



PRESS RELEASE

AD REM to build largest facility for plastic recycling in Japan

Menen - Belgium, April 16, 2019 – Group Galloo's equipment manufacturing company Ad Rem, short for Advanced Design of Recycling Machines, will be responsible for building Japan's largest plastic recycling facility. In the facility, run by a joint venture between Toyota Tsusho, Veolia Japan and Kojima Sangyo named PLANIC, 40.000 tons per year of waste plastic from various sources across Japan will be turned into new raw plastic materials.

With the new facility, PLANIC reacts to an increasing plastic pollution problem in Japan. Most of the waste plastic in Japan is now being incinerated, landfilled or sent overseas. Japan's 3R's campaign – Reduce, Reuse and Recycle – aims to turn this around and promotes more domestic plastic recycling.

Governments react to global problem

The plastic pollution problem is not just a Japanese problem. Not a day seems to go by without an article reminding us about plastics ending up in the ocean, killing wildlife and harming the environment globally. Not only has this led to an increase in public awareness, it has also prompted our leaders to take action in the hope of containing the problem. Last year, the European Commission decided 10 million tons per year of recycled plastics should be used in new products by 2025, an increase of 6 million tons from today. An estimated €6 billion in investments will be required to reach that goal. With their 3R's campaign, Japan as a major economy, is aiming to accelerate in the direction of sustainable development.

Superior technology for low cost, high quality plastic recycling

The key to obtaining more plastic recycling lies in using cheap and efficient processes to turn it into a profitable, sustainable business. With over 20 years of experience in recycling plastics from WEEE (Waste of Electrical and Electronic Equipment) and ASR (Automotive Shredder Residues), Galloo Plastics has proven to be the perfect partner for this. Licensed under the company Ad Rem, a joint venture between Group Galloo and the Valtech Group, the technology for cheap and efficient sorting of various types of plastics is readily available on the market.

The patented Galloo Plastics separation technology has already proven its worth. Galloo's recycled plastic meets all required standards as demanded by the automotive industry, automatically qualifying it for a wide array of other possible applications. More importantly, this is being achieved for a cost that is lower than that of petroleum plastic production, provided the oil price remains higher than \$60 per barrel.

PLANIC recycling plant

PLANIC's new plastic recycling facility will process about 40.000 metric tons per year of plastic material coming from various sources such as automobiles, home appliances, palettes and containers, and packaging materials from distribution centers and shopping centers. The plant will be located in Omaezaki City, Shizuoka Prefecture and will be fully operational by mid-2021.

Future development

After 20 years of in-house recycling, and Ad Rem having built multiple other plastic processing facilities around Europe, the Galloo-PLANIC deal in Japan further solidifies the maturity of the plastic recycling industries. As climate change and plastic pollution has received increasing public attention, consumers are starting to demand more sustainable corporate practices. This consumer demand can now be met as new investments are being backed up by qualified processes. With their new plastic recycling facility, the Toyota group will be one of the pioneers of the global transition to sustainability.

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About Ad Rem

Ad Rem NV is a Belgian equipment manufacturer which was founded as a joint-venture between machine building group Valtech and recycler Galloo. Active since 2008, the company is a supplier of innovative machines for feeding, treating and separating waste materials.

About Galloo Plastics

Galloo Plastics is based in Halluin, France and part of the Galloo Group. The company recycles about 50.000 tons per year of plastics and holds the patents to the affiliated separation technology.

For more info, please contact:

Jelle Saint-Germain, Ad Rem nv, Sales, +32 56 521 386
E: jelle@adrecyclingmachines.com

Brian Noppe, Ad Rem nv, General Manager, +32 56 521 134
E: brian@adrecyclingmachines.com