Press Release

Two-fold success as Eiffage scoops prizes in French road and street innovation committee contest and TP 2015 awards

At a contest held by the French road and street innovation committee, Eiffage Route and Eiffage Génie Civil won prizes which were presented by Ségolène Royal - France’s Minister for Ecology, Sustainable Development and Energy, and Alain Vidalies - Secretary of State for Transport, Sea and Fisheries. This committee which aims to promote innovative projects developed by the French road-building industry spotlighted two Eiffage projects among nine winning submissions: Recyclean® (in-situ treatment of contaminated road surfaces with a wet protection system) and R6Pont® (seismic reinforcement of bridges by encasing piers with ultra-high-performance fibre-reinforced concrete).

The Recyclean® process also won an award on October 12 at the 2015 TP public works trophy competition jointly organised by Le Moniteur newspaper and the French national public works federation (FNTP) which rewards best practices and innovations from players in the public works industry.

Design by Eiffage Route, Recyclean® is a wet-protection encapsulation process used for the in-situ treatment of road surfaces containing significant amounts of polycyclic aromatic hydrocarbons (PAHs). This is achieved using special machines – the ARC® road surface treatment unit and the ARM® mobile treatment unit – developed by Eiffage. These machines are specifically designed to protect personnel and nearby residents while the work is in progress.

This process was selected by the Road and Street Innovation Committee for a trial entitled "Construction and maintenance of road and street assets – Recycling and treatment techniques offering a better performance guarantee, allowing the re-use of hazardous substances present in road surfaces and reducing dust emissions". The process covers every aspect of that trial. Recyclean® also provides a real, effective solution to problems related to traffic and the disposal of PAH contaminated waste. Its basic principle helps conserve natural resources (by promoting re-use instead of using new aggregates).
R6Pont® was developed by Eiffage Génie Civil. It offers a new technique for the reinforcement of bridge piers by encasing them with BSI®, an ultra-high-performance fibre-reinforced concrete developed by Eiffage, to cover critical plastic hinge zones.

Against the background of a recent survey which has identified a higher seismic risk level than previously thought for France, the R6Pont process will – thanks to the trial launched by the Road and Street Innovation Committee on the subject of "Preserving and modernising existing engineering structures - Innovation reinforcing techniques" – now be able to demonstrate its technical and economic usefulness and offer road-building project managers an aseismic reinforcement process supplementing the conventional approach based on composite materials.

Cerema, the French centre for studies and expertise on risks, the environment, mobility, and regional development will now recommend guidelines for Recyclean® and R6Pont® trials. These guidelines will specify the methods of organising, managing and monitoring the trials in order to confirm the usefulness and efficiency of these innovations.

About Eiffage
Eiffage is a one of Europe's leading construction and concessions companies. The Group's activities are organised as seven business lines: construction, real estate, roads, civil engineering, metal, energy and concessions. Thanks to the experience of more than 66,000 employees, Eiffage generated revenues of €14 billion in 2014, including 16% outside France.

About the Infrastructures division
With more than 23,000 employees and revenues of more than €4 billion in 2014, the Infrastructures division incorporates the full range of skills required to design and construct onshore and offshore infrastructure, from laying foundations to installing equipment. Backed by their expertise in the design and erection of building shells and metal structures, its teams provide multitropical solutions in every industrial sector.

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