



Exploring climate: A journey through tree observations

Dana Votapkova

GLOBE Europe and Eurasia
Region Coordination Office





Trees are Beautiful – European Phenology Campaign

THE GLOBE PROGRAM

Green-up activities

**ACTIVITY 1
MY TREE**



**ACTIVITY 2
LOOK AT THE BUDS**



**ACTIVITY 3
FIRST LEAVES**

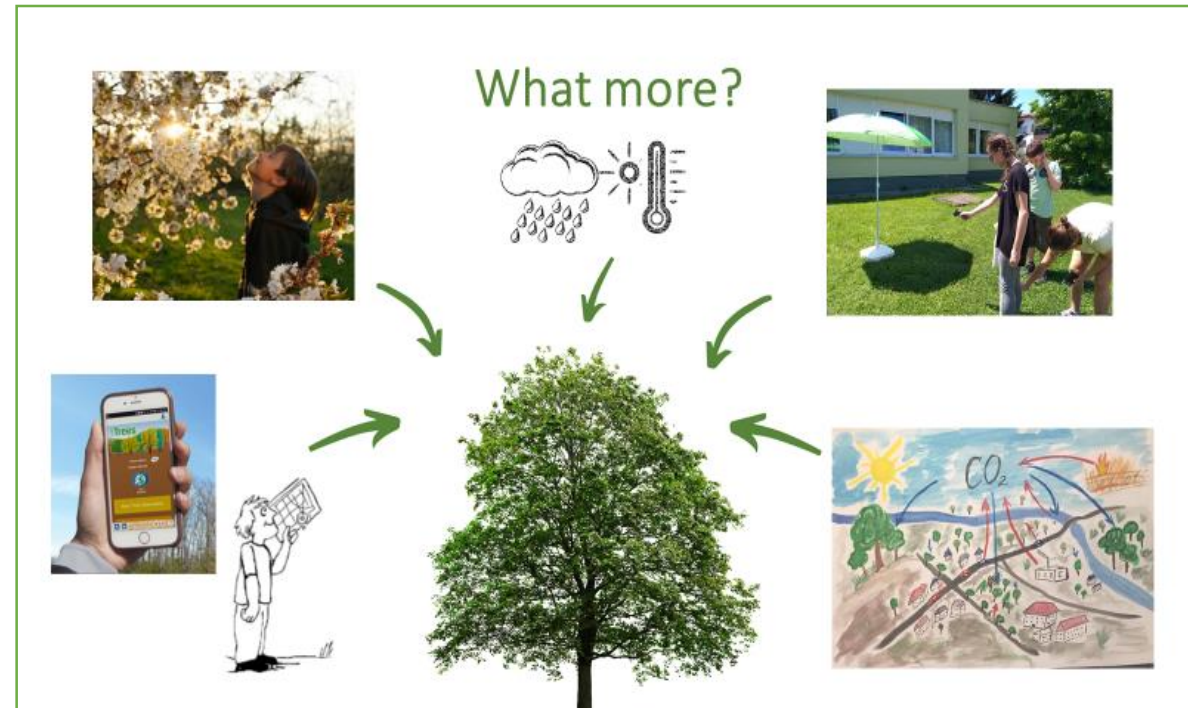


**ACTIVITY 4
MY GREEN UP DATA**



Date	Green-up Level
2015-04-07	0.1
2015-04-14	0.2
2015-04-21	0.3
2015-04-28	0.4
2015-05-05	0.5
2015-05-12	0.6
2015-05-19	0.7
2015-05-26	0.8
2015-06-02	0.9
2015-06-09	1.0

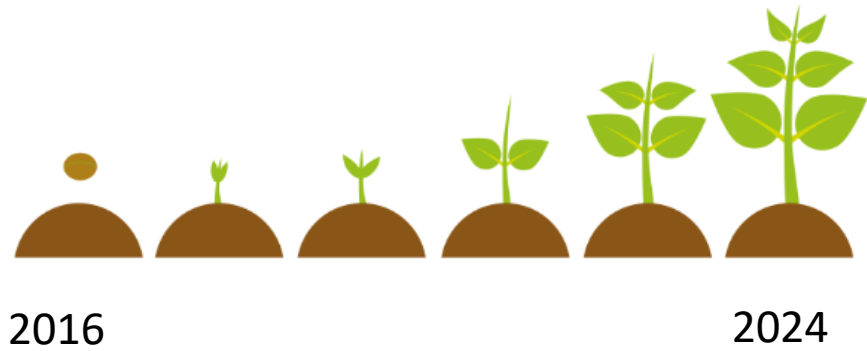
1 Year Custom
1 Day 10 Days



[European Phenology Campaign - website](#)



European Phenology Campaign



Spring 2024



320 schools from 24 countries

2800 data shared with
GLOBE community
and scientists

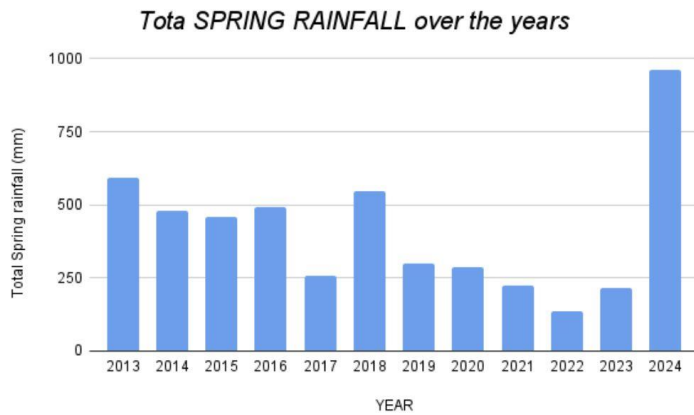


4500 students



How students work with data

- Observing the **same tree** at different places and comparing their data
- Compare data with **previous years / professional data**



Notice trends

„We were surprised to realize that in Marcallo con Casone has been the wettest spring of the last 10 years“.

Italian school in Marcallo

ACTIVITY 4

Kiki

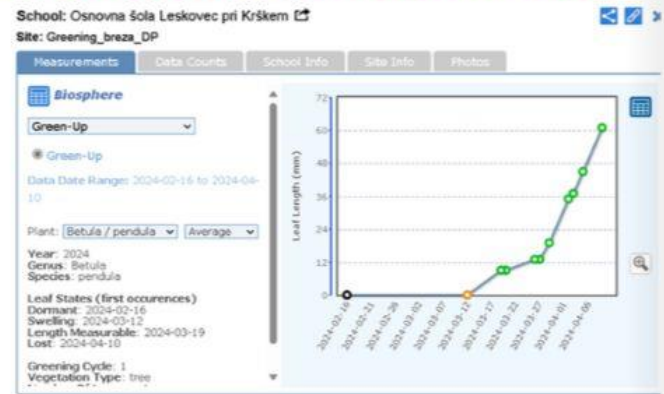
We measured the buds and leaves from the 11th March to 9th May

We compared our data with the school in Slovenia (Leskovec pri Krškem) with which we collaborate.

In Slovenia they started to measure the birch the 16th February and they finish on the 10th April.

In Slovenia, they started measuring the birch a month earlier and also finished about a month earlier.

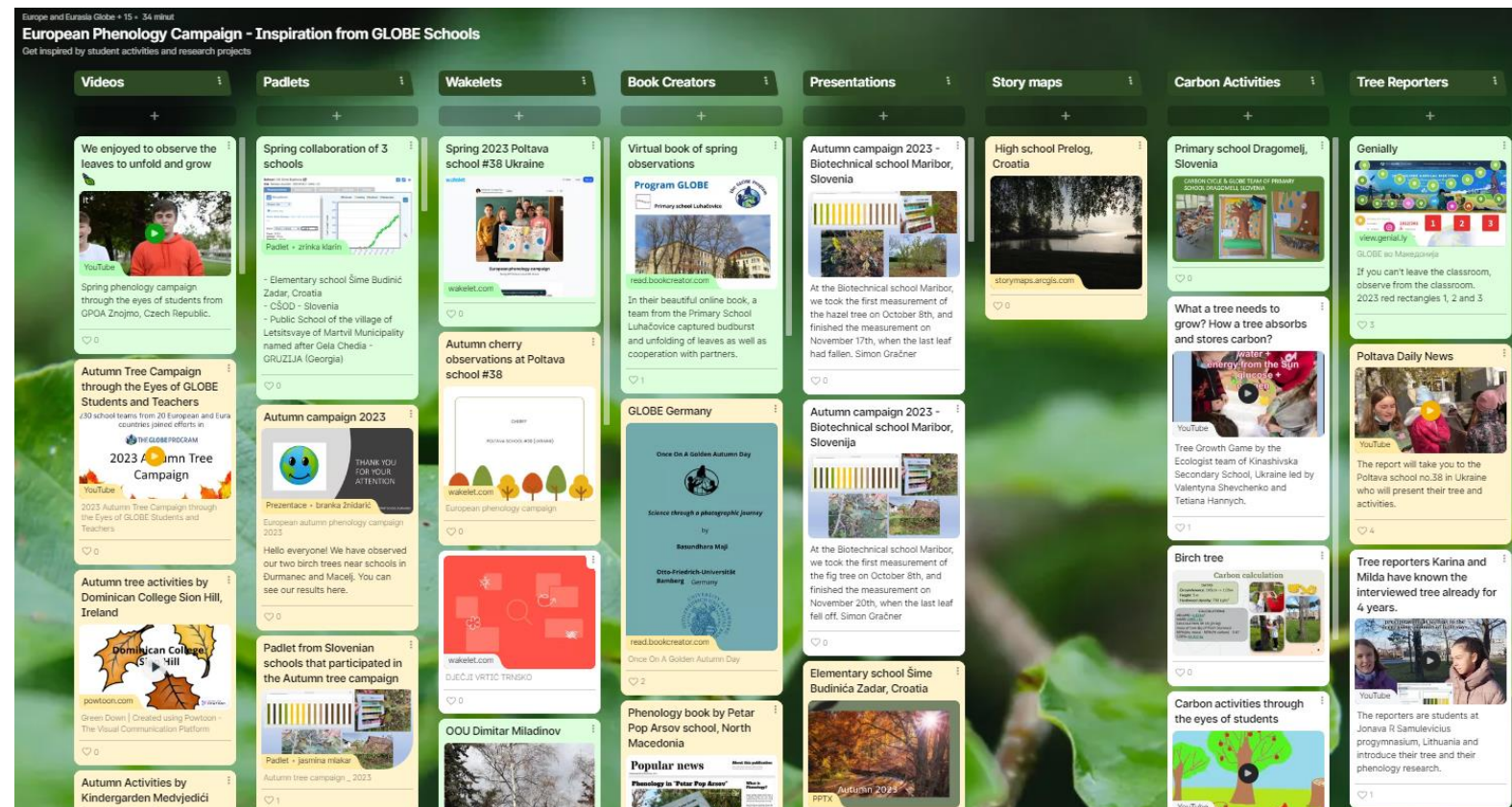
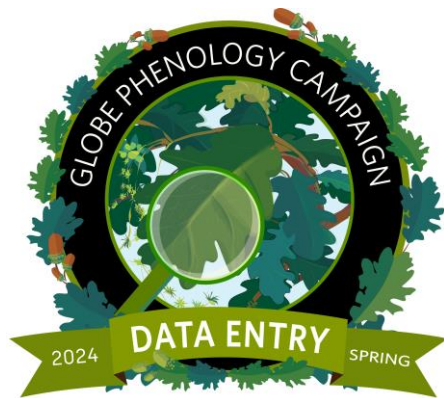
MY GREEN UP DATA





Inspiration

- [Padlet](#) – see school videos, booklets, projects, data, collaboration...
- [Discussion Forum](#) at globe.gov
- On-line student's presentations





Collaboration

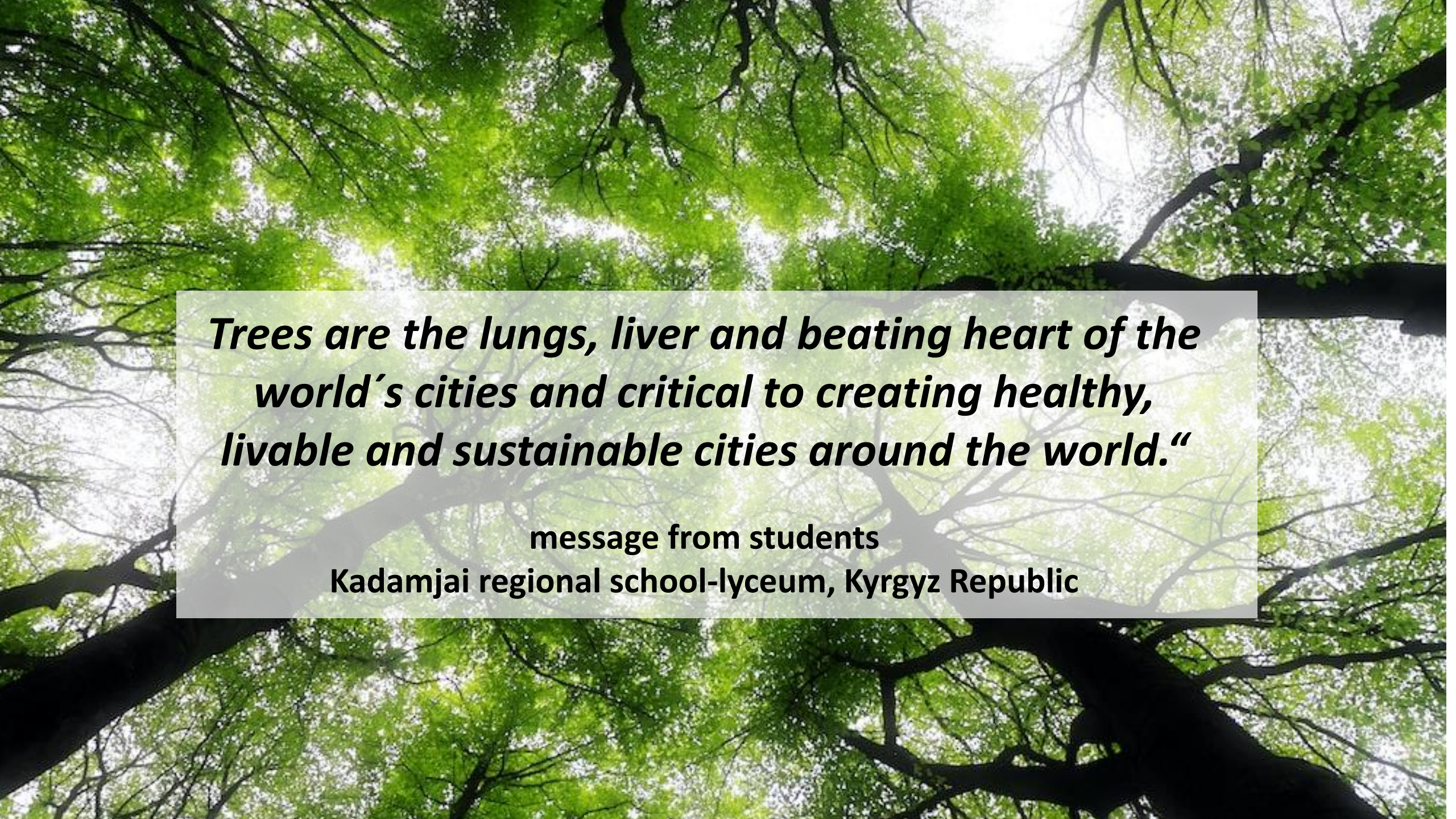
- **Scientists** – local, NASA
- Link to other **campaigns**
- **Schools**
- Support from **coordinators**
- **Regions** – LA, NA




YEAR OF CLIMATE AND CARBON
A GLOBE Action and Awareness Campaign
August 2023 • August 2024



Trees around the GLOBE



Trees are the lungs, liver and beating heart of the world's cities and critical to creating healthy, livable and sustainable cities around the world."

message from students

Kadamjai regional school-lyceum, Kyrgyz Republic



Thank you!

Dana Votapkova

dana.votapkova@terezanet.cz

GLOBE Europe and Eurasia Region
Coordination office

hosted by TEREZA Educational
Centre, Prague, Czech Republic

For more information visit www.globe.gov

