

AsiaBerlin Summit 2024 – JETRO satellite event on Nov. 27:

Tech Innovation Challenge with Japan

Challenges of the reverse pitch event by Japanese companies

AC Biode

Most of the waste goes to landfill or incineration. This leads to large amounts of GHG emissions which can be avoided through recycling. How can we recycle waste that is currently not recycled?

JX Advanced Metals Corporation

Digitalization of industry is growing rapidly. However, it is not easy. It faces to many obstacles such as heat management, carbon-free energy, recycling of resources. We aim to develop next generation metal material based on semiconductor or photonics or energy industry pursuing high efficiency, low-cost material or technology.

Niterra EMEA GmbH

We are looking for new business opportunities in the environmental industry, such as the safe water and air quality sector. Water industries are required to follow the new regulations for the emerging water contaminants, and air quality solution is nowadays essential to sustainable society and energy efficiency. Niterra would like to contribute to these issues by engaging and supporting startup partners with expertise in these sectors tech space.

NTT Advanced Technology Corporation

Solving economic and social issues through applications using GaN semiconductors: Gallium nitride (GaN) semiconductors are expected to be used in various fields as one of the next-generation semiconductors along with SiC, taking advantage of their high-power, high-voltage, high-frequency, and low-loss operating characteristics. GaN semiconductors have great potential to be used as electrode materials to improve the efficiency of artificial photosynthesis, as well as to save power in power supply modules, shorten charging time, and reduce the size of motors. However, at present, mobile phone chargers are mainly used in applications using GaN semiconductors, and the development and practical application of other killer applications is an issue for the future. NTT AT mainly possesses technologies in upstream processes, from the manufacture of GaN epitaxial wafers to the manufacture of semiconductor devices, but we would like to collaborate with partners who have downstream processes to commercialize them as applications. Specifically, if you have issues such as power saving and miniaturization of your own products, why don't you work to solve them using NTT AT and GaN semiconductors?

TAKENAKA Corporation

Traceability of wood and other components will become increasingly important in considering re-source recycling in the construction process. We are seeking solutions that can successfully link the circulation of building materials with people's lives and activities in buildings and cities.