



Belgotex Floors

KwaZulu-Natal



737 243 kWh

Energy saved



ZAR 818 340

Money saved



769 tCO₂e

GHG mitigated



ZAR 0

Investment made



3

females employed after implementation

Sector: Clothing and Textile

Intervention: Energy management system (EnMS) 2017–2018



THE COMPANY AND THEIR PRODUCT

Belgotex floors has developed into the leading soft flooring manufacturer in Africa. With over 40 ranges of different flooring options for in and outdoors, Belgotex Floors provides a world of choice in soft floor coverings. Offering five types of flooring including carpeting, vinyl, artificial grass, underlays and rubber, their extensive portfolio guarantees a high-quality flooring solution with the latest technology.

CAPACITY BUILDING



For continued results and success, the Defy energy sustainability engineer took part in the energy management system (EnMS) expert level course in conjunction with developing an EnMS tailored to the plant.

THE ENERGY EFFICIENCY INTERVENTION

The increasing costs of energy and water were becoming a growing concern spurring Belgotex to reach out to the NCPC-SA in early 2013. A resource efficiency and cleaner production (RECP) assessment was undertaken by the Centre at the Belgotex Floors Pietermaritzburg site.

The report revealed that there existed several high level opportunity areas for energy reduction. The company went on to implement some of the resource efficiency recommendations that stemmed from the assessment and realised a saving in energy and water. The waterless yarn-dyeing process, one of the interventions adopted by the plant, resulted in 100% water saving.

