## Case Study

Aggregates 6/20 and sand from demolition concrete









Customer

Recycling site in the Paris area / Production: 250 000 t/year

Location



Background

Replacement of an HSI crusher with another machine to increase the safety of maintenance operations and optimize production costs.

Solution

Installation of a Mag'Impact 2700, the only vertical shaft impact crusher on the market able to meet specific customer needs.



Material Concrete of demolition

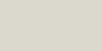
ABR = 1600 g/tCrushability = 40%



Needs

HSI replacement Flexibility Safe maintenance

Optimization cost/t



Installation

<u>Primary</u> IN: 0/800mm

HSI

Secondary IN: 20/150mm

Mag'Impact 2700



Result

Throughput 120 t/h 0/6, 6/20 products Security: ++



Benefits:

- · Products: road materials for subbase and concrete products
- · Safety of maintenance operations (vs. HSI)
- · Decrease cost/t: about 30%
- · Flexibilty of production thanks to the frequency converter
- · Better cleaning of demolition materials (LA, Abs...)
- · Revalorization of aggregates 6/20 in new concrete (Circular Economy)



Process optimization services and products for abrasive and impact applications.

www.magotteaux.com +32(0)43617617 info@magotteaux.com You want to improve your production? Get in touch with us quickly!

The information and data in this data sheet are accurate to the best of our knowledge. They are intended for general information only. Applications as suggested are described only to help readers make their own assessment. They are neither guarantees nor to be construed as express or implied warranties of suitability for these or other applications.