

# Case Study

Aggregates 6/20 and sand from demolition concrete



## Mag'Impact 2700


  
Recycling

  
Security and reliability

### Customer

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

### Location

France 

### 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/t

Crushability = 40%



#### Needs

HSI replacement

Flexibility

Safe maintenance

Optimization cost/t



#### Installation

Primary  
IN: 0/800mm

HSI

Secondary  
IN: 20/150mm

Mag'Impact 2700



#### Result

Throughput 120t/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%
  - Flexibility 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.

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