



Retailer sites range from small, local shops to superstores, to distribution warehouses. Across all properties, heating, lightin refrigeration are the dominant emissions sources. Sourcing relenergy and installing efficient technologies can slash make ze emission operations a near term reality.



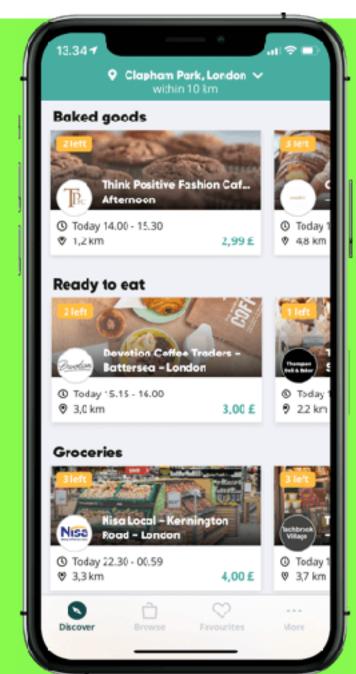
The retail industry is supplied by global logistics operations ac multiple transport modes and providers. Decarbonistion will re logistics data and the adoption of zero and low carbon fuels. It delivery to customers will increasingly transition to high perform electric vehicles and other low-carbon transport.



The emissions from growing, extracting and manufacturing rarepresent a major hotspot in the retail industry's carbon footp. Although outside of their cirect operations, retailers are ideal facilitate the transformation of product supply chains through spec fications and procedures for sustainable sourcing.

The UK retail industry is operated by a large and dynamic work







# **Executive Summary**

#### Making retail sustainable, case examples and innovations 2021

- A problem encountered when executing an all overall position of activists and the wider problem to manage in the fast fashion sector, emissions/protection of the climate, resource potentially disastrous consequences. use, human rights, Fair trade, packaging/ avoidance of pesticides, reduction of environmentally harmful ingredients and just some of the aspects.
- · Virtually all aspects of retail contribute (such as Greenpeace in the 1980s). Change is could have also mentioned Sainsbury's efforts Indeed when looked at from a start up considerable action to address the climate towards renewable energies etc) emergency. Equally, investors in the retail sector have rising expectations around emissions. In a retail context demand for change towards strategies for reduction.
- That said, the sustainability agenda is matter) and also employees in stores/ scientific consensus on that for the simple

encompassing sustainability strategy is the population at large. Also another radicalisation whose business model is built on a clear push there are of course others. sheer complexity of the topic. Definitions of process seems to gather steam, stemming from to drive more consumption. There is a clear sustainability include numerous ecological, the belief that humanity has at most ten years contradiction and inherent tension between the Perhaps another issue concerns the way social and economic aspects such as: CO2 left to act to avoid climate change and demands of sustainability and the goal of zero

plastics, animal husbandry, reduction and While the green movement has been around

measurement and disclosures, and concrete more sustainability comes from shoppers. The BRC sees the majority (75%+) of emissions becoming much more important and prevalent warehouses/logistics, most employees do not reason that calculating emission footprints is and gaining much more traction politically, want to work for a polluter in general. It should fraught with difficulties, especially when having economically and in society at large. There be noted, that green washing does not cut it to decide which externalities to include in the seems to be a significant hardening of the anymore (if it ever has). This will be a difficult data and calculations. So the BRC approach

waste and chasing growth under a capitalist system.

since the 1960/70 we are witnessing another. The examples of major retailers launching collection on CO2 footprints). On the other real change in its goals, tactics, reach and environmentally friendly initiatives described in substances, avoidance of food waste to name composition. There is a real urgency in the this report have become a lot more movement around sustainability and we could commonplace in recent years. While we have friendly, electric cars. see a return of much more radical activism chosen to write about Tesco for example, we emissions, from the energy required for store not only driven by activist pressure (from or Carrefour's. There is no scientifically operations and trucks, to emissions from farms charities such as the WWF to Greta) but has established methodology to rank the various and factories, to the energy used by customers also entered boardrooms, hedge funds, the efforts, that has proven to be uncontentious. to power their purchased devices. The industry banking sector and mainstream politics (such Though what we have noticed is that the overall can influence emission reductions of both as the move away from petrol and diesel cars level of engagement has considerably suppliers and customers, and mobilise to electrics, the phasing out of coal, the move intensified and that the move towards net zero policies has progressed a lot over the recent decade.

> (though how much they are willing to pay for from retail coming from the production and use environmentally friendly products is another of retail products, but there isn't really a

resembles one way of tackling the problem, but

innovations in the sustainability space often don't lend themselves to making money by themselves but are rather targeted at providing services to existing corporations (such as data hand Tesla's Elon Musk has become the world's richest man by selling more environmentally

perspective the biggest companies being built in the EU right now are the giga factories needed for car battery production, which require enormous amounts of investment and government backing. In the retail space though much of the move towards becoming more environmentally friendly will not be about making money directly, but perhaps be seen as table stakes and cost of doing business, perhaps mandated by governments and demanded by shoppers.

# **Key Questions answered**Making retail sustainable, case examples and innovations 2021

- Which retailers lead the way in sustainable energy generation?
- How will the shift to e-cars impact retail on the front and back end? When will all road based logistics run on alternative fuels in future? And what models are available or in the pipeline?
- What about last mile logistics? Will our future cities be served by delivery robots or are e-cargo bikes more likely?
- In store ranges will change, moving even further away from animal derived ingredients, as the success of Beyond Meat or Oatley (to name just two) show. Will plant based alternatives win out or will meat be grown in labs in future?
- How will packaging change in future? Are plastic free groceries a real possibility and who will be the first movers?
   Can this only work in an online context?
- How is tech changing the sustainability game at the front end?
   How successful are apps in reducing waste and improving OSA?

- What are the most innovative models for recycle and reuse in the fashion sector? Will rentals become as big as resales already are?
- Who is policing the claims? And how transparent are ratings and footprints?
- How can the industry finance the change toward more sustainability?
- What should retailers do now to be ready for a future when being green will be seen as table stakes?
- Will retailers have to become more vertically integrated to control various aspects of the supply chain and their emissions footprint, and make production more efficient and sustainable, but also for end of life cycle management schemes such as recycling, reusing and reducing waste?

### Features

- Case examples of successful retailers and strategies in the sustainability space
- Analytical deep dive into sustainable innovation models
- In depth discussion of innovative retailers, new business models and solutions that could lower emissions and in some cases costs
- Insights on sustainability challenges and outlook
- Strategic recommendations

## Benefits

- Understand how to choose the right tech innovation for your business, catchment and customers
- Grasp how much to invest in sustainability and innovative capabilities (depending on your specific sector circumstances)
- Follow the strategies of stand out performers and incorporate learnings into your own proposition
- Each section features real life, practical case studies, sharing key learnings and pointing out pitfalls to avoid.
- Learn from best practice examples

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