

**General overview of the results so far of the project GaN4AP of the European consortium for leadership in components and systems based on gallium nitride (GaN)**

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This speech will introduce the general results achieved, after two years of studies and development activities, by the European consortium of industries and research institutions that make up the GaN4Ap project. The development of new innovative power circuit and device technologies, using GaN-based devices, is crucial for the global competitiveness of EU industries.

The large market size gap between the EU and Asia can be drastically reduced if the project reaches its target. The project which will last until May 2025 promises outstanding results in the field of innovative power electronic systems for power conversion and management, at the same time the scientific community can already discuss some scientific evidences on potential use of innovative materials such as AlScN.