



Green-tech

Working Together Towards Sustainable Landscapes



BNG & The Supply Chain

- What does it mean?
- How can we help?
- Engagement with our customer base
- Trials of products
- Joining the dots between industries



Our Partners...

- Landscape Contractors
- Forestry Contractors
- Landscape Architects
- Nursery Growers
- Construction / Civil Engineering
- Ground Maintenance Contractors
- Gardener Designers
- Local Authorities



Product Ranges



Urban Tree Planting



Soils, Barks & Growing Media



Rural Tree Planting



Wildflower Seed & Conservation



Ecology, Ponds & Bioengineering



Ground, Wind, Weed & Erosion Control



Grounds Maintenance



PPE, Workwear & Tools

Current Initiatives...

Tree shelters – right product, right place

- Invented in 1979 by Graham Tuley
- Designed to protect young trees from browsing.
- Accelerate tree growth by creating a microclimate



Current Initiatives...

Tree shelters – right product, right place

- 1983-84 approx. 1million tree tubes were used in the UK
- By 1991 that figure reached 10m
- Last year an estimated 20m+ trees were planted using tree shelters



Current Initiatives...

Tree shelters – right product right place

The message has changed....

The use of plastic tree shelters leads to the contamination of the environment.

As the tubes degrade, over time microplastics are left in the environment due to the tubes being left in situ and not collected.



Current Initiatives...

Biodegradable Tree Shelters

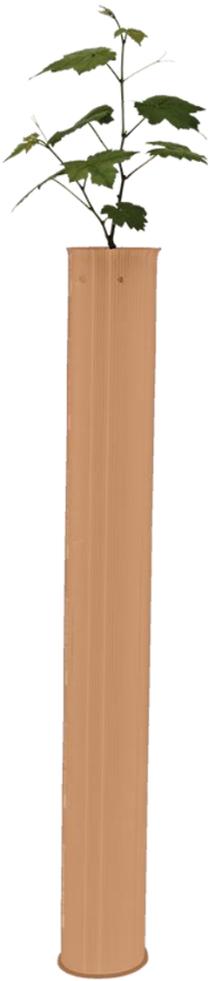
The challenges;

- Finding a material that degrades naturally and is
- Durable enough to last the distance
- Cost effective enough to be economically viable
- Does not leave a carbon footprint leaving us with negative gain
- Meets the needs of the industry



Current Initiatives...

Biodegradable Tree Shelters



Tubex Nature
Biodegradable
Shelter



NexGen Tree
Shelters



Rainbow Bio Terra



Treebio Spiral
Guard



Current Initiatives...

Right Product Right Place – Gair Wood

- 66,000 tree woodland creation on the outskirts of Leeds
- Extensive research Carried out by Leeds University
- The aim is to increase biodiversity and public access as well as providing research, teaching and social opportunities and capturing carbon as part of the University of Leeds Climate Plan



Current Initiatives...

Right Product, Right Place - Gair Wood



Current Initiatives...

Right Product, Right Place

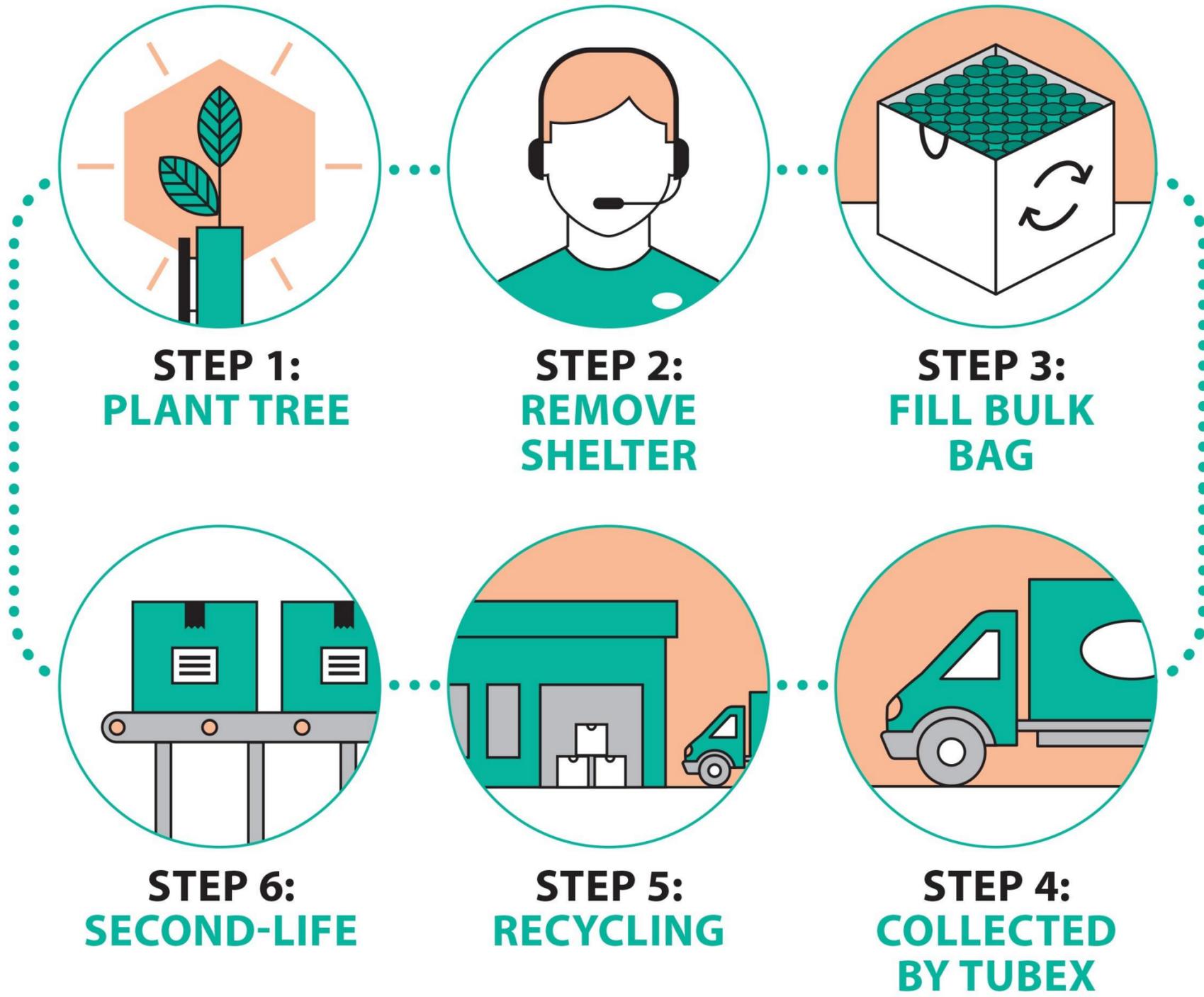
Gair Wood

February 2023



Current Initiatives...

Tree Shelter Recycling Scheme



Current Initiatives...

Wildflowers

Britain has lost 97-99% of its wildflower Meadows since the middle of the 20th Century!



Current Initiatives...

Wildflowers

John Chambers – the legacy lives on

Creating seed mix recipes

- Plants and their flowers come in various different shapes and sizes which is important for enhancing biodiversity
- Objective- to prepare mixes according to seed size and numbers so each mix achieves the best possible balance.



Current Initiatives...

Wildflowers

80/20 mix.

80% grass 20% wildflower

These are also known as 'Meadow mixes'

Sowing rate – 5g/m²

Can take at least 2 to 3 years to establish and start to look like a 'meadow'

Current Initiatives...

Wildflowers

100% Wildflower seed mixes.

Fast establishment in bare soils, borders and flower beds

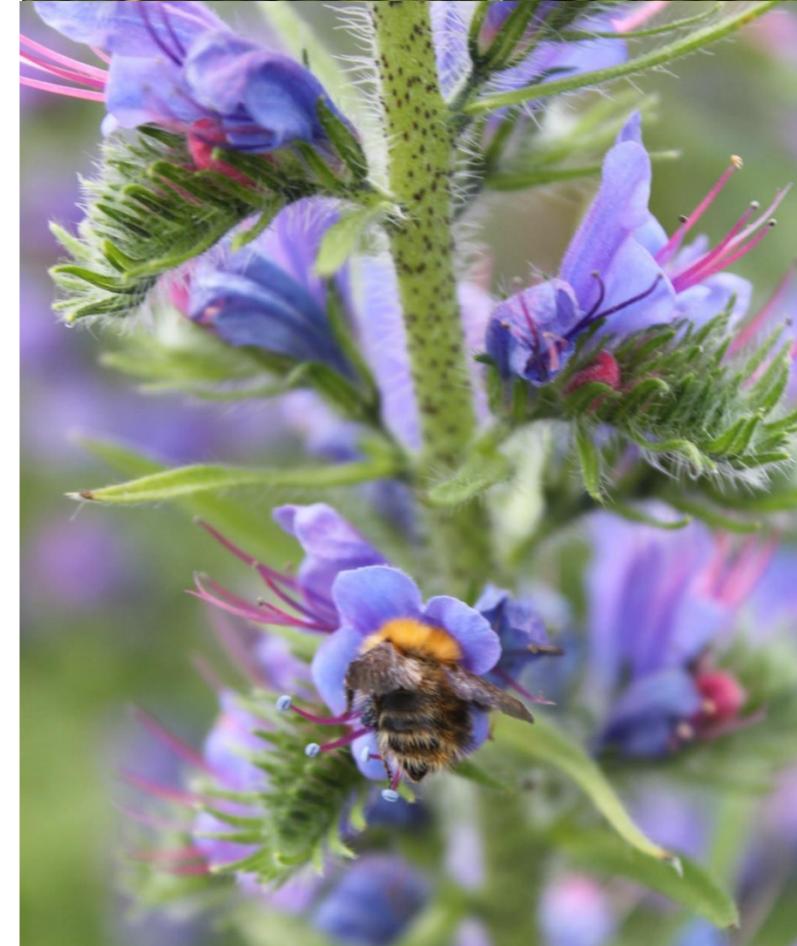
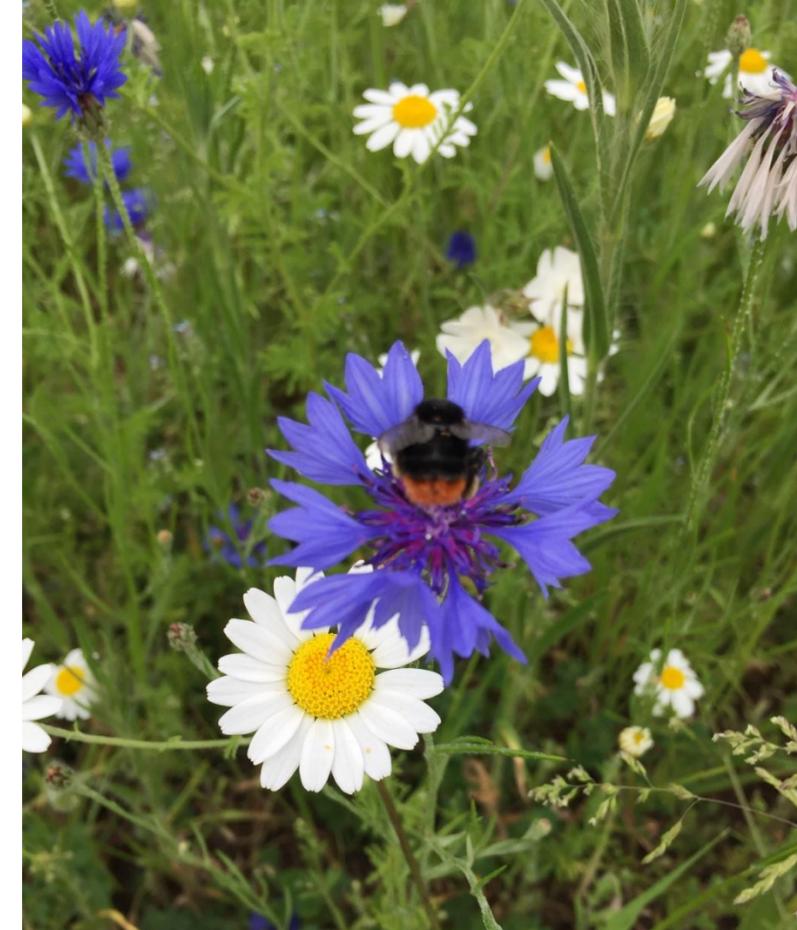
Sowing rate – 2g/m²

Less Maintenance and lack of competition - wildflowers can germinate and grow without the presence of more vigorous species, including grass and unwanted weeds.

Current Initiatives...

Wildflowers

- Our dedicated team are here today to answer any of your wildflower questions
- They will work with you to create outstanding habitats, improve biodiversity and to start to rebuild those lost meadows.



Current Initiatives...

Expansion Of Our BNG Range

- Manufacturer of British Native Wildflower Seed Mixes
- 40 year history
- Mixes consider location, soil type and pollinators
- Interests in Green Roof Establishment
- Pond Establishment
- Urban Tree Planting
- Latest addition to the range- TreeParker



TreeParker ...

Urban Tree Planting Cell System

- Latest Addition To Our Urban Tree Planting Range
- Open Structure For Root Growth
- Maximises Nutrient Rich Substrates
- Suitable For Heavy Traffic
- Height Adjustable To Accommodate Service
- Utilised in Europe and Emirates



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Thank you for your time today

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