

Press Release - 20.10.2016

KWS, WAVIN AND TOTAL SIGN A COOPERATION AGREEMENT TO DEVELOP THE PLASTICROAD

VolkerWessels subsidiary KWS, Wavin and Total announced an agreement to develop the PlasticRoad, a unique concept to build plastic roads as a sustainable alternative to traditional asphalt roads.

The PlasticRoad concept, first introduced in 2015 by KWS, entails recycling plastic waste into lightweight modules with hollow interiors that can be fitted with cables and plastic pipes and allow excess water to drain. The pre-fabricated units will be easy to transport, assemble and maintain, and the lighter weight means the ground will be less prone to subsidence. The objective is to create a road with a smaller ecological footprint than traditional road systems. When the elements reach their end of life expectancy they can be recycled again, contributing to a circular economy and cleaner environment.

Anne Koudstaal and Simon Jorritsma, the inventors of PlasticRoad, stated: "Together with Wavin and Total, we now have a vast pool of knowledge, experience and resources, and can take concrete steps in the development of PlasticRoad. We expect to have a first prototype completed by year-end 2017."

KWS Director, Rolf Mars, added: "Wavin and Total believe in the PlasticRoad concept and I have every confidence in a constructive and successful collaboration."

Jan Willem Viets, Director of Wavin Nederland, explained: "Being part of the development of PlasticRoad fits in the strategy of Wavin to provide innovative plastic solutions for the building industry. This is a great chance to develop a new way of road building together with other market leaders in this business."

Xavier Bontemps, Senior Vice President for Total's Polymers Business Unit, declared: "We are delighted to be working on this promising flagship project and to share our expertise in polymer solutions and recycling processes. This agreement is aligned with our commitment to using renewable and recycled sources and reducing the carbon footprint for the markets we serve."

About KWS

KWS, a subsidiary of VolkerWessels, is the market leader in road construction and the production of asphalt in the Netherlands. As an all-round contractor, KWS performs the construction of large, complicated and multidisciplinary (infrastructural) projects as well as small projects for local governments and private individuals.

About Wavin

Wavin is Europe's innovative leading supplier of plastic pipe solutions for reliable distribution of gas and water, management of foul and rain water and efficient heating and cooling of buildings. They are a subsidiary of Mexichem, the global leader in plastic pipe systems and the chemical and petrochemical industries in Latin America. Wavin's mission is to generate continuous value for their employees, customers, partners, and shareholders, and they aim to be the supplier of choice with a complete, competitive, innovative and sustainable portfolio.

About Total

Total is a global integrated energy producer and provider, a leading international oil and gas company and the world's second-ranked solar energy operator with SunPower. Its activities span oil and gas production, refining, petrochemicals and marketing. In the field of polymers, Total combines key areas of expertise in catalysis, processes and products to provide high performance and durable solutions for its customers. Total supports initiatives that reduce its carbon footprint including the use and development of renewable biosourced and recycled feedstocks, in line with its commitment to better energy.

More information

For more information, the PlasticRoad video and images: www.plasticroad.eu

For interview requests of other enquiries, please contact:

Havana Orange

Rick van de Weg

+31 6 557 202 91

rwg@havanaorange.nl