BEYOND SMART CITIES

Advanced Sustainable Retailing Training





KRISHNAJI PAWAR,LEED AP BD+C,GSAS CGP,ISO 14001:2015,GCP

BEYOND SMART CITIES

LECTURE 1:

2.SUSTAINABLE RETAILING - 1

BEYOND SMART CITIES

LEARNING OBJECTIVES

- Introduction to sustainable retailing
- Environmental impact of new stores
- Sustainable Retailing for a Sustainable Planet
- Principal Methods of Behavioural Control
- Change sustainable intent into action
- Conclusion



BEYOND SMART CITIES

For nearly five decades, the Pick ’n Pay Group has been one of South Africa’s leading retailers of food, clothing and general merchandise. The company has from the very beginning extended its responsibilities into the spheres of social investment and environmental protection through a wide variety of initiatives. This reflects its objective of triple-bottomline: reporting to stakeholders on financial, social and environmental achievements.



BEYOND SMART CITIES

LEARN FROM BEYOND SMART CITIES

Circularity and smart spaces help retailers save waste, natural resources, cost, and the planet.



01

Sustainable Retailing

- For nearly four decades, the Pick 'n Pay Group has been one of South Africa's leading retailers of food, clothing and general merchandise.
- The company has from the very beginning extended its responsibilities into the spheres of social investment and environmental protection through a wide variety of initiatives.
- This reflects its objective of triple-bottomline: reporting to stakeholders on financial, social and environmental achievements.
- Not only does the industry need to allocate resources to environmental management, but it must also take responsibility for the ultimate success and enduring impact of these projects.
- Beyond the fundamental need of accountability, there are a number of specific areas of concern for the South African retail industry.

02

BEYOND SMART CITIES

Product packaging

Consumption culture pollutes through wasting energy and resources. Retailers may reduce these issues by using ecologically friendly packaging and educating customers about the advantages of eco-friendly items and recycling. Sustainable practises include recycling. Most Pick 'n Pay Hypermarkets provide Recycling Center for various materials.

02

BEYOND SMART CITIES

Carry bags

South Africans associate garbage with plastic bags. They destroy plants and animals and are ugly. For recycling and reuse, carrier bags must be 30 microns thick. Pick 'n Pay provides the Green Bag instead. The Green Bag is ergonomic, washable, and made in South Africa by a BEE firm using non-woven polypropylene fabric.

03

Refrigeration

CFCs have long been an environmental issue. These gases were employed in air conditioners and freezers and refrigerators, which food dealers need to maintain freshness. The Montreal Protocol set a deadline for CFC-free coolants. Retailers must comply. Pick 'n Pay has switched to non-CFC coolants like HFC-22 for refrigeration and air-conditioning. The Protocol requires the firm to convert or buy new equipment. While the Montreal Protocol requires their eradication by 2040, HCFCs will be phased out within five years.

04

Electricity

Retailers need plenty of electricity for bright lighting and refrigerators. Pick 'n Pay and Eskom Demand Side Management lead energy efficiency in major retailers. The initiative will improve the environment and save Pick 'n Pay R1.5 million per year by decreasing toxic emissions and electricity waste. Using cutting-edge electronic control gear reduces fluorescent bulb startup and running power. This lighting is in all new shops and 97 more are being converted.

BEYOND SMART CITIES

Environmental impact of new stores

Pick 'n Pay knows that new businesses and malls pose environmental dangers. Hence, while developing new shops, the corporation collaborates with developers to provide environmental management reports to minimise damage. Pick 'n Pay works with environmental experts, architects, and builders to minimise environmental impact. Individuals seeking a better understanding of Sustainability , circular economy and sustainable retail.

Environmental impact of new stores +

- Distribution
  Retail distribution is key. Due to food delivery, this is particularly true. Pick 'n Pay's fleets maximise non-peak-hour travel, which saves fuel, and the firm is always improving its low-pollution tactics.
- Waste
  Retailers create a lot of trash due to the large number of goods and the quantity of secondary packaging eliminated before items are packaged on shelves. Pick 'n Pay works with recycling providers to decrease trash and prevent dumping. The firm is studying ways to execute a unified approach as it deems this a major improvement. Several shops have recycling partnerships. Most supermarkets have staff-led environmental organisations.

- Recycling
  Hypermarkets have multi-material recycling centres. Centres accept plastic, glass, cardboard, and paper. Local communities and recycling firms that pick up goods support the Center.

- Consumer awareness
  Poor habits, mainly caused by illiteracy, are one of the biggest issues. Pick 'n Pay educates workers, consumers, and communities about environmental problems. All retailers provide complimentary Enviro Fact Sheets on recyclable paper. Schools, colleges, tech schools, and NGOs received almost 6 million copies.

Thanks

Learn From Beyond Smart Cities
Online professional courses led
by the world’s top specialists





LEARN.BEYONDSMARTCITIES.IN