

NEWS

Three innovation and sustainability awards at once for Implenia in Germany – “German Sustainability Award” and “German Raw Material Efficiency Award” for a new carbon concrete composite | “STUVA Prize” for innovations in underground construction for Wehrhahn Line in Düsseldorf

Dietlikon, 14 December 2015 – Implenia recently received three prestigious awards at once in Germany. They represent the company's commitment to sustainability and innovation. Germany's biggest construction research project “C³ - Carbon Concrete Composite” recently won the **German Sustainability Award 2015** in the category of research. Initiated by the Federal Ministry of Education and Research, the award singles out a method of construction that conserves resources with a goal of reducing material by 50% and replacing about 20% of reinforced concrete with carbon concrete over the next decade. The ambitious C³ Project won out over 86 other submissions to the competition. Carbon concrete, a composite of carbon fibres and high-performance concrete, opens up new possibilities for sustainable, flexible and longer-lasting construction as well as a new formal language in architecture and urban planning. More than 130 partners from research, business and associations are involved in the major project. Implenia is among them with its units Materials Engineering and Maintenance. Implenia is focusing on improving the new composite, developing basic design principles and identifying potential applications. The C³ Project was also honoured with the **German Raw Material Efficiency Award 2015** of the Federal Ministry for Economic Affairs and Energy. This award is given to outstanding examples of the intelligent use of materials.

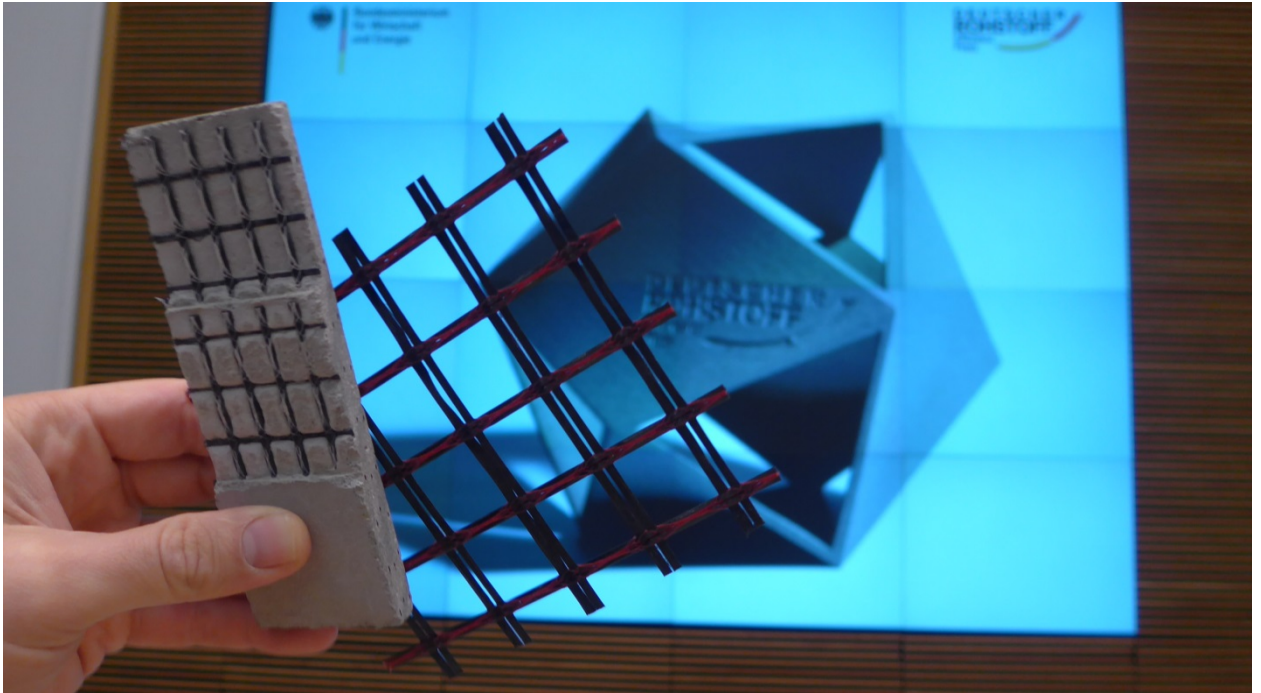
The STUVA Conference is the major international gathering for tunnel builders staged by STUVA (Research Association for Underground Transportation Facilities). This year it honoured the “Wehrhahn Line Düsseldorf” construction project with the **STUVA Award 2015** for outstanding achievements and innovations in underground construction. The new 3.4 kilometre long underground rail line expands local public transport in this city on the Rhine River. STUVA gave the following reasons for singling out this project: “The excellent project stands not only for numerous technical innovations – from structural engineering to safety and monitoring technology – but also for highly complex construction work on the intra-urban underground rail line and the city's light rail system that was completed without major incidents despite extremely difficult conditions. Implenia played an instrumental part in the successful execution of the project as general contractor for the expanded structural work on contract section 1.

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Carbon concrete composite, a composite of carbon fibres and high-performance concrete, opens new possibilities in construction and in architecture. Implenia is working within the award-winning C³ Consortium on improving the new composite, developing basic design principles and identifying potential applications. (Picture: C³- Carbon Concrete Composite e.V.)



Wehrhahn Line Düsseldorf: This new 3.4 kilometre long underground rail line is expanding local public transport in this city on the Rhine River. Implenia played an instrumental part in the project as general contractor for the expanded structural work on contract section 1. (Picture : Bernd Schumacher).

Implenia is Switzerland's leading construction and construction services company and has a strong position in the German, Austrian and Scandinavian infrastructure markets. Founded in 2006, Implenia looks back on a 150-year tradition in the building industry. It brings expertise from highly qualified sectoral and regional units under a single roof to create a company that conducts business throughout Europe. With its integrated business model and specialists operating in all areas of the building sector, the Group is able to manage a building project through its entire life cycle and deliver work that is economical, integrated and customer-centric. The focus is on striking a sustainable balance between financial success and social and environmental responsibility.

Implenia has its head office in Dietlikon near Zurich, employs about 8,500 people and generated pro forma revenues of around CHF 3.6 billion in 2014 (including the former Bilfinger Construction). The company is listed on the SIX Swiss Exchange (IMPN, CH0023868554). Further information at www.implenia.com.