

# World Congress and Expo on Recycling

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## Gypsum to Gypsum (GtoG): The European life project that aims to transform the gypsum waste market

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The GtoG project is working for creating a recycling culture of gypsum products, changing the way this waste is usually treated in construction, renovation and demolition works, with the aim of achieving higher gypsum recycling rates in Europe and promoting selective deconstruction practices. For this purpose, five demolition companies, one demolition consultant, two gypsum waste processors, five plasterboard manufacturers and three academic partners, led by Euro gypsum (the European association of plaster and plasterboard manufacturers), are working together in this large consortium with representation in 7 European countries. A preliminary study on current practices was completed in 2013 and in 2014 the demonstration activities on deconstruction, processing of gypsum waste and reincorporation of recycled gypsum were conducted. During 2015 different results will be delivered, such as a European Handbook of best practices for controlled deconstruction of gypsum systems and the carbon footprint assessment comparing the recycling route versus land filling. The final results will include a report on best practices and the roadmap for the future implementation of a sustainable value chain.

### Biography

Ana de Guzman Baez is an architect and holds a master degree in Bioclimatic Architecture and Environment as well as a master degree in Techniques and Systems in Buildings. Since 2009, she is member of the research group Sustainability in Construction and Industry from the Technical University of Madrid (giSCI-UPM). She has participated in the definition and development of several RTD projects and she is currently working on her PhD Thesis, within the topic Construction and Demolition Waste Management and Recycling.

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