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Vinci Construction France, Paprec Recyclage, Raboni

Press Release

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**The Seine to be used to transport and recycle waste
from La Samaritaine's construction site**

VINCI Construction France has chosen the fluvial solution of Paprec Recyclage and CRH-Raboni to transport waste¹ from the La Samaritaine site. The use of barges to manage excavated material aims to limit road traffic and reduce the distance covered by trucks by 3.5 times. This river solution is just part of the strong environmental approach of La Samaritaine's refurbishment project.

With 36 months of work, 70,000 m² of surface area and up to 1,300 workers on site at the peak work period, the restoration of La Samaritaine represents "the largest construction site of a historical monument in the heart of Paris in the last 20 years," according to Marie-Line Antonios, General Manager of La Samaritaine.

This iconic project will require the removal of about 110,000 m³ of waste (rubble, scrap metal, wood, cardboard, miscellaneous plastics, etc.) from the centre of Paris to recycling centres.

VINCI Construction France, the project's general contractor through its subsidiary PETIT, is closely following the strict requirements set out in the charter named "Chantiers à faible nuisance", or "low-impact sites", signed by the Municipality of the 1st Arrondissement of Paris and the client, their environmental committee and the general contractor. La Samaritaine's team is aiming for environmental excellence, including the HQE®, LEED® and BREEAM® certifications, as well as the "Patrimoine Habitat et Environnement", or Housing and Environment Heritage, for project housing.

Strong environmental involvement is key for VINCI Construction France, which is committed to minimising the impact of its activities on the environment wherever the company operates. "For this project in the heart of the capital, one of the logistical challenges is the dense urban environment. Our desire to use the river means that greenhouse gas emissions and congestion on Parisian roads can be reduced, while guaranteeing waste disposal efficiency," says Manuel Estèves, Vice President of VINCI Construction France.

"The approach is part of VINCI Construction France's policy to comply with the ten criteria

of our Attitude Environment certification for all our projects," continues Estèves.

The site is also committed to ensuring significant recycling of the waste. "In the context of the environmental objectives related to the certification, waste recovery on the entire site must be at least 75%. We are already beyond this figure, and are aiming for 85% ", reveals Erwan Le Meur, Deputy General Manager of Paprec Recyclage, in charge of Paprec Chantiers construction site activities.

"In order to offer VINCI Construction France a solution nearby that limits lorry travelling times, Paprec Recyclage proposes using our Ivry-Sur-Seine location to send mixed waste by barge to the recycling plant in Gennevilliers, " says Alain Renard, General Manager of CRH - Raboni Île-de-France. "This solution shows that our locations along the Seine are essential for the development of river transport in central Paris".

The Paprec barge can carry up to 300 tons of waste, the equivalent of 60 lorries. Using the barge between Ivry-sur-Seine and Gennevilliers also involves five times less CO2 emissions than road transport, and reduces the impact on traffic in the Paris region at the same time. By the end of the construction work, almost 35% of the waste from the La Samaritaine site will have been transported via the Seine.

"At present, one third of the waste from Île-de-France sites reaching Gennevilliers already goes by river, and we want to develop this solution in order to reach 50% by 2020," adds Erwan Le Meur.

Solution in action : The waste travels 6.2km by lorry from the La Samaritaine site to the CRH-Raboni plant at Ivry-sur-Seine, then a further 38 km by barge between Ivry-sur-Seine and the Paprec Recyclage plant in Gennevilliers. This replaces a 22.4 km trip by road between the La Samaritaine site and the Gennevilliers recycling plant.

¹DIB waste (Dechets Industriels Banals, or normal construction site waste)

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About VINCI Construction France

VINCI Construction France, a subsidiary of the VINCI Group and the leading public works construction company, provides public contractors and private operators with its know-how in general contracting and assembly, local and global operations, the resources of nearly 400 agencies spread throughout the world, and the professionalism of over 21,000 employees to

design, finance, implement and operate any type of construction project. VINCI Construction France is active in all sectors of the building, civil engineering, hydraulic and speciality trades.

About Paprec Group

The Paprec Group was founded by Jean-Luc Petithuguenin, who has led the company since its establishment. Paprec Group is a leading specialist in recycling, and in less than 25 years, the company has grown from 45 to 4,500 employees spread over nearly 110 sites in France and Switzerland. In 2015, Paprec Group generated a turnover of €900 million with more than six million tons of waste collected and recycled. As the leading independent recycling company in France, present in all sectors, the group dominates in recycling building waste with its subsidiary Paprec Chantiers. Paprec has two centres in the Île-de-France exclusively dedicated to site waste: Gennevilliers (92) and Wissous (91), with both possessing the most efficient sorting facilities in the region.

About CRH-RABONI

RABONI is a builders' merchant founded in 1945 by Louis Raboni. It employs 620 people in its 42 branches located in Île-de-France and in Normandy. In 2015, RABONI generated a turnover of €172 million. RABONI is a brand of CRH France Distribution Group, integrated in 1998. This company is a subsidiary of the Irish group CRH PLC (Cement & Roadstone Holding) which is one of the top four suppliers of building materials in the world. Since 1953, RABONI has been committed to protecting the environment by developing a network of branches along the Seine. These centres facilitate the transport of building materials by river, thus reducing road journeys by lorry. In 2004, RABONI and Paprec launched a partnership for the collection and recovery of construction site waste.