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# GtoG Highlights

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## Editorial



After the first six months of intensive work, **the project is now on track**. The University Polytechnic of Madrid in cooperation with Recovering launched the value chain analysis in terms of deconstruction methodologies, economics and recycling. Eurogypsum led the implementation of the management and the dissemination / communication activities.

In The upcoming 2 months, the A1 report will be consolidated, peer-reviewed and sent to the Commission at the end of September 2013, with the inception report.

After the summer break, the GtoG project activities will continue with new impetus. Indeed, the core actions of the project (deconstruction pilot sites, processing of gypsum based waste and re-incorporation into the manufacturing process) will begin. In October 2013, the European Parliament Gypsum Forum will give us the opportunity to present the first results of the project.

In view of this extensive agenda, the continuous collaborative work among partners is essential for achieving our ambitious goals.

I wish to all of you an excellent summertime!

**M Pichon**  
President of the Steering Committee



## Technical aspects of the project

### The value chain analysis in terms of deconstruction methodologies, economics and recycling

The 17 partners have been actively working on the first action of the GtoG project giving qualitative contributions to the content of the A1 report: Inventory on current practices of deconstruction, recycling and manufacturing processes over the 8 pre-selected countries: Germany, France, Spain, Poland, Belgium, The Netherlands, Greece and the UK.

The methodology is based on:

- Analysis of existing literature
- Regulatory and non-regulatory requirements
- Results of questionnaires on demolition, recycling and manufacturing practices
- Analysis by the 5 manufacturers partners of the current practices of re-incorporation of recycled gypsum waste into the manufacturing process

#### Deconstruction current practices, sub-action coordinator: Recovering

On the 14<sup>th</sup> June 2013, Recovering sent to partners the final draft report on deconstruction current practices for consideration in the steering committee of 18 June 2013. The report is divided in three parts as follows:

- The legislation related to Gypsum Based Waste (GBW) management with the analysis of the national regulation specific to GBW and the national general regulation impacting GBW;
- The Identification of the main stakeholders involved in a demolition or refurbishment project and an analysis of their respective roles and their weight of their decision in the management of waste;
- The assessment of the deconstruction and GBW management practices enhanced by an economic modeling of a refurbishment operation.

This survey is based on existing literature and questionnaires sent to demolition companies, project owners, project managers, architects and consultants.

The answered received so far:

Country	No of answers / demolition companies	No of answers / project owners, project managers, architects & consultant
UK	5	0
France	11	8
Spain	4	5
Belgium	4	3
The Netherlands	1	0
Poland	1	0
Greece	7	9
Germany	3*	5*

A total of **57 answers** or 33 more than the 1<sup>st</sup> quarter; plus 8\* potential answers from Germany.

Additional information is required for Poland.

Currently Recovering continues to develop its report by receiving the last answers to questionnaires.

#### Recycling and Manufacturing current practices, sub-action coordinator: UPM

On 14 June 2013, UPM sent to partners the final draft report on current recycling and manufacturing practices, for consideration in the steering committee of 18 June 2013.

The final draft report included an analysis from UPM of confidential data received by them from the manufacturer regarding their current practices in re-incorporation of the recycled gypsum into the manufacturing process. The final draft also took into account the contribution made by Eurogypsum on 24 May 2013 on the regulatory and non-regulatory environment for gypsum recycling, barrier and drivers, market analysis of the gypsum industry, collection schemes of construction gypsum waste.

The Steering Committee decided to create an internal peer-review committee for the whole Action A1, composed of the following



organizations: Eurogypsum, Saint-Gobain, Siniat, KnaufKG and Recovering.

On the 3<sup>rd</sup> July, this small group of experts met in Paris to propose to UPM a structure for the complete report i.e. the consolidation of the deconstruction current practices and recycling and manufacturing current practices. The peer-review committee made remarks and comments on the content of the report and list additional research work that need to be undertaken.

## Towards the consolidation of A1 Report

As leader of the Action A1, the consolidation of the A1 Report is carried out by UPM.

On the 17<sup>th</sup> July, UPM carried out its 1<sup>st</sup> consolidated draft report. **All the partners are invited to send their feedbacks to UPM by the 15<sup>th</sup> August.**

The schedule below presents the upcoming deadlines:

17/07	<b>First Consolidated A1 draft report</b>
17/07 15/08	Consultation period (partners of the consortium, Eurogypsum WG Recycle)
16/08 1/09	Consolidation of all the comments to A1 draft report by UPM
2/09	<b>A1 Final draft report</b> sent to partners & peer review committee
2/09 13/09	Comments by partners and peer review committee
16/09 20/09	Consolidation of the comments to A1 final draft report
23/09	<b>A1 Report</b> sent to Steering Committee for approval
25/09	Approval by Steering Committee
After 25/09	Printing time

## Coordination of the core Actions

The pilot phase over the value chain will run during two years. It will start in November 2013 with five deconstruction pilot projects (Action B1), followed by the processing of the demolition waste and its valorization and specification by the recyclers (Action B2) and

thereafter the re-incorporation in the manufacturing process (Action B3).

The first sub-action B1.1 named "Auditing of building" has already started in May 2013. The following partners: Cantillon, KS Engineering, Occamat, Pinault Gapaix and Recycling Assistance will provide audits (prior to deconstruction) also called "previous assessment" of their own country and proceed to analysis which will lead to define recommendations for the realization of high quality audits.

The National Technical University of Athens (NTUA) is the neutral party for Action B3, in order to lead the technical survey and will collaborate with UPM for the carbon footprint assessment.

## General coordination of the project

### The GtoG legal documents

The 16 partnership agreements and the Consortium agreement were signed by all the partners. Those documents will be submitted to the Commission in September 2013 (with the Inception Report).

### Tools for the project governance

In May 2013, the following document were completed

- The Project management and Quality guidelines,
- the financial guide
- the Dissemination and Communication Plan

Those documents were approved by the Steering Committee for their submission to the Commission on 27 September 2013.

The partners of the project are responsible for reading, understanding and complying with the provisions in those documents.



## Reporting

Eurogypsum will submit the inception report to the Commission and to Astrale on 27 September 2013 at the latest. It will cover the period of the 1<sup>st</sup> semester 2013 dealing with both technical and financial progress of the project. **A first draft will be sent to partners the 13<sup>th</sup> August 2013 for comments by 6<sup>th</sup> September 2013.**

For the next progress report news, Eurogypsum will ask the contribution of

- Recovering
- GRI
- Knauf

**The deadline for contribution is 10 October 2013.**

2. The leaflet of the project (in 3 languages; English, German and French). For hard copies, please contact Pauline Chancellée, the project Manager



## Communication and Dissemination

### GtoG communication tools

The partners led by the GtoG project developed:

1. The poster of the project (English)



3. The website and the Intranet of the project are under development and will be ready by the end of July 2013.

4. A Prezi presentation designed by Cabinet DN is available [here](#).

5. The banners are being printed.

6. The GtoG corporate visual identity report was sent to partners on.... July 2013 for comments by 30<sup>th</sup> August. This report presents also the different template to be used by partners during the project (agenda, minutes, reports, ...)

### GtoG partner's corner

The project was presented by the partners at the following events:

1. 16 March 2013: National German Demolition Annual Congress - 200 participants (KnaufKG)
2. 31 May 2013: [Les rencontres des métiers du SNED](#) - 200 participants (Occamat)
3. 23-25 May 2013: 9th PanHellenic Congress on Chemical Engineering - 300 participants (NTUA)
4. 26 April 2013: [Forum on Sciences and Technology of Materials](#), MaterialsWeek, CEI Campus Mondoa (UPM).



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5. 20 June 2013: [European Demolition Association Annual Convention](#) – 200 participants (Recovering)



6. 26-28 June 2013: [Sustainable Building and Refurbishment for next generations](#) (UPM)
7. 28-29 June 2013: Demolition Expo 2013 (Cantillon)

#### **Publications:**

Siniat France published a press release to announce its participation to the GtoG project.

**GtoG forthcoming events:  
save the date!**

### **European Parliament Gypsum Forum – 16 October 2013, Brussels**

The Forum, chaired by MEP Jean-Paul Gauzès, EPP France, is entitled “Megatrends in construction: the three R’s: Renovation, Resource Efficiency and Recycling”. The programme can be seen [here](#).

Jean-Yves Burgy (Recovering) and Justo Garcia Navarro will share a speech on the first results of the GtoG project. The Prezi presentation will be shown to open the Recycling session.

All the partners are more than welcomed to attend this conference. Please spread the word!

### **GtoG internal meetings**

- Pre-meeting of the industrial partners – 24 September, action B3 16h – 19h30, Brussels
- Steering Committee meeting – 22 January 2014, Brussels