



Concrete moves...



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Concrete contribution to
a changing world

ERMCO
EUROPEAN READY MIXED CONCRETE ORGANIZATION

INNOVATION AND TRENDS IN READY MIXED CONCRETE PRODUCTION

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Abstract

Innovation in the ready-mix concrete industry has focused in the 1960-2001, above all on the product mix design, on the evolution of the component materials, on the automation of the production process and on quality control. The repositioning of industry is therefore a necessity. After the evolution of materials, technology and process, today we have to think in different terms: thanks to the crisis we realized that, in addition to providing a sophisticated material, the concrete producer provides above all a "service" to the construction industry, of which it is in fact the main partner for the realization of simple and complex works.

From the point of view of the legislator, moreover, the aim was to introduce the concept of "sustainability" in the construction sector through the so-called "circular economy". This entails an increasing attention within the limits of the quantities actually available, of recycled materials and the elimination of all waste, including the management phases, with the search for the containment of energy consumption and above all to the "end of life" of the structures.

Keywords: innovation, digitalization, logistics.