



Concrete moves...



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Concrete contribution to
a changing world

ERMCO
EUROPEAN READY MIXED CONCRETE ORGANIZATION

SIMSALABIM - HARD CONCRETE MADE EASY

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Abstract

During the past two decades, 3D-models and BIM (Building Information Modelling) have increasingly been used as the basis of structural design and visualization for concrete structures, while the construction process was based on information and geometry placed on 2D drawings derived from these models.

However, from 2015 onward Norconsult has spearheaded the use of a fully integrated BIM approach and has participated in several projects where the construction process has been carried out completely or partially without the use of drawings. This enables a direct leap from the BIM model(s) to construction of elements on site.

The methods used offered several benefits for both client and contractor. Among others: cost reduction, ease of cost quantification and scheduling, reduction of errors, clash control, optimization, construction of complex geometry, planning and coordination.

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