



**Luxembourg  
Urban  
Garden**

**# GROW TOGETHER  
GROW GREEN**

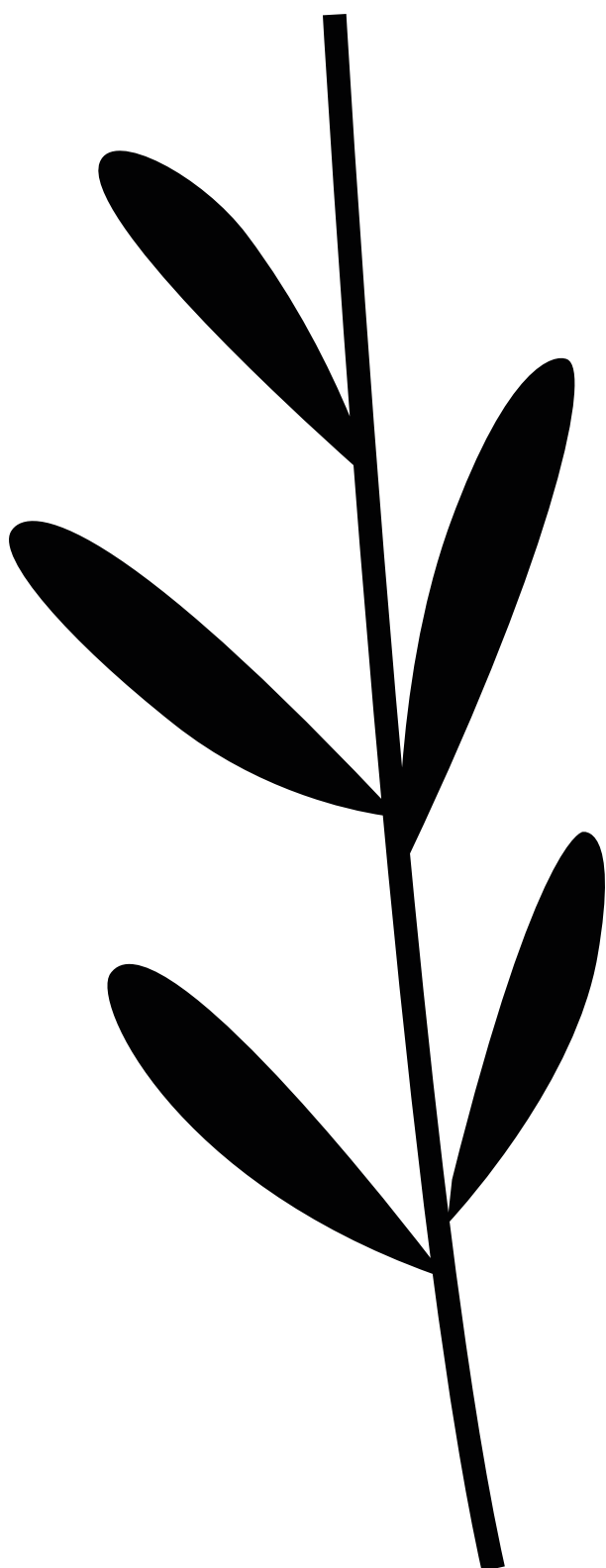
**TOPOTEK 1**



**Grow Together, Grow Green.** A replicable physical and figurative framework that advocates for our collective agency to improve urban climate conditions through incremental afforestation. First unveiled as a prototype at the Interni Fuorisalone in Milan, this traveling installation was originally conceived for the 2023 Landscape Festival in Bergamo. A new iteration is now presented at LUGA 2025. The philosophy of Grow Together, Grow Green follows in the wake of a recent study commissioned by the European Union, which found that increasing urban tree canopy coverage can cool cities significantly enough to reduce the number of heat-related casualties — even as global temperatures continue to warm and summers become inevitably more extreme.

Anthropogenic climate change is a social issue as much as it is an environmental reality, presenting challenges that can only be addressed through grassroots public engagement. Consequently, Topotek 1's approach to urban forestry goes beyond simply planting trees by weaving in a narrative of shared responsibility. Assembled with scaffolding — a scalable, adaptable and reusable system — and covered with seedlings endemic to the hosting region, Grow Together, Grown Green manifests sustainability through both its temporality and ecology. Visitors to the installation are encouraged to register and take seedlings with them to plant in public spaces and private gardens across the city. Registration establishes a sense of personal accountability, since participants are cued to take care of the seedlings and to document the process via the project Instagram. During LUGA 2025, over 10.000 seedlings will be distributed, continuing a commitment to green urbanity that has already seen thousands of trees planted in Milan and Bergamo through previous iterations. The process builds a pattern of dissemination and propagation, whereby public stewardship of the planted seedlings and the intervention's replicability generate an enduring performance rather than just a short-lived installation. As a work of art and at the same time a social tool, the project emphasises the power of a communal process dependent on individual actions: the possibility to grow together and to grow green.

Momentum builds with your participation! Keep reading to find out more about the local selection of seedlings and how to care for one of your own. Alternatively, scan the QR code on the back of this pamphlet to pull up the same information on your mobile device as well as to document and follow the planting process on Instagram.



# How to plant a seedling

## What you need

- Spade or shovel
- Water

## Step by step

- Choose a location with enough sunlight that meets the needs of the species (as described in the portraits). Make sure that the tree has enough space to develop in the future.
- Dig a hole about twice as wide and as deep as the seedling's root ball. Loosen the soil at the bottom of the hole.
- Carefully remove the seedling from the pot. If the roots are densely packed, gently loosen them with your fingers.
- Place the tree in the center of the hole, ensuring that the root crown (the transition between roots and stem) is approximately at ground level.
- Refill the hole with soil and gently press it down to remove air pockets.
- Water the seedling generously to help the soil settle and provide moisture to the roots.
- Check in on the seedling and water it periodically as it matures ensure the soil stays moist, but be careful to avoid waterlogging.
- Document the process, share your story and mention @growtogether\_growgreen to have your seedling included on the project Instagram!

# 1

## **Acer campestre (Field Maple)**

Height: 5-15 m

Location: Sunny to semi-shaded

Watering: Medium, water generously in dry periods

Foliage: Small, lobed, dark green, yellow autumn coloring

Flowers: April-May, yellow-green, inconspicuous

Annual growth: 40-50 cm

Lifespan: 100-150 years

Soil: Preferably well-drained, calcareous soil

Features: Good for hedges, tolerates pruning well, valuable for wildlife, drought-resistant



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# 2

## **Acer pseudoplatanus (Sycamore Maple)**

Height: Max. 25-30 m

Location: Sunny to semi-shaded

Watering: Medium, water generously in dry periods

Foliage: Large, lobed, dark green, golden yellow autumn coloring

Flowers: April-May, yellow-green, in hanging clusters

Annual growth: 40-50 cm

Lifespan: 200-400 years (under ideal conditions)

Soil: Preferably moist, well-drained and nutrient-rich soil

Features: Wind-resistant, valuable for bees, resistant to pollution



# 3

## ***Alnus glutinosa* (Black Alder)**

Height: 15-25 m

Location: Sunny to semi-shaded

Watering: High, keep moist and water generously in dry periods

Foliage: Rounded, glossy dark green, remains green long into autumn

Flowers: March-April, yellow catkins

Annual growth: 30-40 cm

Soil: Preferably moist and nutrient-rich soil

Features: Fixes nitrogen, stabilizes riverbanks, important for wetland ecosystems



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# 4

## ***Corylus avellana* (Common Hazel)**

Height: 5-7 m

Location: Sunny to shaded

Watering: Medium, water generously in dry periods

Foliage: Rounded, soft green, yellow autumn coloring

Flowers: February-April, yellow male catkins, inconspicuous female flowers

Annual growth: 20-30 cm

Lifespan: 50-80 years

Soil: Preferably well-drained and humus-rich soil

Features: Produces edible hazelnuts, valuable for wildlife, coppices well



## 5 **Fagus sylvatica** (European Beech)

Height: 25-30 m

Location: Sunny to semi-shaded

Watering: Medium, water generously in dry periods

Foliage: Oval, dark green, coppery autumn coloring

Flowers: April-May, inconspicuous

Annual growth: 40-50 cm

Lifespan: 200-300 years (under ideal conditions)

Soil: Prefers moist, well-drained and nutrient-rich soil

Features: Dominant forest species, tolerates pruning, used in hedges and forestry



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## 6 **Quercus petraea** (Cornish Oak)

Height: 20-35 m

Location: Sunny to semi-shaded

Watering: Medium, water generously in dry periods

Foliage: Deeply lobed, dark green, golden brown autumn coloring

Flowers: May-June, yellow catkins

Annual growth: 30-35 cm

Lifespan: Up to 400 years (under ideal conditions up to 800 years)

Soil: No specific requirements

Features: Long-lived, supports high biodiversity





# 7

## **Quercus robur (English Oak)**

Height: 30-40 m

Location: Sunny to semi-shaded

Watering: Medium, water generously in dry periods

Foliage: Deeply lobed, dark green, golden brown autumn coloring

Flowers: April-May, yellow catkins

Annual growth: 20-40 cm

Lifespan: Up to 500 years (under ideal conditions up to 1000 years and more)

Soil: Garden soil, prefers moist and nutrient-rich soil

Features: Long-lived, supports high biodiversity



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# 8

## **Sorbus aucuparia (Rowan)**

Height: 6-12 m

Location: Sunny to semi-shaded

Watering: Medium, water generously in dry periods

Foliage: Pinnate, bright green, orange-red autumn coloring

Flowers: May-June, white, fragrant

Annual growth: 30-40 cm

Lifespan: 80-120 years

Soil: No specific requirements

Features: Produces bright red berries, attracts birds



## 9 **Tilia cordata** (Littleleaf Linden)

Height: Max. 20-30 m

Location: Sunny to semi-shaded

Watering: Medium, water generously in dry periods

Foliage: Heart-shaped, dark green, yellow autumn coloring

Flowers: June-July, yellowish white, very fragrant

Annual growth: 20-30 cm

Lifespan: Up to 500 years (under ideal conditions up to 1000 years and more)

Soil: No specific requirements

Features: Highly attractive to bees, used in traditional landscapes, long-lived



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## 10 **Tilia platyphyllos** (Largeleaf Linden)

Height: Max. 20-30 m (under ideal conditions up to 40 m)

Location: Sunny to semi-shaded

Watering: Medium, water generously in dry periods

Foliage: cordiform, bright yellowish green, yellow autumn coloring

Flowers: June-July, yellowish white, fragrant

Lifespan: Up to 500 years (under

Annual growth: 40-45 cm

Soil: Preferably nutrient-rich soil, doesn't tolerate drought

Features: Valuable for insects, tolerates drought poorly, historical significance as a village lime or avenue



# 11 **Ribes nigrum** (Blackcurrant)

Height: 1-1,5 m

Location: Sunny to semi-shaded

Watering: Medium, water generously in dry periods

Foliage: Deep green, lobed leaves

Flowers: May-June, small, greenish

Fruits: Large, black, aromatic berries, rich in vitamin C, great for juice and jam

Annual growth: 20-40 cm

Soil: Preferably well-drained and nutrient-rich soil

Features: attracts pollinators, vigorous growth



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# 12 **Ribes uva-crispa** (Gooseberry)

Height: 1-1,5 m

Location: Sunny to semi-shaded

Watering: Medium, water generously in dry periods

Foliage: Lobed, green leaves

Flowers: April-May, small, pinkish (,Captivator') or greenish (,Whitesmith')

Fruits: Large, sweet-tart berries, red (,Captivator") or pale green (,Whitesmith'), good for fresh eating, preserves and desserts

Annual growth: 20-30 cm

Lifespan: 10-20 years

Soil: Preferably well-drained and nutrient-rich soil

Features: Nearly thornless (,Captivator'), traditional variety (,Whitesmith')



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# 13 **Rubus ,Dorman Red'** (Raspberry ,Dorman Red')

Height: 1,5-2 m

Location: Sunny

Watering: Medium to high, water generously in dry periods

Foliage: Green, compound leaves

Flowers: May-June, white, small

Fruits: Red, sweet berries, good for fresh eating and preserves

Annual growth: 50-100 cm

Lifespan: 5-10 years

Soil: Preferably well-drained and nutrient-rich soil

Features: Vigorous growth, heat-tolerant



## Imprint

Grow Together Grow Green  
in the scope of LUGA 2025  
Parc Odendahl, Alzette Valley, Luxembourg  
May 7 - October 18, 2025  
Design / Text: Topotek 1  
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