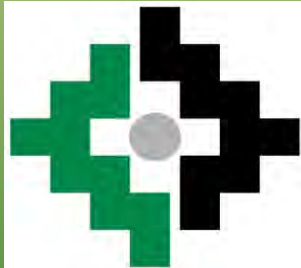




Demolition is the start of the recyclingprocess

3rd December 2015

Thematic lunch Concrete Initiative
Brussels



**Confederatie Bouw
Aannemers van Sloop- en
Ontmantelingswerken**

member of





Demolition is the start of the recycling process

- What is selective demolition?
- Pre-demolition audit
- Different fractions
- Recycling paths
- TraciMat vzw



**Confederatie Bouw
Aannemers van Sloop- en
Ontmantelingswerken**





What is selective demolition?

- Ontmantelen/dismantling/deconstruction
- Afbreken van de constructie/demolition of the structure
- Sortering van vrijgekomen stromen/sorting





What's not?

- “Slopen/demolition”





Pre-demolition audit

Obligatory since 1 May 2009 in Flanders

- Maximum traceability of demolition waste;
- Maximum recycling rate (>90%!)
- Formalisation of responsibilities concerning demolition waste





Which fractions are found in the demolition waste?

Always bricks, concrete, steel, wood, insulation, ...

Depending on the job-site: cellular concrete, gypsum, roofing, glass, aluminium, ...

But the dangerous waste fractions have to be removed prior to the demolition of the structure: asbestos, PCB, radioactive sources, tar containing products, ...

CONTAMINATION IS THE BIGGEST THREAT TO MARKET RECYCLED WASTE!!



Recycling path?

Brics and concrete



Recycling

- Highly controlled recycling for reuse in foundations and new concrete.
- To avoid contamination of the granulates with asbestos and other dangerous substances, the traceability from demolition site to the recycler must be guaranteed!



TraciMat vzw

Legislation

- The function of an institute as Tracimat is embedded in the Flemish legislation since August 2014

TraciMat vzw

- Has been established in July 2014 between different partners in the industry
- Control of pre-demolition audit
- Control of decontamination proces
- Control of transport to the recycler
- RESULT=certification of waste





TraciMat vzw

**Traceable and certified waste will
lead to
Trustable recycled aggregates of
high quality and
bigger markets!**

TraciMat





Costs & revenues for stone fraction in CDW in Flanders

Gate fee crusher

Concrete (from selective demolition): 1 EUR/ton

Brics (from selective demolition): 5 EUR/ton

Gate fee sorting plant

Mixed fraction (from non-selective demolition):
25 EUR/ton

Gate fee landfill

Waste mixed with dangerous fractions:
125 EUR/ton



Costs & revenues for stone fraction in CDW in Flanders

Selling price recycled granulates

Concrete 0/40 mm: 7 EUR/ton

Brics/concrete 0/40 mm: 4 EUR/ton



CASO vzw: Confederatie van Aannemers van Sloop- en Ontmantelingswerken



Confederatie Bouw
Aannemers van Sloop- en
Ontmantelingswerken



www.confederatiebouw.be/caso

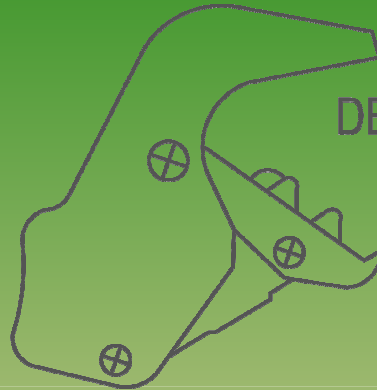
Alg. Secretariaat
CASO vzw
Lombardstraat 34-42
1000 Brussel
Tel. 02/545.57.49
Fax. 02/545.59.07

Voorzitter CASO vzw
Johan D'Hooghe

Tel. 0476/36.17.97
johan@recyclingassistance.be



Recycling Assistance BVBA



DEMOLITION & RECYCLING
CONSULTANTS ®

www.recyclingassistance.be

Drengel 34
2980 ZOERSEL
Tel. 03/309 98 03
Fax. 03/309 98 00

Zaakvoerder
Johan D'Hooghe
Tel. 0476/36.17.97
johan@recyclingassistance.be

