## **Resource Management**

### **Closed Loop Plastic Production**

Use of our own pre-consumer recycled (pcr) waste material in the production of our plastic bottles, minimising the need for external recycling facilities

### **Re-Design of Laboratory Packaging**

New single-piece box design introduced for the range of SAMCO glass specimen tubes; using 90% recycled cardboard content, no fastenings to facilitate recycling and protective film made from recycled material

## CLIMATE CHANGE

### **Building Refurbishment**

£160k investment in new roof for our glass factory and main warehouse, improving insulation efficiencies, reducing heat loss and energy consumption

### Self-Sufficient Energy Target

Goal to become self-sufficient in our energy production through the use of solar power technology

### LED Lighting Programme

Ongoing programme to replace all factory, warehouse and office lighting with low energy consumption, motion-activated LED lighting



# S MURRAY & CO



## Environmental Commitment

## MATERIAL DEVELOPMENT

### FCA Certified Packaging

Drive towards using FCA certified cardboard for all our packaging applications

### PCR Material

Development of a range of laboratory SAMCO plasticware using a minimum 30% postconsumer recycled (pcr) material

### **Bio-Based Plastics**

Successful trials of bio-based polyethylene to replace traditional fossil fuel-based sources of ethanol production, reducing carbon emissions to create a positive global impact

Carbon footprint (t CO<sub>2</sub> q./t polymer)



LCA Study conducted by E4tech & LCA works
Plastics Europe

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