

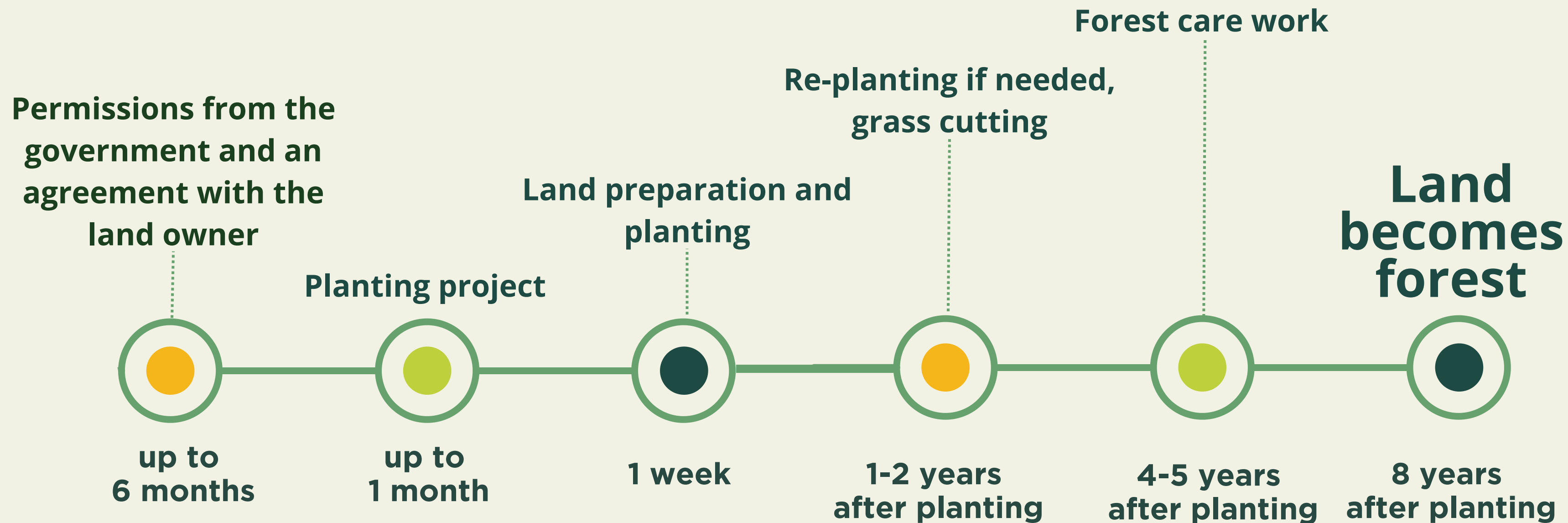
# Prancūzijos prekybos rūmai (~100 narių) forest planting project report

myliumiska.lt





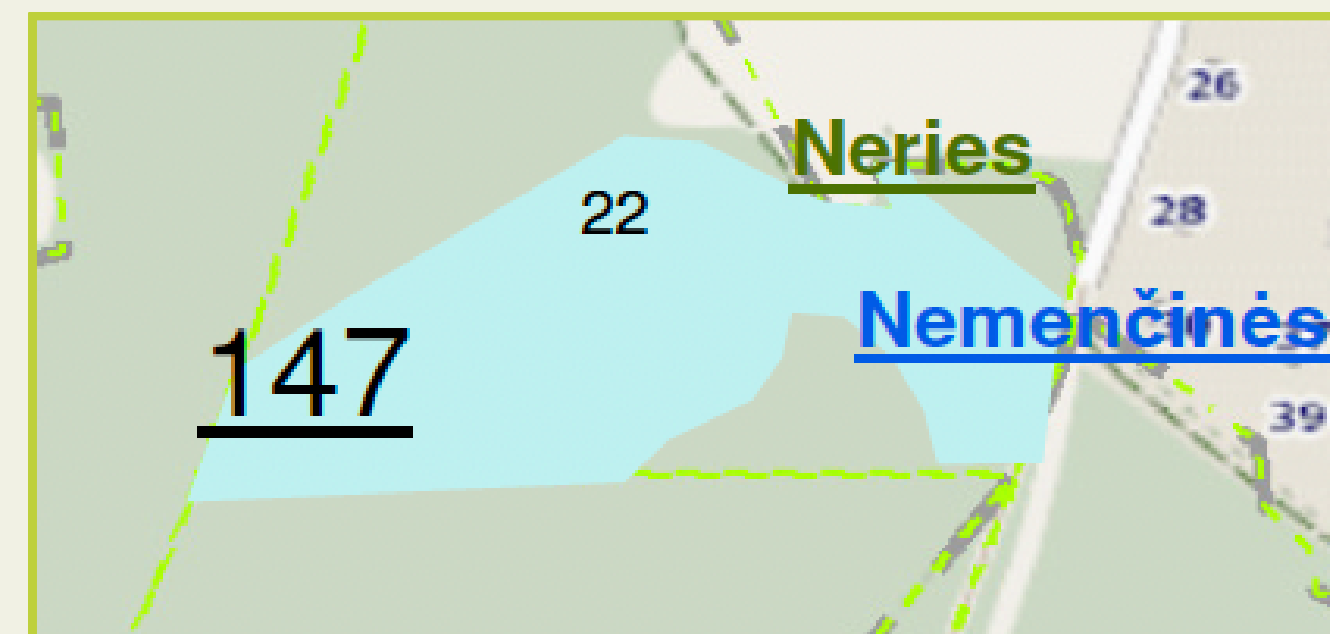
# Timeline of forest planting



# Planting reporting

Type:	Reforestation
Location:	Sudervė, Vilniaus raj.
Coordinates	54.75633637710636, 25.045652003417135
Planting date:	2025 05 09
Area size, hectares:	0,09
Species of trees:	Spruce
Number of trees planted by your company	267
CO2 absorbtion, tones*:	54

Planting area map



\*absorbtion of CO2 is calculated for LITHUANIAN forest. Data and calculations are taken from our methodology of CO2 absorbtion in Lithuanian forest.

# More detailed information about the planting area with additional plantings (exported from our forestry ERP system)

Produkto kodas	Sandėlis	Sodmens tipas	Paimta iš sandėlio	Pasodinta
25-Picea free(0-0)-Picea abies-2950078LT/5842/2024-03-21/49ESM070/A	VŠĮ MYLIU MIŠKĄ Vilnius	K	400	400
24-bamboo(0-0)-Wood sticks	VŠĮ MYLIU MIŠKĄ Vilnius	Ba	30	30
25-Picea free(0-0)-Picea abies-29500C7LT/5318/18-05-02/44ESP022/R	VŠĮ MYLIU MIŠKĄ Vilnius	B	2 000	2 000
24-bamboo(0-0)-Wood sticks	VŠĮ MYLIU MIŠKĄ Vilnius	Ba	20	20



# Project impact over time

NPO Myliu miška is the only organisation in Lithuania that has the methodology of calculating CO2 absorption in LITHUANIAN forest. This methodology has been created by forestry experts and climate change professionals.

## The amount of CO2 accumulated in the trees, which can be used to offset GHG emissions

	Fir	Pine	Birch	Alder	Average
Age of maturity	101	71	61	61	
Seedlings / hectar	>4000	>3000	>3000	>3000	
Average CO2 absorption by the time the tree reaches it's age of maturity, t CO2/ha	6.7	9.2	9	9.4	8.6
CO2 absorption by one tree, by the time the tree reaches it's age of maturity, kg CO2	167.5	214.7	180	188	187.5
Total amount of CO2 absorption by the tree reaches it's age of maturity, CO2/ha	670.59	642.05	542.55	561.75	605
Number of trees to compensate 1t of CO2	6	4.7	5.6	5.3	5.4

# New forests benefit various stakeholders

New forests create additional habitats for various species of plants and animals, supporting wildlife populations and enhancing biodiversity.

## Wildlife



Forests provide essential ecosystem services such as regulating water flow, preventing soil erosion, and improving air quality, benefiting society at large.

## Ecosystems



New forests play a crucial role in sequestering carbon dioxide and helping combat climate change, which is a global concern benefiting all of humanity.

## Climate change



Forests offer valuable research opportunities in areas such as ecology, biology, and climate science, providing data and insights into various scientific fields.

## Scientists and Researchers





# The trees that you have planted will absorb:



406

Trips by car  
Vilnius - Klaipėda - Vilnius



162

Flights by plane  
Vilnius - Milano - Vilnius

## Sources:

- <https://www.eea.europa.eu/highlights/average-co2-emissions-from-new>
- <https://ourworldindata.org/global-aviation-emissions>

This report was prepared on the basis of the NGO “Myliu mišką” and reflects the company's voluntary contribution to environmental protection and CO<sub>2</sub> reduction through tree planting and new forest establishment in Lithuania.

The calculations presented in the report are based on the internal methodology of “Myliu mišką”, developed based on Lithuanian forest data and adapted specifically to the conditions of our country. They allow us to assess the potential CO<sub>2</sub> “locking” in growing forests throughout their entire life cycle.

**Important:** This report is not certified according to international carbon credit standards (e.g. Verra, Gold Standard) and is not intended for use in official CO<sub>2</sub> emission compensation or carbon credit trading. NGO “Myliu mišką” does not trade CO<sub>2</sub> credits.

## Use in sustainability reports

Companies that have contributed to forest planting may include this contribution in their sustainability (ESG, CSR) reports, indicating that it is:

- Voluntary action in the field of environmental protection;
- An initiative that helps create biodiversity, increase forest cover and long-term CO<sub>2</sub> sequestration;
- An activity that informally strengthens a company's climate change mitigation strategy.

However, it should be noted that this is not a formal emission offset under a certified carbon credit system, and therefore, this activity should be classified as additional, reputational value actions within the scope of such commitments.







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miška

Thank you for  
being a part of  
a big impact!



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