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GtoG Highlight

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Editorial

We are very close to the end of the GtoG project, as we only miss six months before its official closure.

The most important achievement of the last three months has been the full analysis of the recycling and reincorporation pilot projects. The submission of these actions deliverables, planned for the 30th July 2015, will mark the end of all the project implementation actions, after the termination of the deconstruction action happened in March 2015.

This means that we will have at our disposal the full set of the technical developments for the entire value chain, deconstruction, recycling and reincorporation.

All these important results will be discussed at the GtoG Final Conference, to be held on 17th November 2015 in Brussels at the European Parliament! The final version of the agenda includes speakers and participants covering all the stakeholders interested in the circular economy, from all the GtoG partners to all the organisations met by Eurogypsum during the entire project duration, from deputies of the European Parliament to officials of the European Commission.

Hoping to see you all at the GtoG final conference, I thank you for the efforts in making the GtoG dream becoming a reality!



Thierry Pichon - SC President



Technical aspects of the project

Action A1: Value chain analysis in terms of deconstruction methodologies, economics of logistics and recycling

Based on the output of Actions B and C, the already defined technical-economic-legislative and environmental parameters have been updated, and the economics from deconstruction to recycling assessed. The general action plan foresees the submission of the DA2 deliverable (*Report: Inventory of best practices*), planned for December 2015 following the results of the pilot trials (deconstruction, recycling and reincorporation). During the last action meeting, held in Brussels on 21st April 2015, UPM, the action leader, presented the potential structure of the deliverable. The next coordination meeting will be held on 26th October 2015 in Madrid, Spain.

Action B1: Eco-efficiency of deconstruction/segregation: technical, economic and market feasibility

With the finalisation and submission of the two action deliverables (*DB1: European handbook on best practices for controlled deconstruction of drywall systems in demolition/refurbishment sites as a basis for a new European standard on deconstruction of lightweight systems* and *DB2: European manual for best practices in audit prior to deconstruction of buildings*) the action has been officially closed.

The press release informing on the deliverables submission, along with the possibility of downloading it, is available by clicking on the following links:

- GtoG website: <http://gypsumtogypsum.org/news/launch-of-the-b1-action-deliverables/>
- Recovering (B1 action leader) website: <http://recovering.fr/>
- LIFE website news: <http://ec.europa.eu/environment/life/news/newsarchive2015/april/index.htm#gypsum>

Action B2: Valorization of deconstruction waste

The tests on the conventional and recycled gypsum powder used in the GtoG pilot projects (deconstruction, recycling and reincorporation) have been concluded and the full table including all the results will be part of the B3 action deliverable (*DB4: Report, production process parameters*). Almost all the tests have been performed by Loemco using the VGB method considering both technical and chemical parameters. However, few parameters have been tested by other laboratories (namely, the Laboratory for Gamma-ray Spectrometry for radioactivity, the INTEMAC laboratory for the TOC analysis and the SGS Institute Fresenius GmbH for mercury), as Loemco did not have the equipment to verify these specific values.

In the meantime, the structure and the content of the final draft of the two action deliverables (*DB3: Guidance document with criteria for acceptance of secondary gypsum for recycling* and *DC2: Report, specifications of recycled gypsum for obtaining end-of-waste status*) have been discussed during the last action meetings, held in Brussels on 21st April and 24th June 2015. Both deliverables need only to be fine-tuned and will be available for the submission on 30th July 2015.

Action B3: Towards sustainable lightweight systems

The final draft of the B3 Action deliverable (*DB4: Report, production process parameters*) has been presented during the last Steering Committee meeting, held in Brussels on 25th June 2015. The table below presents the final calendar for the submission of the deliverable:

NTUA send DB4 to UPM (peer reviewer)	22 June 2015
UPM sends the DB4 back to NTUA	29 June 2015
Submission of the final draft of the DB4 to all the partners	10 July 2015
Comments from all partners	24 July 2015
Final submission	31 July 2015



Action C1: Monitoring of impact in the value chain

This action is divided in four sub-actions:

- 1) Sub-action C1.1: Definition of Best Practice indicators.** Concerning this sub-action, the final draft of the DC1 deliverable (Report: best practice indicators for deconstruction, decontamination, characterization and recycling practices) has been presented during the last Steering Committee meeting, held in Brussels on 25th June 2015.

The table below presents the final calendar for the submission of the deliverable:

UPM send DC1 to NTUA (peer reviewer)	30 June 2015
NTUA sends the DC1 back to UPM	10 July 2015
UPM sends the final draft to all partners	15 July 2015
Comments from all partners	22 July 2015
Submission of the DC1	29 July 2015

Moreover, the impact of recycling versus landfilling on the plasterboard value chain is being updated and results will form part of DA.2 deliverable.

- 2) Sub-action C1.2: Monitoring of deconstruction and processing practices.** Part of this action has been already finalised with the completion of the deconstruction pilot tests and the submission of the B1 action deliverables. This action has continued by contributing to the refinement of the indicators produced by UPM in the context of the C1.1 sub-action (please see point 1 above).
- 3) Sub-action C1.3: Monitoring of manufacturing practices.** Part of this action has been already finalised with the completion of the reincorporation

pilot tests and the submission of the B3 action deliverable. This action has continued by contributing to the refinement of the indicators produced by UPM in the context of the C1.1 sub-action (please see point 1 above).

- 4) Sub-action C1.4: Road map and proposal of procedures for the implementation of a sustainable value chain.** Eurogypsum has consolidated the comments to the second draft of the roadmap received by all the partners until the 4th May 2015. In parallel, a sub-action meeting has been also organised on 24th June 2015 in Brussels. During the meeting, the partners have reviewed some comments together and discussed what kind of recommendations to include in the document.

In any case, Eurogypsum asked to Neemo (the GtoG managing authority) to postpone the delivery of this deliverable. The reason is that it has been considered wiser to write the recommendations for a sustainable value chain (the core of the document) by also looking at the conclusions to be included in the best practice report (DA2), scheduled for December 2015 (end of the project). This should increase the coherence of the recommendations.

Communication and Dissemination

The GtoG Final Conference

The GtoG final conference will take place on 17th November 2015 in Brussels, Belgium. The event will be held at the European Parliament and will be chaired by Mrs. Julie Girling, Member of the European Parliament and President of the European Gypsum Forum. The final version of the agenda has been already drafted and includes speakers and participants covering all the stakeholders interested in the circular economy, from all the GtoG partners to all the organisations met by Eurogypsum during the entire project duration, from deputies of the European Parliament to officials of the European Commission.



The GtoG seminars

Presentations of the GtoG project at national level were foreseen through seminars organised in cooperation with national Gypsum Association and/or the GtoG partners. This activity is now terminated as all the Seminars took place. The final calendar of these seminars is presented below:

Organisation	Partner	Location and date
SG Gyproc	SG Gyproc and Eurogypsum	Kallo, Belgium (3/3/2015)
SNIP (Gypsum French Association)	Eurogypsum, Recovering, Siniat FR, SG Placoplatre, Occamat	Paris, France (24/6/2015)
BV Gips	Knauf, Eurogypsum	Berlin, Germany (7/10/2014)
NTUA	NTUA, Eurogypsum	Athens, Greece (14/5/2015)
ATEDY (Gypsum Spanish Association)	UPM, LOEMCO, Eurogypsum	Madrid, Spain (17/4/2015)
Plasterboard Sustainability Partnership	Siniat UK, Eurogypsum	London, UK (14/1/2014)

Participation to events

- **European events**

Below, the list of events in Europe where GtoG has been presented:

Event	Place	Date
PR Workshop on the European Minerals Day	Brussels, Belgium	3/3/2015
Training on Waste Circular Economy	Paris, France	26/3/2015
1 st Wicked Workshop on Architectural and	Delft, Netherlands	23/4/2015

Urban Sustainability, Faculty of Architecture and the Built Environment		
1 st international furniture recycling congress (FURNIREC)	Deauville, France	8-9/6/2015
15 th International Multidisciplinary Scientific GeoConference SGEM	Albena, Bulgaria	16-25/6/2015
National Federation of Demolition Contractors Day	London, UK	26/6/2015

The GtoG Layman report

Eurogypsum, the project coordinator, started drafting the layman report, the dissemination report aiming at presenting the project, its objectives, its actions and its results to a general public. The report will be ready before the GtoG final conference, to be held on 17th November 2015. Eurogypsum is currently reviewing the third draft of the document, after having received the comments from all the partners. The timeline of the report finalisation is presented below:

6/7/2015	Draft 3 to partners
13/7/2015	Comments from partners
20/7/2015	Proof-reading
31/7/2015	Report to communication agency
24/8/2015	Final draft 1 to partners
14/9/2015	Comments from partners



25/9/2015	Final draft 2 to partners
5/10/2015	Comments from partners
12/10/2015	Printing of the document

General coordination of the project

Fifth Steering Committee meeting

The fifth and last Steering Committee meeting has been held on 25th June 2015 in Brussels. The discussion on the project past, current and future development has been very important, as to conclude the last project's year in the best possible way.

Reporting

- **Financial reporting**

As Project Coordinator, Eurogypsum has started the process of reviewing the budget and the financial tables of all the partners in view of the second project amendment to be submitted to the European Commission by 30th September 2015. In this regard, Eurogypsum has collected the following information by 30th June 2015:

- The final budget of all the partners.
- The corrections requested by the EC while evaluating the mid-term report.

The full documentation has been transferred to Neemo (the GtoG managing authority) on 30th June 2015.