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Navigating the Resource Security Landscape

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Key issues - people pressure and consumption

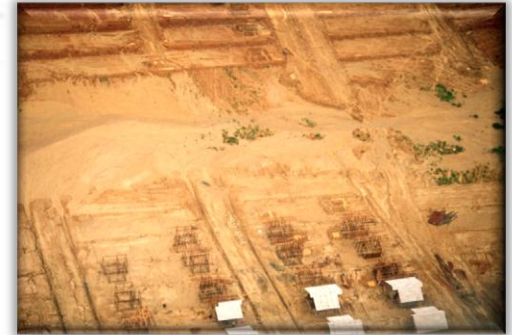
What does this mean for material resources?

- Finite resources
 - Greater competition for scarcer materials
 - Key materials now “at risk”
- Renewable resources
 - Loss of areas of rich biodiversity
 - Effect of development on wildlife and communities
 - Consumption driving pollution and climate change



Risks to business

- Access to materials – lack of availability
- Costs
 - Increasing demand – dwindling resources
 - Accreditation, multiple governance schemes
- Regulation
- Reputation
 - NGO campaigns
 - Consumers' concerns



Managing our resource risks

Risks & Impacts

BIODIVERSITY

- Threatened / endangered species
- Habitat loss
- Reputational risks

ENVIRONMENTAL IMPACT

- Environmental fate of ingredients
- Habitat loss
- Land clearance

SOCIAL ISSUES

- Working conditions
- Corruption
- Fair trade
- Animal welfare

MATERIAL SCARCITY

- Availability of raw materials
- Increasing costs

Stakeholders

Interest Groups /
NGOs media

Legislation
(eg EU timber regulation)

External initiatives
(eg RSPO, WWF – GFTN, FFD)

Suppliers initiatives



Approach

CSR strategy
& targets

Product sustainability
strategy

Raw material
governance process



Traceability; the first step to a sustainable sourcing strategy



What can business achieve

Boots UK case study

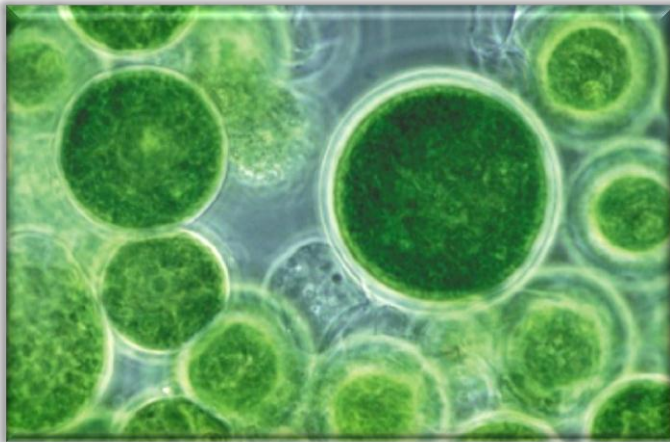
- Traceability and governance
 - All natural materials and ingredients
- Working with the supply chain
 - Increasing requirements for credibly certified materials
 - WWF – Global Forest Trade Network;
Round Table on Sustainable Palm Oil;
Forest Footprint Disclosure
- Innovation
 - Raw material and biodiversity impact considered in all Product Sustainability assessments
 - Green Chemistry / Fairtrade initiatives.



Practical steps

Using carbon emissions from our Energy Centre to grow algae for replacement product ingredients

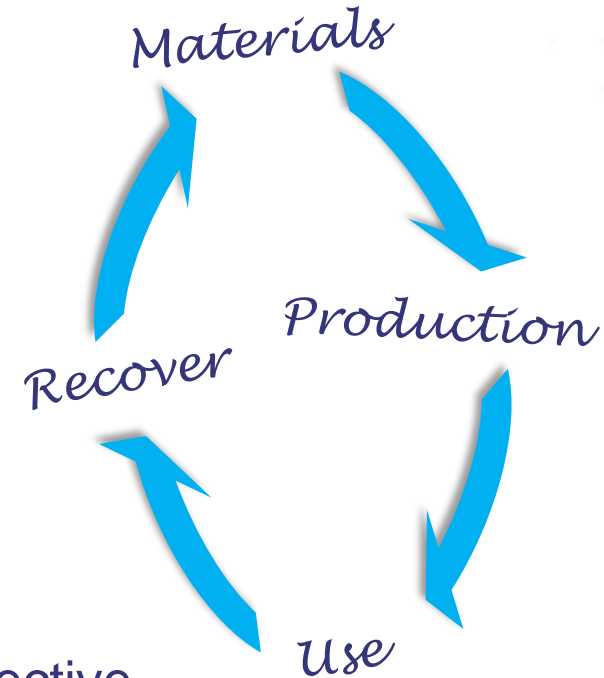
- Since 1915 Boots has had a combined heat and power facility in Nottingham
- Successful collaborative project to grow algae – up-scaling proven laboratory work



The road to a circular economy

A sustainable circular economy will require:

- Better stewardship of natural materials
 - Elimination of illegal sources
 - More robust chain of custody certification
- Better transfer of information along the supply chain
- Re-engaging consumers with where their “stuff” comes from
- Making the sustainable option the most cost effective





More information
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