
EUROPEAN FOREST INSTITUTE

TENDER SPECIFICATIONS

PROCUREMENT REFERENCE NUMBER 8-15.2.2020-CLEARING HOUSE-SURVEY

EUROPEAN-WIDE SOCIETAL SURVEY ON CITIZENS' PERCEPTIONS REGARDING URBAN TREES,
URBAN FORESTS AND URBAN GREEN SPACE

1. TERMS OF REFERENCE

1.1. Background

Trees and forests are a proven nature-based solution that contribute to sustainable urban development. Their potential for delivering ecosystem services, enhancing biodiversity and contributing to the wellbeing of urban societies is often underestimated and underused.

European Forest Institute (EFI) has received funding for project CLEARING HOUSE (<http://www.clearinghouseproject.eu>) under the European Union (EU) H2020 framework program under grant agreement number 821242. The CLEARING HOUSE project provides evidence and tools that facilitate mobilising the full potential of urban forests as nature-based solutions for rehabilitating, reconnecting and restoring urban ecosystems. This comprises every measure a city can take to address urban development challenges by deploying tree-based ecosystems.

Trees, forests and urban green space are often topic of debate in local politics and with local inhabitants. Pro-tree arguments (such as producing oxygen, providing space for recreation and gathering, carbon uptake, biodiversity) are raised when discussing a sustainable development of a city or town, but also anti-tree arguments appear in the public debate. The latter are related to nuisance by falling leaves, fruits or branches, damage by falling trees or roots, etc.

Insights into the perceptions of citizens related to urban trees and citizens' demands towards ecosystem services provided by urban trees and urban forests are critical for effective design and implementation of urban forests. With the aim of getting this insight, the CLEARING HOUSE project will run a representative survey with citizens in Europe and China.

1.2. Objective

The assignment will query a representative sample of European society on their perceptions regarding, use of, and demands towards urban forests and urban trees. Representativeness is to be understood as – under the assumptions of a simple random sample of European individuals – 95% confidence level and 5% confidence interval on national and European level.

1.3. Tasks and methodology

The Contractor shall conduct a survey on citizens' perceptions regarding urban trees, urban forests and urban green space using a web-based questionnaire (see attachment A, page 12-35 below for the draft English version of the questionnaire), with a set of defined questions in 29 languages provided by EFI (see Table 2 below for overview of languages). The Contractor will design a multi-platform (computer, tablets, cell phones and similar hand-held devices) layout of the questionnaire. The Contractor will refine the design and layout of the questionnaire – subject to EFI approval. As the data will be analysed according to rigorous scientific standards, the survey must result in a dataset that is representative for the respective countries listed in

Table 1 below and at the European scale. Representativeness is defined as 95% confidence level and confidence interval (margin of error) lower than 5%. The collection of data in a specific country has to be stopped if and when a confidence interval of 5% has been reached. The Contractor has to approach its survey panels throughout Europe (engagement/subcontracting of network/external service providers is allowed), until the confidence level and confidence interval mentioned above are reached at national (for the selected countries) and European level (for the 33 selected countries).

Table 1. Countries to be included in the survey

Country	
Albania	
Austria	
Belgium	
Bosnia and Herzegovina	
Bulgaria	
Croatia	
Czech Republic	
Denmark	
Estonia	
Finland	
France	
Germany	
Greece	
Hungary	
Ireland	
Italy	
Latvia	
Lithuania	
Norway	
Poland	
Portugal	
Romania	
Russia	
Serbia	
Slovakia	
Slovenia	
Spain	
Sweden	
Switzerland	
The Netherlands	
Turkey	
Ukraine	
United Kingdom	

Table 2. Languages to be included in the survey

Language
Albanian
Bosnian
Bulgarian
Croatian
Czech
Danish
Dutch
English (source language)
Estonian
Finnish
French
German
Greek
Hungarian
Italian
Latvian
Lithuanian
Norwegian
Polish
Portuguese
Romanian
Russian
Serbian
Slovak
Slovenian
Spanish
Swedish
Turkish
Ukrainian

The Contractor will ensure that the questionnaire includes a tool by which the respondent can locate (on a map, Google Maps, Open Street Map or similar) the forest he/she most frequently visit. The resulting data must include coordinates of the point indicated by the respondent (in Lambert Azimuthal Equal Area (LAEA) projection or WGS 84 projection).

Respondents must be at least 18 years of age, and must agree with filling in the survey by selecting an opt-in checkbox. The survey should not specifically be targeted to urban residents, but the share of urban residents filling out the questionnaire should not deviate from the national share of urban population by more than 4 % (for shares of urban versus rural

population see <https://data.worldbank.org/indicator/SP.URB.TOTL.IN.ZS>). Only questionnaires that answer the key questions (as indicated in the questionnaire with an asterisk in Attachment A) will count as filled-in. Responses where the respondents have made a systematic bias (e.g. choosing the first option in all questions), or where the time for filling in the questionnaire seems unreasonably short will not be counted as a filled-in questionnaire.

The targeted time needed for respondents to fill-in the questionnaire is 25 minutes. Both EFI and the Contractor will perform 'time-testing' of the draft questionnaire in order to test time needed to answer its questions. If the pre-testing results with average time to fill the questionnaire is above 25 min, EFI will decide together with the Contractor which questions shall be modified and/or deleted. If the average time to fill the questionnaire is below 25 min, then no modifications or deletions are needed.

The Contractor shall give EFI on-line access to the data collection process in real-time, where it will be possible to track individual responses on individual questions – in an anonymised form - and where the time of each individual response will be marked. Contractor shall provide EFI with access data to all complete and incomplete responses.

The questionnaire must be submitted only to the selected sample.

To guarantee the requirements above, the Contractor has to implement the following tasks:

1. Checking the draft questionnaire provided by EFI and to discuss methodological and technical suggestions to improve the survey with EFI, including suggesting options for geolocation of the forest most frequently visited by the respondent
2. Implementing the geolocation feature and test it together with EFI
3. Encoding the final questionnaire in 29 languages and test running with testing panel
4. Distributing the questionnaire and continuing the data collection until the representativity levels are reached, based on completely answered questionnaires
5. Store the collected data in a secured way
6. Providing access for EFI to check the data input in real time
7. Providing post-stratification rates to relate the outcomes per country to results for Europe as a whole.
8. Finalising the raw dataset and sending it to EFI through a secure internet connection in a CSV file, with location coordinates along Lambert Azimuthal Equal Area (LAEA) or WGS 84 projection.

In line with the requirements for EU-funded research, the servers where the data is stored, mirrored and backed-up have to be located in the European Union. The questionnaire must include an acknowledgement regarding the European funding of the research and a disclaimer (both provided by EFI to the Contractor).

1.4. Outputs/Deliverables

The Contractor has to deliver the following output to EFI – within forty (40) calendar days of the final questionnaire being approved by EFI: dataset with raw data of the survey results (in CSV format), in an anonymised way, but including the individual date and time stamps of starting and finalising the questionnaire.

The file will be transferred to EFI under a secured link (upload to EFI's Sharepoint).

After the dataset is delivered to EFI, and EFI has confirmed the validity and that the data are free of technical data corruption, the Contractor has to delete the file and the safety copies from its servers and any service providers the Contractor is cooperating with.

1.5. Implementation period

The following time schedule has to be followed (D0 – entry into force of contract, time schedule counted in calendar days):

- D0+10 – EFI to receive suggestions on the technical implementation of the questionnaire in general and on the implementation of the geolocation feature
- D0+15 – EFI and Contractor to have a virtual meeting to finalise the questionnaire
- D0+25 – EFI to send the final translations of the questionnaire to the Contractor
- D0+35 – Contractor to encode the questionnaire in 29 languages
- D0+50 – Test run done with panel in 29 languages
- D0+60 – EFI approves final questionnaires
- D0+65 – Final versions online and distribution of the survey
- D0+90 – Data collection finalised
- D0+100 – Final dataset sent to EFI
- D0+110 – Dataset to be approved by EFI

2. TENDER DOCUMENTATION

2.1. Administrative Documentation

The tender shall include the following documentation, properly filled out and signed:

- Cover letter (Annex 1)
- Identification form (Annex 2) including supporting documentation
- Declaration on Exclusion Criteria and Absence of Conflict of Interest (Annex 3)

The consortium agreement (Annex 4) shall be included, properly filled out and signed, if the tender is submitted jointly by a consortium of economic operators. The consortium agreement (Annex 4) shall not be included if the tender is submitted by a single Tenderer engaging/subcontracting of network/external service providers.

2.2. Technical Proposal

In order to evaluate the tender against the minimum criteria M.I. – M.II. and the award criteria A.I. – A.II. in section 3.1. and 3.2., the Tenderer shall submit a technical proposal consisting only of the following elements:

1. A **presentation of no more than two pages**, clearly indicating **under separate headings**:
 - the Tenderer's access to a network of survey panels across the 33 European countries listed in Table 1 (page 3 above).
 - the Tenderer's experience in encoding questionnaires using solutions compliant with the European Union General Data Protection Regulation (GDPR; Regulation (EU) 2016/679)
2. A **description of no more than three pages** showcasing understanding of undertaking data collection/surveys at the European scale, specifically addressing surveys aimed at supporting policy development or to be used in academic research.
3. A **presentation of no more than five pages on the Tenderer's methodology** for the assignment – building upon the Terms of Reference and the experience of the Tenderer – addressing the following elements **under separate headings**:
 - how the survey will be conducted
 - how representativeness at the national and European level is guaranteed – meaning representative conclusions with a 95% confidence level and 5% confidence interval at the national scale (for all selected countries) and at the European scale, addressing:

- i. the composition of the panels involved, across important socio-economic variables (age, gender, ratio of urban versus rural population, education)
 - ii. the measures taken for securing the quality of the responses, including measures taken to avoid over-representation of active internet users and filling in the survey under false identities
- the software being used for collecting the data:
 - i. how the geolocation feature will be implemented and in which form the geolocation data will be included in the raw dataset
 - ii. how EFI can monitor the data collection in real time
 - iii. explaining the measures taken to secure data security, data protection and privacy of the respondents. This includes security breaches, as well backing-up the dataset against technical failure in the hardware in use

2.3. Financial Proposal

The Tenderer shall submit a financial proposal, which shall be completed by using the form in annex 5 and by following the instructions therein.

3. EVALUATION OF TENDERS AND AWARD OF THE CONTRACT

3.1. Minimum Criteria

The Tenderer must meet the following criteria:

N°	Criteria description
M.I.	Access to a network of survey panels across the 33 European countries listed in Table 1 (page 3 above).
M.II.	Experience in encoding questionnaires using solutions compliant with the European Union General Data Protection Regulation (GDPR; Regulation (EU) 2016/679)

Tenders not fulfilling the minimum criteria will be rejected.

3.2. Award Criteria

Tenders which fulfil the minimum criteria will be evaluated using the following award criteria:

A. Technical component (maximum 75 points)

N°	Award criteria	Max points
A.I.	Understanding of undertaking data collection/surveys at the European scale, specifically addressing surveys aimed at supporting policy development or to be used in academic research.	30
A.II.	Methodology for the assignment	45
i.	how the survey will be conducted	15
ii.	how representativeness at the national and European level is guaranteed – meaning representative conclusions with a 95% confidence level and 5% confidence interval at the national scale (for all selected countries) and at the European scale, addressing: <ul style="list-style-type: none"> the composition of the panels involved, across important socio-economic variables (age, gender, ratio of urban versus rural population, education) 	15

	<ul style="list-style-type: none"> the measures taken for securing the quality of the responses, including measures taken to avoid over-representation of active internet users and filling in the survey under false identities 	
iii.	<p>the software being used for collecting the data:</p> <ul style="list-style-type: none"> how the geolocation feature will be implemented and in which form the geolocation data will be included in the raw dataset how EFI can monitor the data collection in real time explaining the measures taken to secure data security, data protection and privacy of the respondents. This includes security breaches, as well backing-up the dataset against technical failure in the hardware in use. 	15

The Technical component (TC) is calculated according to the following formula:

$$TC = A.I. + A.II.$$

Tenders must receive a score of more than half of the maximum Technical component to be considered qualitatively acceptable.

Tenders not considered qualitatively acceptable will not be considered further.

B. Financial component (maximum 25 points)

Tenders presenting a total financial proposal (Fo) superior to the maximum contract value of EUR 80,000 will not be considered further.

For tenders being considered, the Financial component (F) is calculated according to the following formula:

$$F = (F_{min} / F_o) \times 25$$

where

F_{min} is total sum in the tender in the evaluation with the lowest total financial proposal;
and

F_o is the total sum in the financial proposal being considered.

C. Most economically advantageous tender

A combined score (CS) will be calculated according to the following formula:

$$CS = TC + F$$

The Tenderer with the highest combined score (CS) for Technical component (TC) and Financial component (F) will be awarded the Contract.

Where two or more tenders have an equal combined score the contract will be awarded according to the highest score for the financial component (F).

Terms of reference, Attachment A: Questionnaire

A SURVEY ON THE ROLE OF FORESTS, CITY PARKS AND TREES FOR HUMAN WELL-BEING AND QUALITY OF LIFE

Welcome to our survey and thank you for your participation, we value your time and effort.

Forests, city parks and trees provide a multitude of benefits to us all including for example, clean air, protect water quality and space for recreation. These benefits are also called 'ecosystem services'. With this survey, we want to understand how you value the importance of these benefits.

This survey is part of the China-European research project called [CLEARING HOUSE](#). By filling this survey you will provide information that is very much needed to conserve and manage forests, city parks and trees in line with what society demands.

We will provide feedback too as a link to the analysis report on the survey will be go to all survey participants who express an interest in the results at the end of the survey.

Your participation is voluntary, and all responses are strictly anonymous. The personal information (age, gender, etc.) that you submit as part of the survey cannot be used to trace your answers back to you personally. Your answers are safely stored on secured servers within the European Union. [Link privacy policy](#). Please do not hesitate to contact us in case you have any questions or experience any technical problems.

Survey Contact: Dennis Roitsch at the European Forest Institute; dennis.roitsch@efi.int

The [CLEARING HOUSE project](#) has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 821242. Several Chinese partners contributed financially to the project.

Draft survey – European version

Section A: Personal information

0. Please select your language before proceeding* (Drop-down menu of languages)

1. What is your current country of residence?*

- ☐ Drop-down menu (Germany, United Kingdom, Poland, etc.)
- ☐ Other country if yours is not listed, please enter _____

2. Please indicate the year of your birth.*

- ☐ Please enter _____

3. What is your gender? *

- ☐ Female
- ☐ Male
- ☐ Other
- ☐ Prefer not to say

4. What is your highest level of education? *

- ☐ School up to 16 years of age
- ☐ School between 17 – 19 years of age
- ☐ Undergraduate university degree or equivalent (Bs)
- ☐ Postgraduate university diploma or degree (e.g. Ms, PhD)
- ☐ No qualifications

5. Could you indicate to which annual income category your household belongs (household income per year after taxes in 2019)?*

Less than 3 000 euro s	3 001 - 6 000 euro s	6 001 - 9 000 euro s	9 001 - 12 000 euro s	12 001 - 15 000 euro s	15 001 - 20 000 euro s	20 001 - 25 000 euro s	25 001 - 30 000 euro s	30 001 - 35 000 euro s	35 001 - 40 000 euro s	40 001 - 50 000 euro s	50 001 - 60 000 euro s	60 001 - 70 000 euro s	70 001 - 80 000 euro s	More than 80 000 euro s
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6. How many dependent children or young people (under 18 years of age) live in your household?

Please enter: _____

7. What is your postcode?* Please enter _____

8. Would you say you live...?

- ☐ City or town centre
- ☐ Suburb of a city or town
- ☐ Rural area nearby a city or town
- ☐ Rural area/countryside

9. What green spaces are normally accessible to you? (Multiple options possible)

- ☐ I can see trees from my windows
- ☐ I have my private garden with at least one tree
- ☐ I can regularly access a friend's/acquaintance's private garden with trees
- ☐ There is a forest or public green space with trees less than 150 meters from where I live
- ☐ There is a forest or public green space with trees between 151 and 400 meters from where I live
- ☐ There is a forest or public green space with trees between 401 and 800 meters from where I live
- ☐ There is a forest or public green space with trees between 801 and 1600 meters from where I live
- ☐ There is a forest or public green space with trees between 1601 and 3200 meters from where I live
- ☐ There is a forest or public green space with trees between 3201 and 5000 meters from where I live
- ☐ Within 5 km, I have no green space available to me

10. How many inhabitants does the city, town, village you live in have?

- ☐ <5,000 inhabitants
- ☐ 5,000 – 20,000 inhabitants
- ☐ 20,001 - 100,000 inhabitants
- ☐ 100,001 – 500,000 inhabitants
- ☐ 500,001 – 1,000,000 inhabitants
- ☐ 1,000,001 – 3,000,000 inhabitants
- ☐ ≥ 3,000,001 inhabitants

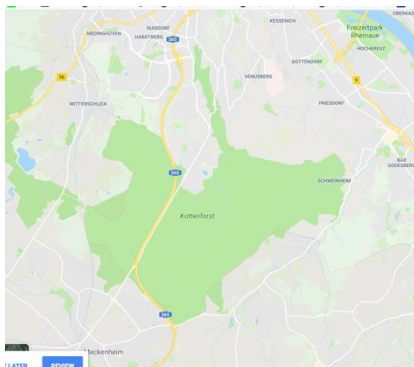
Section B: Your views on forests, parks

This section addresses questions about the importance of various benefits, disbenefits and characteristics of forests and city parks that you visit most often. In this study, we understand forests as any landscape made up of a large number of trees. Together, these trees form a natural system that supports a variety of life forms. Parks are public green spaces in or close to the residential areas for predominantly recreational use, which can include all types of recreational infrastructure as well as trees. Depending on which area you visit most frequently, you can answer the following questions for forests in rural areas, forests in urban areas or for parks and green spaces that include trees in a town or city.

11. What do you visit most frequently?*

- Forest in the countryside ([Leads to B2, p.6: forest in rural area](#))
- Forest in or nearby a city or town ([Leads to B2, p6: forest in peri-urban/urban area](#))
- Park in a city or town ([Leads to section B2](#))
- I do not go to a forest/park at all ([Leads to B1, p 5](#))

Please show us where the forest/park that you most frequently visit is located. Your location and the location of the forest/park will be processed only in an anonymised way, so that no connection between survey information and your location will be possible.



Section B1: I do not go to a forest/park at all

12. Please indicate the main reason why you do not go to a forest/park*

Category	
I do not have time	
I am not interested to go	
It's too far away from where I live	
I am physically not able to get there	
I have a fear to get lost	
I have a fear of danger related to falling trees/branches	
I have a fear of wild animals	
I have a fear of domestic animals (e.g. dogs)	
I have allergies	
I think its unsafe	
I fear to get unwell while being in the forest or park	
I find forest or park around where I live to be untidy places	
The forests around me are lacking parking space	
I cannot go to the forest or park as these are not accessible by public transport, bike or on foot	
Other reason	

Forests provide benefits (positive effects) and disbenefits (negative effects) for society and we are interested to understand your views on the following questions.

13. How important are the following benefits of forests to you?*

Slider (In the online version, we will use a slider corresponding to the numbers below; for testing just use any number between 0-100):

- ☐ I think forests do not provide benefits
- ☐ Is not important
- ☐ Is very much important

Forests...		Slider
...Provide wood for timber and furniture		
...Provide fuelwood		
...Provide products other than wood (e.g. mushrooms, berries, nuts, medicinal plants)		
...Provide opportunities to hunt game		
...Protect water quality and protect soils from erosion		
...Improve air quality		
...Store carbon and reduce climate change		
...Provide living space for plants and animal species		
...Provide cultural, emotional and spiritual value		
...Provide opportunities for education (e.g. for forest kindergartens, schools)		
...Provide recreation and sports opportunities		
...Provide benefits to human health and well-being		
...Lessen the negative impact of natural hazards (e.g. storms, floods)		
...Provide jobs and economic activity		
...Are beautiful		
...Reduce noise		
...Reduce temperature		

14. How important are the following disbenefits of forests to you?*

- ☐ 1=Very unimportant
- ☐ 5=Very important

- ☐ I think forests do not produce disbenefits

Forests...	Likert scale
...Are obscuring views	

...Are foregone land use opportunity (e.g. less land for industry, housing and businesses)	
...Cause damage to public infrastructure (e.g. trees falling on electricity lines)	
...Have a negative impact on local climate	
...Are unsafe (e.g. uncontrolled pet dogs, risk of crime, falling branches)	
...Contribute to air pollution from blocking wind	
...Are a source of health risks (e.g. wildlife/insect bites, allergies)	
...Are a cost to society (e.g. costs for planting, maintaining, removal)	
...Pose a threat to homes and properties (e.g. forest fires, storms)	
...Cause environmental issues (e.g. spread of invasive species)	

15. Overall: Please evaluate the proportion of benefits and disbenefits that forests provide to you

Likert: 1= Only disbenefits; 5=Only benefits

Section B2: Forest in the countryside/Forest in or nearby a city or town/Park in a city or town

This section addresses questions about the benefits (positive effects) and disbenefits (negative effects) of the **forest in the countryside** that you visit most frequently.

This section addresses questions about the benefits (positive effects) and disbenefits (negative effects) of the **forest in or nearby a city or town** that you visit most frequently.

This section addresses questions about the benefits (positive effects) and disbenefits (negative effects) of the **park in a city or town** that you visit most frequently.

(...Text will change depending on selection)

16. The forest/park you indicated on the map may offer several benefits. How important are the following benefits of this forest/park to you? *

(The terminology change to the type of forest or park chosen!)

Slider: (In the online version, we will use a slider corresponding to the numbers below; for testing just use any number between 0-100):

- 0= I think that forest/park does not provide benefits
- 1=Is not important
- 100=Is very much important

That forest That park		Slider
...Provides wood for timber and furniture		
...Provides fuelwood		
...Provides products other than wood (e.g. mushrooms, berries, nuts, medicinal plants)		
...Provides opportunities to hunt game		
...Protects water quality and protect soils from erosion		
...Improves air quality		
...Stores carbon and reduces climate change		
...Provides living space for plants and animal species		
...Provides cultural, emotional and spiritual value		
...Provides opportunities for education (e.g. for forest kindergartens, schools)		
...Provides recreation and sports opportunities		
...Provides benefits to human health and well-being		
...Lessens the negative impact of natural hazards (e.g. storms, floods)		
...Provides jobs and economic activity		
...Is beautiful		
...Reduces noise		

...Reduces temperature		
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17. On average, how often do you visit this forest/park?

- ☐ Once a year
- ☐ Monthly
- ☐ 2-3 times a month
- ☐ Once per week
- ☐ 2-3 times per week
- ☐ 4-6 times a week
- ☐ Daily

18. How do you typically get to this forest/park? (One answer)

Please select from the list below.

- ☐ Walking
- ☐ Cycle
- ☐ Car
- ☐ Public transport

19. How long do you need to travel to this forest/park?

- ☐ Please enter travel time ____ (in minutes)
- ☐ I do not know

20. The forest/park you indicated on the map may have several disbenefits. How important are the following disbenefits of this forest/park to you?*

- ☐ 1= Very unimportant
- ☐ 5= Very important
- ☐ I think this forest/park does not have disbenefits

That forest...	Likert
That park...	
...is obscuring views	
...Is foregone land use opportunity (e.g. less land for industry, housing and businesses)	
...Causes damage to public infrastructure (e.g. trees falling on electricity lines)	
...Has a negative impact on the local climate	

... Is unsafe (e.g. uncontrolled pet dogs, risk of crime, falling branches)	
...Contributes to air pollution from blocking wind	
...Is a source of health risks (e.g. wildlife/insect bites, allergies)	
...Is a cost to society (e.g. costs for planting, maintaining, removal)	
...Poses a threat to homes and properties (e.g. forest fires, storms)	
...Causes environmental issues (e.g. spread of invasive species)	

21. Overall: Please evaluate the proportion of benefits and disbenefits that this forest/
park provides to you

Likert: 1= Only disbenefits; 5=Only benefits

22. The forest/park you indicated on the map may have certain characteristics. How
important are the following characteristics of this forest/park to you?*

Please only rate the characteristics that apply to the forest/park you indicated on the
map.

(Likert: 1=Very unimportant; 5=Very important)

Characteristics	Likert
Cleanliness	
Within close reach (time to get there)	
Accessibility (e.g. parking space, public transport, secure bike stalls)	
Light at night	
Availability of garbage bins	
Water features (e.g. ponds, fountains, streams, lakes)	
Soft pathways (blank soils, sand)	
Hard Pathways (concrete, asphalt)	

Presence of recreational areas (e.g. sports fields)	
Presence of road signs and information panels	
Availability of benches	
Availability of playgrounds	
Availability of public toilets	
Availability of picnic places	

23. Please specify the reasons why you go to the forest/park you indicated on the map*
(Likert: 1= Very unimportant; 5=Very important)

Reasons	Likert
To physically exercise (running, biking, horse riding, swimming, etc.)	
To walk the dog(s)	
To take the children out	
To be alone & relax	
For social activities (e.g. to meet friends and family, picnics, BBQs)	
To get away from everyday life	
To enjoy its climate	
To enjoy the beauty	
To learn about nature	
Other main reason	

Section C: Your views on forests, parks and other urban green spaces with trees

In this section we would like to see which type of landscape you find most beautiful close to where you live.

24. From the pictures below, please select the landscape which you find most attractive*





25. From the pictures below, please select the landscape which you think offers the most benefits provided by nature to society*







Section D: Relationship between humans and the environment.

In this section listed below are statements about the relationship between humans and the environment. For each statement, please indicate whether you strongly disagree, mildly disagree, unsure, mildly agree, strongly agree

(Scale: 5 point Likert scale: Strongly disagree, Mildly disagree, Unsure, Mildly agree, Strongly agree)

1. *We are approaching the limit of the number of people the Earth can support*
2. *Humans have the right to modify the natural environment to suit their needs.*
3. *When humans interfere with nature it often produces disastrous consequences.*
4. *Human ingenuity will ensure that we do not make the Earth unliveable.*
5. *Humans are seriously abusing the environment.*
6. *The Earth has plenty of natural resources if we just learn how to develop them.*
7. *Plants and animals have as much right as humans to exist.*
8. *The balance of nature is strong enough to cope with the impacts of modern industrial nations.*
9. *Despite our special abilities, humans are still subject to the laws of nature.*
10. *The so-called "ecological crisis" facing humankind has been greatly exaggerated*
11. *The Earth is like a spaceship with very limited room and resources.*
12. *Humans were meant to rule over the rest of nature.*
13. *The balance of nature is very delicate and easily upset.*
14. *Humans will eventually learn enough about how nature works to be able to control it.*
15. *If things continue on their present course, we will soon experience a major ecological catastrophe.*

Next we would be interested in learning more about how you would characterize your own personality. Please position yourself in regard to the below statements – to what extent the described persons are like you?*

Likert scale: Not like me at all, not like me, a little like me, somewhat like me, like me, Very much like me

1.	<i>Thinking up new ideas and being creative is important to her/him. She/he likes to do things in her/his own original way.</i>
2.	<i>It is important to her/him to be rich. She/he wants to have a lot of money and expensive things.</i>
3.	<i>She/he thinks it is important that every person in the world should be treated equally. She/he believes everyone should have equal opportunities in life.</i>
4.	<i>It's important to her/him to show her/his abilities. She/he wants people to admire what she/he does.</i>
5.	<i>It is important to her/him to live in secure surroundings. She/he avoids anything that might endanger her/his safety.</i>
6.	<i>She/he likes surprises and is always looking for new things to do. She/he thinks it is important to do lots of different things in life.</i>
7.	<i>She/he believes that people should do what they're told. She/he thinks people should follow rules at all times, even when no-one is watching.</i>
8.	<i>It is important to her/him to listen to people who are different from her/him. Even when she/he disagrees with them, she/he still wants to understand them.</i>
9.	<i>It is important to her/him to be humble and modest. She/he tries not to draw attention to herself/himself.</i>

10.	<i>Having a good time is important to her/him. She/he likes to "spoil" herself/himself.</i>
11.	<i>It is important to her/him to make her/his own decisions about what she/he does. She/he likes to be free and not depend on others.</i>
12.	<i>It's very important to her/him to help the people around her/him. She/he wants to care for their well-being.</i>
13.	<i>Being very successful is important to her/him. She/he hopes people will recognise her/his achievements.</i>
14.	<i>It is important to her/him that the government ensures her/his safety against all threats. She/he wants the state to be strong so it can defend its citizens.</i>
15.	<i>She/he looks for adventures and likes to take risks. She/he wants to have an exciting life.</i>
16.	<i>It is important to her/him always to behave properly. She/he wants to avoid doing anything people would say is wrong.</i>
17.	<i>It is important to her/him to get respect from others. She/he wants people to do what she/he says.</i>
18.	<i>It is important to her/him to be loyal to her/his friends. She/he wants to devote herself/himself to people close to her/him.</i>
19.	<i>She/he strongly believes that people should care for nature. Looking after the environment is important to her/him.</i>
20.	<i>Tradition is important to her/him. She/he tries to follow the customs handed down by her/his religion or her/his family.</i>
21.	<i>She/he seeks every chance she/he can to have fun. It is important to her/him to do things that give her/him pleasure.</i>

Section E: Trees near where you live

The following section is about trees outside of forests and outside parks. Depending on where you live, these can be trees in private and public gardens, in public squares, in commercial areas, or along streets.

26. Overall, do you think your municipality has too many or too few trees?*

Likert: 1=Way too few trees; 5=Way too many trees

Now please answer for one area that is most important to you personally.

27. For what area in your city or town would you like to respond to below?*

- ☐ Trees in private gardens
- ☐ Trees in public gardens
- ☐ Trees in public squares
- ☐ Trees in commercial areas (e.g. downtown shopping area, high street, central business districts)
- ☐ Trees along streets

28. Trees (in/along) may offer several benefits. How important are the following benefits of trees to you? *

- I think trees (in/along) do not offer benefits

(Likert: 1=Very unimportant; 5=Very important)

Trees...		Likert scale here
...Provide fuelwood		
...Provide products other than wood (e.g. nuts)		
...Protect water quality and protect soils from erosion		
...Improve air quality		
...Store carbon and reduce climate change		
...Provide living space for plants and animal species		
...Provide cultural, emotional and spiritual value		
...Provide recreation and sports opportunities		
...Provide benefits to human health and well-being		
...Lessen the negative impact of natural hazards (e.g. storms, floods)		
...Are beautiful		
...Reduce noise		
...Reduce temperature		

29. Trees (in/along) may have disbenefits. How important are the following disbenefits of trees to you? *

- I don't think trees (in/along) have disbenefits

(Likert: 1=Very unimportant; 5=Very important)

Trees...	Likert scale
...Are obscuring views	
...Are foregone land use opportunity (e.g. less land for industry and businesses)	
...Cause damage to public infrastructure (e.g. trees falling on electricity lines, trees damaging streets/sidewalks)	
...Have a negative impact on the local climate	

... Are unsafe (e.g. falling branches on people)	
...Contribute to air pollution from blocking wind	
...Are a source of health risks (e.g. wildlife/insect bites, allergies)	
...Are a cost to society (e.g. costs for planting, maintaining, removal)	
...Pose a threat to private homes and properties (e.g. fires, storms)	
...Cause environmental issues (e.g. spread of invasive species)	
...Create dirt and debris (e.g. falling leaves and fruits)	

30. Please rate your level of agreement with the following statements

Likert: 1=Strongly disagree; 5= Strongly agree

I would like new trees planted close to my house	
I would like new trees planted in parks, green spaces and forests in my city or town	
There should be more information on trees for residents	
I consider trees when selecting a place to live	
Tree removal should be prohibited by law	
More public funding should be available for managing existing trees	
There should be more engagement to plant new trees from the private sector (investors, businesses)	
The trees in my city/town are well managed	
I feel that I am involved in the decision-making on trees in my city/town	
Trees along streets are a security risk	
New infrastructure (e.g. roads) and developments (e.g. housing) should give space to trees	
Car parks should be removed to plant more trees	

Section F: Visits in forests, city parks and green space with trees during the coronavirus outbreak

After the coronavirus outbreak, countries enacted restrictions (school and shop closures, event cancellations, social distancing, etc.) to reduce the rate at which the virus spreads. In this section we would like to know how these measures affected your habits when visiting green spaces between March and May 2020. Green spaces are forests in the countryside, forests in or nearby your city or town or parks and green space with trees in your city or town.

31. Please think of a forest/city park or green space with trees that you visit most frequently. How often did you visit this forest/city park or green space with trees on average per month during the coronavirus restrictions in spring 2020?

- ☐ Never
- ☐ Less than once a month
- ☐ Monthly
- ☐ 2-3 times a month
- ☐ Once per week
- ☐ 2-3 times per week
- ☐ 4-6 times a week
- ☐ Daily

32. When you compare the frequency of your visits to this forest/city park or green space with trees during the time of the coronavirus restrictions in your region with the visits prior to this time, how has the frequency changed?

- ☐ I did not visit a forest/city park/green space with trees during the coronavirus restrictions ([Leads to Q34](#))
- ☐ I went much more often than usual ([Leads to Q33](#))
- ☐ I went the same as before ([End of survey](#))
- ☐ I went far less often ([Leads to Q34](#))

33. Please indicate the main reason why you went to this forest/city park or green space with trees more frequently during the coronavirus lockdown (more than one main reason is possible) ([If Q32 is answered with "I go much more often than usual"; multiple options possible](#))

Category	
To physically exercise (running, biking, horse riding, swimming, etc.)	
To walk the dog(s)	
To take the children out	

To be alone & relax	
For social activities (e.g. to meet friends and family)	
To disconnect from everyday life	
To enjoy its climate	
To enjoy its beauty	
To learn about nature	
To better cope with the situation	
I went more often as there is a lack of alternative leisure time activities	
I went more often as I have more time available	
Other reason	

34. Please indicate the main reason why you went to this forest/city park or green space with trees less frequently/not at all during the coronavirus outbreak (more than one main reason possible) (If Q32 is answered with "I went less often"; Multiple options possible)

- ☐ Because I want to avoid meeting other people
- ☐ Because the forest/city park or green space was congested and crowded with other people
- ☐ Because regulation did not allow me to enter
- ☐ Because general advice was to stay at home
- ☐ Because it is more difficult for me to reach the green space during the pandemic (e.g. by reduced public transport services, or because of restrictions to travel by car or bike)
- ☐ Because I was sick
- ☐ Because it is not helping me to cope with the situation
- ☐ Other reasons

35. How often did you visit a forest/ park after the COVID-19 induced main restrictions ended (in May) compared to before the lockdown started (in March)? (To conclude this section)

Likert:

- ☐ Considerably more than before (Value=1)
- ☐ The same (Value=3)
- ☐ Considerably less than before (Value=5)

G. Last part of the survey: some questions about you

36. What citizenship(s) do you have? *

If you have several citizenships, please tick all appropriate boxes to indicate your citizenships (*Note: Allow for multiple answers!*)

- ☐ Drop-down menu (German, Polish, Dutch, etc.)
- ☐ Other country, please enter _____ (*Note: Unless all are included above*)
- ☐ None, stateless
- ☐ Prefer not to answer

37. Have you had the citizenship of your country of residence since birth? *

- ☐ No ([then Q37a](#))
- ☐ Yes ([End of survey](#))

37a. What was your citizenship at birth? ([If respondent does not have citizenship of country of residence since birth](#))

Please tick all appropriate boxes to indicate your citizenships (*Note: Allow for multiple answers*)

- ☐ Drop-down menu (German, Polish, Dutch, etc.)
- ☐ Other country, please enter _____ (*Note: Unless all are included above*)
- ☐ Prefer not to answer

37b. Since when have you been living in your country of residence?

- ☐ Since the year: _____
- ☐ Prefer not to answer

37c. Where did you live for most of your childhood and adolescence?

Please indicate:

Drop-down menu (Germany, Poland, etc.)

- Other country, please enter _____ (*Note: Unless all are included above*)
- Prefer not to answer

Thank you

ANNEXES

Annex 1	Cover letter
Annex 2	Identification form
Annex 3	Declaration on exclusion criteria and absence conflict of interest
Annex 4	Consortium agreement
Annex 5	Financial Proposal form
Annex 6	Model contract