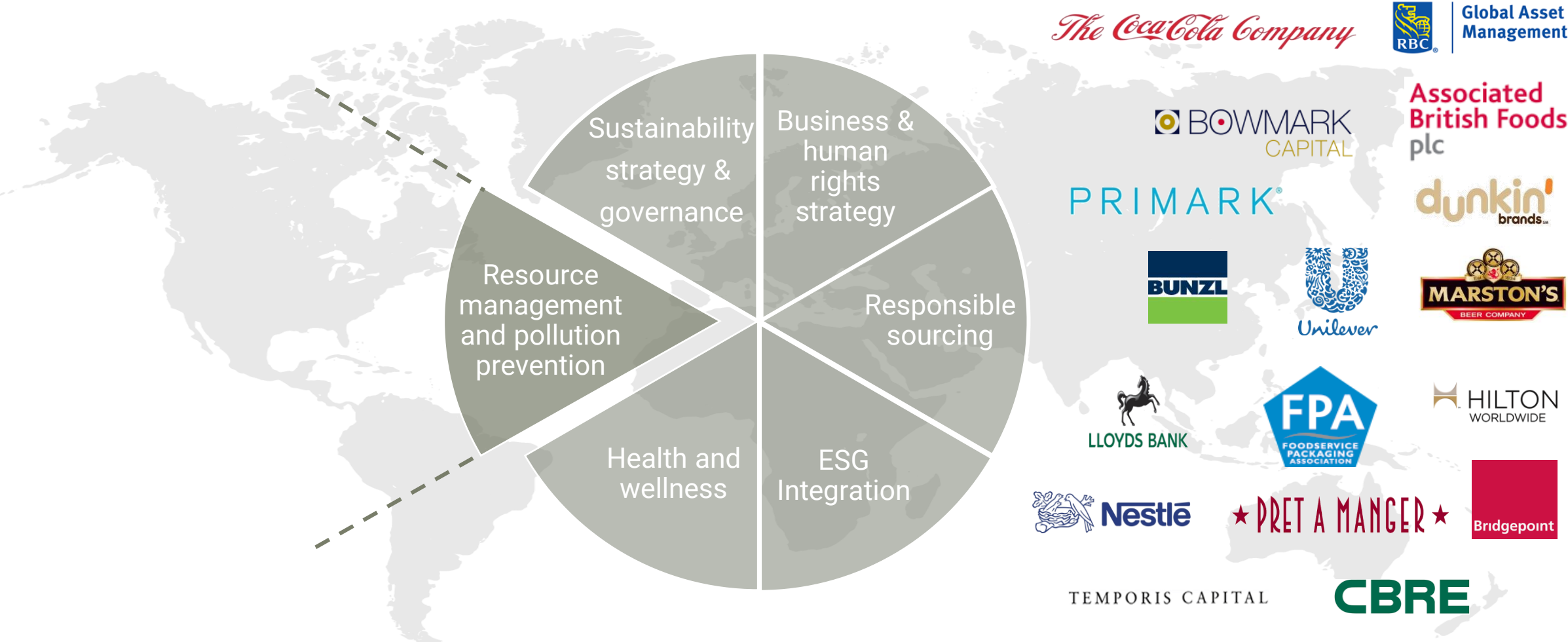




Effective & efficient food waste collection  
to protect & enhance the nation:  
Modelling for best outcomes

# Who Sancroft is



# Our objectives

-  Identify the best long-term solution for food waste collection – maximise benefits, minimise costs and damage
-  Create a model to support decision making and consolidate fragmented conversations

# Principles for evaluating success

- 1 Cost effective in collection and treatment**
- 2 Encourages collection of high volumes of food waste**
- 3 Encourages collection of food waste with little contamination**
- 4 Minimises agricultural and health risks for the nation**
- 5 Minimises GHG emissions**
- 6 Increases circularity, including returning nutrients and organic carbon to the soils**

# Summary of outcomes

	Cost	Food waste: quantity	Food waste: quality	Minimises risks	Minimises GHG	Increases circularity
Polyethylene bags	£25/tonne of food waste					76%
Compostable biobags	£28/tonne					86%
Paper bags	£42/tonne					86% (minus compliance)
Naked	£77/tonne	50% less food waste collection after 3 years				43%
Compostable biobags (IVC)	Current gate fees: £45/tonne vs £27/tonne					Nutrient/organic carbon/ ammonia benefits

For full details, see the full report and Excel analysis found here: <https://bbia.org.uk/improving-the-costs-of-food-waste-collection-enhancing-economic-and-environmental-outcomes-by-choosing-the-right-caddy-liner-2/>

What next

**Discussion**

**Agreeing direction of travel**

**Working through scale up  
and transition**

