



From Balcony to Green Future



Learning to Grow Vegetables and Fruits on Balconies and Terraces: A Comprehensive Workshop

Presented by Shelter International e.V.

November 10-14, 2025, 10 AM - 5 PM



Co-funded by the
Erasmus+ Programme
of the European Union

Workshop Agenda

An overview of our 5-day program



Climate
Foundations and
Gardening Basics



DIY Tools for Urban
Gardening



Soil Science and
Plant Nutrition
Techniques



Natural Fertilizer
Production
Methods



Workshop Overview

Day 1



Explore climate impacts on local agriculture fundamentals.

Day 2



Hands-on DIY tool creation using recyclable materials.

Days 3-4



Learn about soil science and nutrition techniques.

Day 5



Produce organic fertilizers through collaborative methods.





Climate Change Impacts

Understanding Essential Gardening Tools

- Increased pest and disease issues
- Diminished soil quality and fertility
- Essential tools for balcony gardening
- Adapting gardening practices effectively



Creating Tools from Waste Materials

Practical Solutions for Urban Gardening

Participants engage in a hands-on session, transforming waste materials into essential gardening tools, fostering creativity and sustainability while enhancing their urban balcony gardening skills for climate adaptation.



DIY Gardening Tools Workshop Techniques

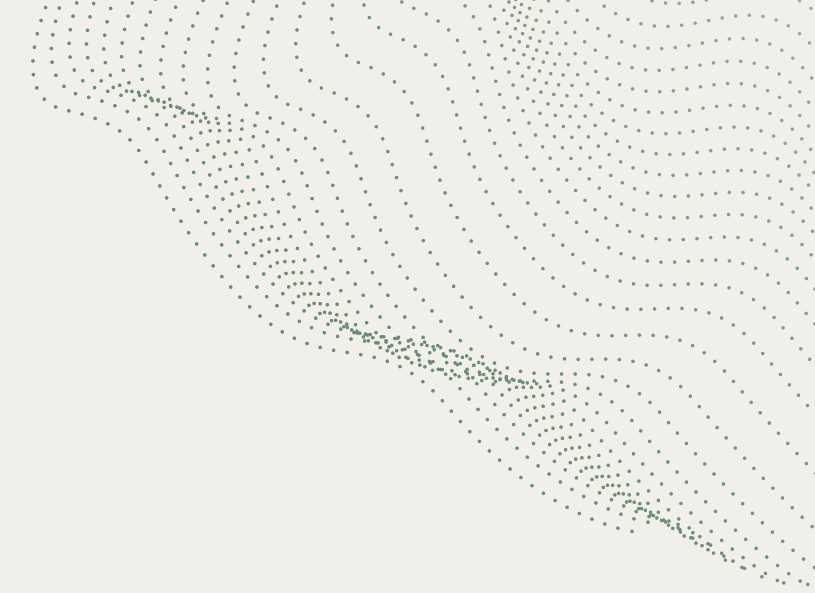


Tools

Create effective gardening tools from waste materials.



Soil Mixtures & Nutrition



Custom Soil

Creating tailored soil mixes enhances plant growth effectively.

Plant Nutrition

Understanding essential nutrients is vital for healthy plants.

Fertilizer Use

Utilizing natural fertilizers improves soil health sustainably.

Urban Application

Practical techniques suit small urban gardening spaces effectively.



Soil and Nutrition

Understanding Plant Health for Urban Gardening

Soil Mixtures

Creating custom soil mixes enhances **plant growth** and health, ensuring optimal drainage and nutrient retention, essential for urban gardeners with limited space and resources.

Composting Techniques

Two efficient composting methods, traditional compost piles and safe animal manure use, provide sustainable solutions for urban gardening, improving soil structure and nutrient content.

Nutrient Management

Understanding plant nutrition basics, including essential nutrients and natural fertilizers, empowers urban gardeners to facilitate healthier plants and sustainable gardening practices in limited spaces.



Soil Preparation for Urban Gardening



Nutrition

Essential for healthy plant growth and sustainability



Natural Fertilizer Production Techniques



Bokashi

Bokashi fermentation is a method for recycling organic waste.



Composting

Balcony composting helps in minimizing kitchen waste effectively.



Climate change significantly impacts agricultural productivity.

30%

Increase in crop loss due to climate change

Recent studies indicate that climate change is causing a **30% increase** in crop losses across Europe, leading to significant food security concerns. This alarming statistic underscores the urgency for urban residents to adopt sustainable practices like balcony gardening. By cultivating their own food, participants can play a vital role in mitigating these impacts while promoting local biodiversity and resilience against climate adversity.



Sustainability Benefits of Urban Gardening

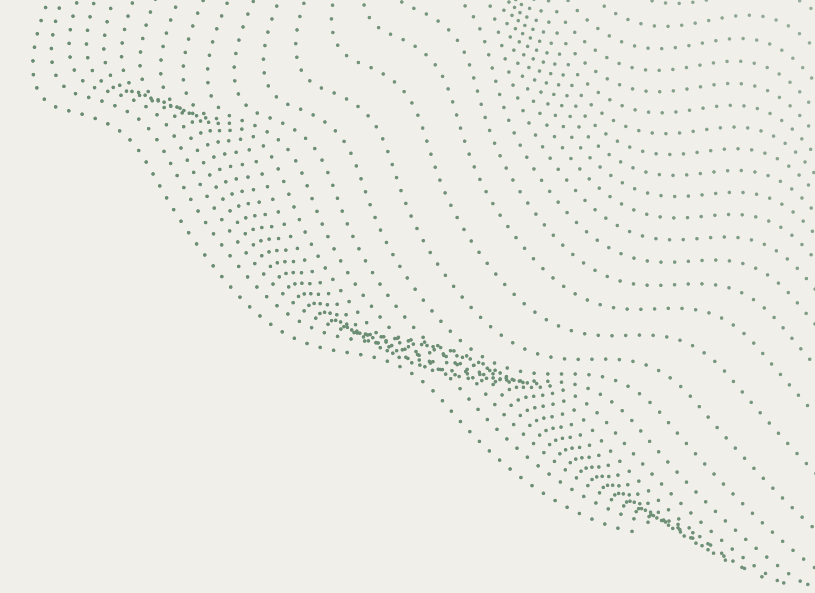


Waste

Reducing waste through recycling and gardening practices.



Learning Outcomes



Setup

Participants will efficiently **set up their balcony gardens**.

Tools

Participants can creatively **make tools from recycled materials**.

Nutrition

Participants will manage **soil and plant nutrition effectively**.

Composting

Participants will produce **natural fertilizers through composting**.

Sustainability

Participants will commit to **sustainable urban gardening practices**.



Thank you for
your
participation!

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