



BRIKSTON



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GOOD PRACTICES BRIKSTON CONSTRUCTION SOLUTIONS SA

29th March 2018, Retrace Piatra Neamt

Brikston – Clay Bricks producer

- In 1967 the clay quarry is opened in Vladiceni close to Iasi,
- In 1969 was established Ceramica Iași, the first factory to produce ceramic clay building materials in the city of Iasi
- In 1973 the factory is part of the combined Building materials factory in Iasi together with a concrete prefabricated materials
- In 1992 the company was called Ceramica SA
- In 2007, Advent International investment fund become the majority shareholder and started a strong development phase through investments.



Brikston – Clay Bricks producer

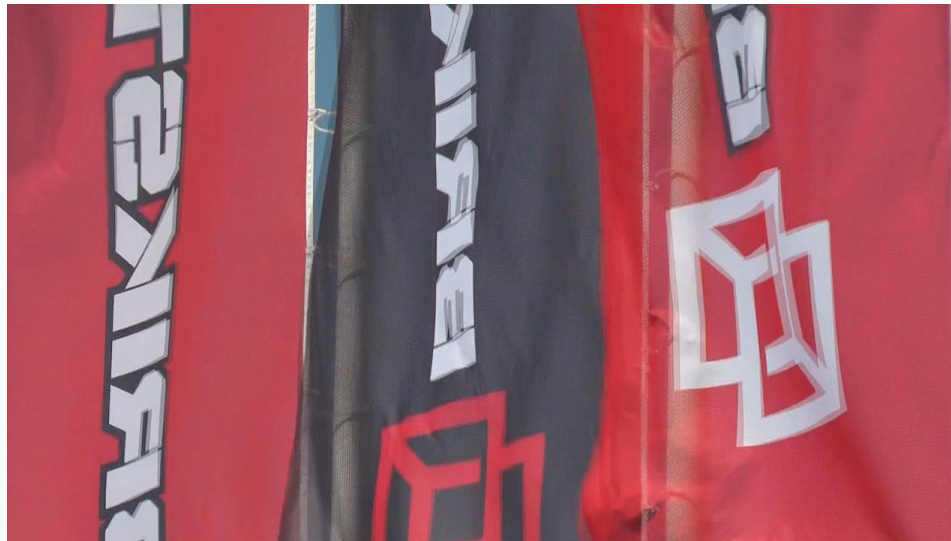
- Since 2003 Ceramica is certified according to **SR EN ISO 9001:2001**.
- In 2006 Ceramica obtained the certification for environment management system according to **SR EN ISO 14001:2005**.
- In 2009 a new line was started, that allowed the diversification of the product range and improving the product quality.
- All products are certified and are bearing the CE mark



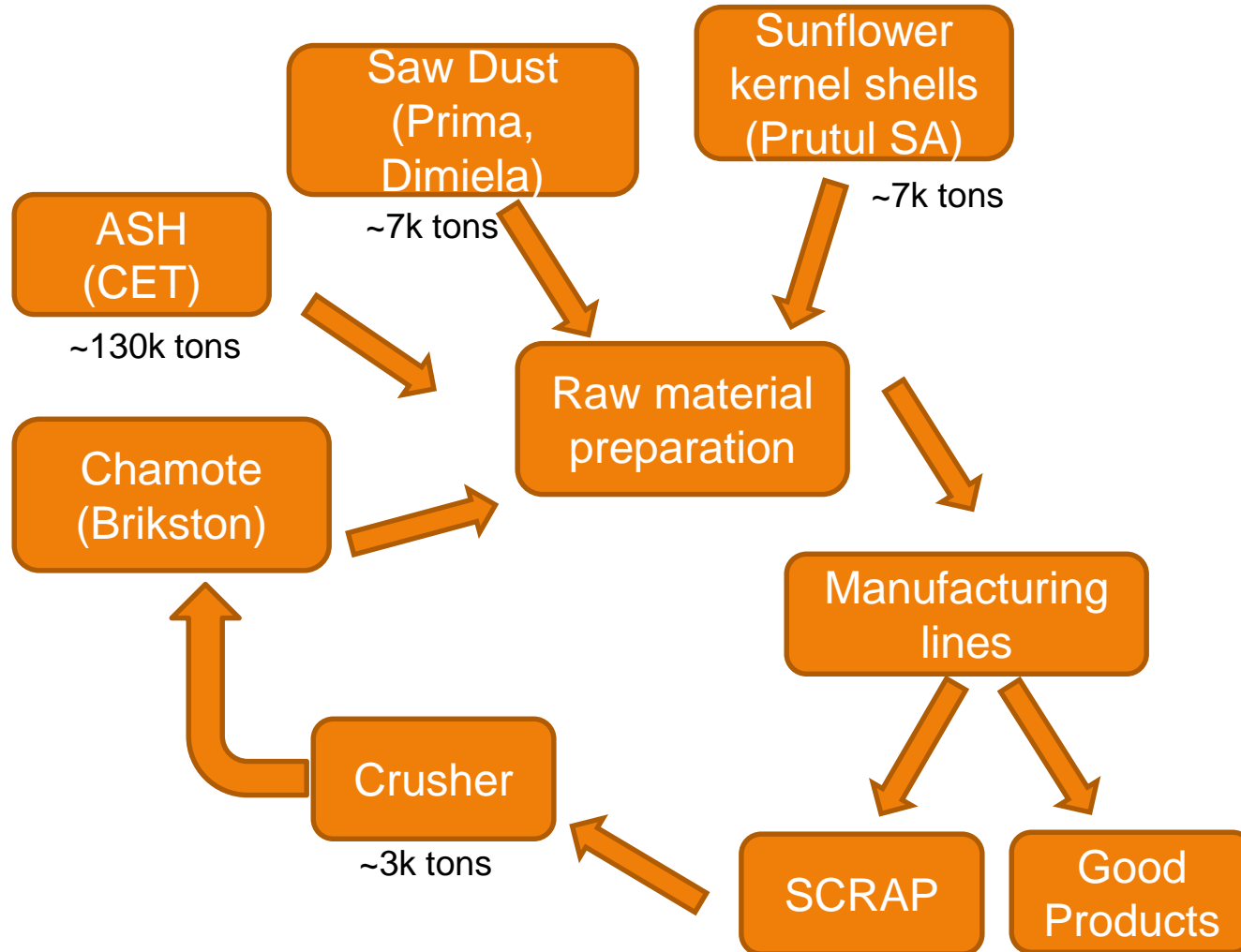
Brikston – Clay Bricks producer

- In 2008 we launched the new Brand of the company called BRIKSTON.
- BRICK (engleza) – caramida
- STONE (engleza) – piatra

Brikston – which roughly translates in brick strong as a stone



MANUFACTURING PROCESS





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Objectives for additives

- Reducing the costs of production and transport costs.
- Economy in production by using smaller amounts of gas because the organic materials
- Improving the product quality
- Reducing of CO₂ emissions
- Reducing the amount of ash stored in nature
- Reducing waste by introducing them into building materials



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RESULTS

- Better production costs due to :
 - Better raw material prices
 - Gas economy
- Product quality improvement
- Reduction of CO2 emissions – for fly ash



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PERSPECTIVES FOR DEVELOPMENT

Using new raw materials

- Crushed glass
- Plastic
- Polystyrene
- Paper

Succses factors

- “Waste” availability through creating collection points
- Research intro developing usage for “waste”



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PERSPECTIVES & NEEDS

The model is implemented in other regions:

- Zalau – Cemacon
- Targoviste - Wienerberger si Soceram

Support needed

- Availability of waste collection centers
- Environment fund to be used for:
 - Collector of waste
 - Processor of waste
 - Research