock, vibration, overcharge protection, over-discharge protection, thermal shock, and thermal cycling, excessive temperature protection, external short circuit protection, and fire resistance. This initial phase of EV battery testing will prioritize two- and three-wheel vehicle transportation modes in line with the rapidly accelerating EV market in Indonesia.

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Prof. Evvy Kartini, founder of NBRI, stated: "The presence of the most sophisticated and comprehensive EV battery testing laboratory in Indonesia, which is a collaboration between NBRI and Carsurin, is proof of our vision to make Indonesia technically proficient and sustainable. By combining resources and expertise, we set new standards for testing, research, and innovation in EV batteries. This strategic collaboration is not just a laboratory service, but also symbolizes the potential and progress of Indonesia to drive global change in the EV industry. Together, we are moving towards a future where renewable energy and technology create a cleaner, more sustainable world for the coming generations."

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**About PT CARSURIN Tbk (CRSN):**

PT Carsurin Tbk (CRSN), a distinguished industry leader in the Testing, Inspection, and Certification (TIC) sector, has been at the forefront since its establishment in 1968. Committed to reducing risk across diverse spectrums—be it commercial, economic, health and safety, operational, environmental, or regulatory—CRSN operates across eight pivotal industry segments, including minerals & metals, energy, product & system certification, digital transformation, environment & sustainability, food & agriculture, infrastructure, as well as marine, offshore & insurance. In alignment with Indonesia's economic transformation strategy, the company actively seizes business opportunities related to energy transition and climate change mitigation. CRSN's unwavering credibility is emphasized by its membership in the TIC Council since 2011 and accreditation to national and international standards at the highest level. With a rich legacy of 55 years, a dedicated team of over 1.000 professionals, and a dominant presence through 20 branch offices and 17 laboratories nationwide, CRSN stands as the first TIC company listed on the Indonesia Stock Exchange, epitomizing expertise, professionalism, and a steadfast commitment to delivering tailored solutions.

**About the National Battery Research Institute (NBRI):**

NBRI is a distinguished independent institution at the forefront of electrochemical energy storage science and technology, committed to advancing research in the field. Specializing in EV battery technology, NBRI's profound insight and specialized knowledge serve as a cornerstone, making invaluable contributions to the broader initiative and the development of local resources. With an extensive network that spans both industry and government sectors, NBRI plays a central role in enhancing partnerships and establishing robust connections within the electric vehicle domain. The institution's longstanding recognition and unwavering credibility underscore its integral position, while its advanced laboratory capabilities provide a solid foundation for collaborative research and development efforts. NBRI's influential affiliations bring unique insights and industry synergies, enriching the foundation's objective to make Indonesia a self-reliant country in the energy sector and contributing to the advancement of electrochemical energy storage on a national and regional scale.

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