



## ERASMUS+: CRAFT SKILLS FOR GARDEN CONSERVATION

Draft workshop programme: "Trees in historic gardens in climate change"

Schloss Dyck, Jüchen, Germany  
5<sup>th</sup> and 6<sup>th</sup> September 2023

Those who want to visit the light event LICHTFESTIVAL DYCK on **Monday evening** (restaurant and street food available) must go to "Kasse 4", where you will get a free ticket when mentioning that you are a participant of the Erasmus+ workshop.

### DAY 1, Tuesday, 5<sup>th</sup> September:

#### **From 08:30**

Walk to Schloss Dyck and/or one or two shuttles by 9-seater.

#### **09:00**

**Meeting point: Entrance building to the park of Schloss Dyck**

#### **09:00 – 09:30**

##### **1: Guided tour / Introduction**

We will start the day in the park of Schloss Dyck with a short introduction into the history of the site, some recent developments and the new climate adaptation project. This will be done by Dyck's garden manager Berthold Holzhöfer and project manager Tamara Kunkel.

*Berthold Holzhöfer and Tamara Kunkel (Schloss Dyck Foundation)*

#### **09:30 – 10:30**

##### **2. Reinforcement and revitalisation**

We show when and how we vitalize the sensitive tree population. This includes a number of soil improvement measures, in particular Mycorrhiza fungus vaccinations, irrigation, fertilization.

*Jürgen Kutscheidt (Büro Dr. Jürgen Kutscheidt)*

#### **10:30 – 12:00**

##### **3. Cont. Guided tour / Mapping**

The continuation of the tour will show the historical intentions and development of the tree population, in particular the negative effects of climate change so far (e.g. loss of trees). We will show how we use a modern system of digital recording of the tree population in the park since more than 20 years. Today, this is done with very modern technologies, including flying over with drones to evaluate the vitality of the tree population. At Dyck this supports the replanting with climate-adapted tree species. Experiences with these measures will be shared and the participants will be invited to discuss this as well as Dyck's activities to become a climate neutral site by 2026.

*Lutz Barwig (Büro Dr. Jürgen Kutscheidt), Berthold Holzhöfer and Tamara Kunkel (Schloss Dyck Foundation)*

#### **12:00 – 13:00**

##### **4. Tree inspection**

More into detail than the mapping, we want to show how we examine the population of individual old and damaged trees. Which methods, devices and techniques are used? These include tree

tomography with the ARBOTOM® and root diagnosis with the ARBORADIX® as well as drilling resistance measurements with the RESISTOGRAPH®.

*Frank Rinn (Ingenieur- und Sachverständigenbüro RINN)*

**13:00 – 14:00 LUNCH BREAK**

**14:00 – 15:00**

**5. Practical tree maintenance**

We will learn how a thorough visual analysis of a tree helps to understand its condition and difficulties and is a necessity for practical tree maintenance and cutting. Practical activities shown here include climbing techniques, cutting techniques or the installation of ropes for static protection.

*Jürgen Unger (EICHHORNBAUMPFLEGE)*

**15:00 – 16:00 (with coffee and cake)**

**6. Plantings under trees – Cover your soils!**

Underplanting with shrubs, perennials and other plants can help to improve the site conditions. The presentation will inform about the selection and number of key plants as well as about the advantages and possible disadvantages of underplanting etc.

*Dr. Folko Kullmann (Gesellschaft der Staudenfreunde)*

**16:00 – 16:30**

**7. Summary and outlook for the evening and the next day**

Stay at the site or walk/transfer back to Nikolauskloster.

**18:30**

Joint dinner at the restaurant Remise (Schloss Dyck) – at your own expenses.

**20:30**

Exploring the LICHTFESTIVAL DYCK – on your own.

**DAY 2, Wednesday 6<sup>th</sup> September:**

On the second day we will have a study trip to near-by Düsseldorf.

We will collect (during lunch) a 25 Euros contribution for lunch and transport. Please bring cash.

**08:45**

Start at Nikolauskloster (9-seaters and private cars)

**09:45 – 12:15 Schloss Benrath**

The Schloss Benrath Foundation had participated in the founding of the “Initiative Alliance Historic Gardens in Climate Change”. A federal funding of 3 million Euro is now used to renovate the rainwater retention basin (also underneath the buildings), a historical system for rainwater reclamation and use in dry phases in spring and summer. In the historic park we will be informed about their measures to care for trees and other key elements.

*Stefan Schweizer (Schloss Benrath Foundation)*

*Gunnar Gad (Museum of Natural History Benrath)*

**12:30 – 14:00**

(Pre-booked) Lunch break at Restaurant Lindenhof in Düsseldorf-Benrath (walking distance)

**14:00 – 14:45**

Transfer to the centre of Düsseldorf

**14:45 – 16:00 City walk: Rheinterrassen, river promenade, Hofgarten and Kö-Bogen**

In June 2014, the city of Düsseldorf was hit by a hurricane that caused immense damage and losses to street trees and trees in parks, mainly along the river Rhine and in the historic Hofgarten.

“Cleaning up” and urban development measures allowed restoring some old structures and new urban qualities. We will visit the historic inner-city park “Hofgarten” and neighbouring new urban structures and features.

**16:00**

We can have a break here for a coffee or a drink. Participants can also leave the group here to get to the main station (about 15 minutes by public transport) or airport (about 30 minutes by public transport, possibly by 9-seater). If so, please check-out and bring your luggage to the 9-seaters in the morning.

**About 16:30 - 17:30**

Transfer to Nikolauskloster / Schloss Dyck.

**Optional:**

Joint dinner at Schloss Dyck or a local restaurant (to be arranged) – transport by 9-seater and private cars.

If there should be any questions or problems, you can contact Christian by one of these numbers:  
+49 175 5000 659 and/or +49 152 0443 5238