



City Forest Credits Carbon Preservation Project Application

Note to applicants: The project application will be posted on the Carbon Project Registry on the project page so it should not include any confidential information. Submit a draft application in word format to City Forest Credits before signing the final version. Include a map of the project area with application.

1. Project Name

For example: Sandy Cross Forest Preservation

2. Project Type

Preservation

3. Project Location

Project must be in or adjacent to one of the following. Describe which one of the criteria the project meets and provide name of city, town, or jurisdiction where project is located.

- *“Urban Area” per Census Bureau maps; see <https://www.census.gov/geographies/reference-maps/2010/geo/2010-census-urban-areas.html>*
- *An incorporated or unincorporated city or town*
- *A planning area for a regional metropolitan planning agency or entity*
- *Land owned, designated, and used by a municipal or quasi-municipal entity for source water or watershed protection*
- *A transportation or utility right of way through one of above*

4. Project Operator

Provide name of organization/entity, and contact information

Organization/Entity:

Address:

City:

State:

Zip:

Contact(s):

Phone:

Email:

5. Project Description

Provide short narrative of the overall project goals, project acreage, land ownership, forest characteristics, and land use/zoning

6. Project Impacts

Provide short narrative of the impacts this project will achieve. Examples include how the project addresses increased access to green spaces for under-resourced communities, flood control, watershed protection, human health benefits, recreation or bird and wildlife habitat.

7. Additional Information

Provide additional information about your project. Examples include collaboration with other partners or how this project fits into a larger effort.

Signed on [insert month and date] in 2022, by [insert name and title of person authorized to sign], for [insert Project Operator name].

Signature

Printed Name

Phone

Email



**[Include Project Name Here]
Project Design Document**

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INSTRUCTIONS

Project Operators must complete and submit this Project Design Document (PDD) to request credits. City Forest Credits (CFC) then reviews this PDD as part of the validation process along with all other required project documents. An approved third-party verifier then conducts verification.

The Protocol Requirements below are a list of eligibility requirements for informational purposes which are also found in the CFC Tree Preservation Protocol Version 11.40, dated February 7, 2022.

Project Operators will enter data and supporting attachments starting on page 6 under Project Overview where you find “[Enter text here]” as thoroughly as possible and provide numbered attachments for maps and other documentation (ex: 1 – Regional Map).

PROTOCOL REQUIREMENTS

Project Operator (Section 1.1)

Identify a Project Operator for the project. This is the entity or governmental body who takes responsibility for the project for the 40-year duration.

Project Duration and Project Implementation Agreement (Section 1.2, 2.2)

Project Operator must commit to a 40-year duration and sign a Project Implementation Agreement. This is a 40-year agreement between the Project Operator and City Forest Credits (the “Registry”) for an urban forest carbon project.

Location Eligibility (Section 1.3)

Projects must be located in or along the boundary of at least one of the following criteria:

- A. “Urban Area” per Census Bureau maps; see <https://www.census.gov/geographies/reference-maps/2010/geo/2010-census-urban-areas.html>
- B. The boundary of any incorporated city or town created under the law of its state;
- C. The boundary of any unincorporated city, town, or unincorporated urban area created or designated under the law of its state;
- D. The boundary of any regional metropolitan planning agency or council established by legislative action or public charter. Examples include the Metropolitan Area Planning Council in Boston, the Chicago Municipal Planning Agency, the Capital Area Council of Governments (CAPCOG) in the Austin area, and the Southeastern Michigan Council of Governments (SEMCOG)
- E. The boundary of land owned, designated, and used by a municipal or quasi-municipal entity for source water or watershed protection. Examples include Seattle City Light South Fork Tolt River Municipal Watershed (8,399 acres owned and managed by the City and closed to public access);
- F. A transportation, power transmission, or utility right of way, provided the right of way begins, ends, or passes through some portion of A through D.

Ownership or Right to Receive Credits Eligibility (Section 1.5)

Project Operator must demonstrate ownership of property and eligibility to receive potential credits by meeting one of the following:

- A. Own the land and potential credits upon which the Project trees are located; or

- B. Own an easement or equivalent property interest for a public right of way within which Project trees are located and accept ownership of those Project trees by assuming responsibility for maintenance and liability for them; or
- C. Have a written and signed agreement from the landowner, granting ownership to the Project Operator of any credits for carbon storage, other greenhouse gas benefits, and other co-benefits delivered by Project trees on that landowner's land. If the Project Area is on private property, the agreements in this sub-section must be recorded in the public records in the county where the property is located. The recordation requirement can be satisfied if the agreements specified in this sub-section are contained in a recorded easement, covenant, or deed restriction on the property.

Demonstrate Tree Preservation (Section 4.1)

The Project Operator must show that the trees in the Project Area are preserved from removal by a recorded easement, covenant, or deed restriction (referred to hereafter as "Recorded Encumbrance") with a term of at least 40 years. This action is referred to as the "Preservation Commitment." This Recorded Encumbrance must be recorded not later than 12 months after Registry approval of the Project's Application.

Demonstrate Threat of Loss (Section 4.2, 4.3, and 4.4):

The Project Operator must show that prior to the Preservation Commitment:

- Project trees were not preserved from removal through a Recorded Encumbrance or other prohibitions on their removal,
- The Project Area was:
 - In a land use designation that allowed for at least one non-forest use. Non-forest uses include industrial, commercial, transportation, residential, agricultural, or resource other than forest, as well as non-forest park, recreation, or open space uses.
 - Is not in an overlay zone that prohibits all development. Examples include critical areas or wetland designations.
- The Project Area met one of the following conditions:
 - Surrounded on at least 30% of its perimeter by non-forest, developed or improved uses, or
 - Sold, conveyed, or had assessed value within three years of preservation for greater than \$8,000 average price per acre for the bare land, or
 - Would have a fair market value after conversion to a non-forested "highest and best use" greater than the fair market value after preservation in subsection 4.1, as stated in a "highest and best use" study from a state certified general real estate appraiser in good standing

Additionality (Section 4 and 10)

Additionality is ensured through the following:

- Prior to the start of the project, the trees in the project area are not protected via easement or recorded encumbrance or in a protected zoning status that preserves the trees.
- The zoning in the project area must currently allow for a non-forest use
- The trees in the project area face a threat or risk of removal or conversion out of forest

- The Project Operator records in the public land records an easement, covenant, or deed restriction specifically protecting the trees for the project duration of 40 years or 100 years (40 or 100 years depending on the protocol version)

Quantification for Credits (Section 10)

The full Protocol describes the following steps for carbon stock and soil carbon quantification in detail:

1. Stored carbon stock present in Project Area (Section 10.1)
Estimate the biomass stock present and adjust for uncertainty to calculate the “Accounting Stock”. This can be done using the US Forest Service General Technical Report NE-343 tables, on-site inventory of some live trees with i-Tree methods and tools, or an on-site forest inventory
2. Areas expected to remain in trees after potential development (Section 10.2)
Calculate the fraction of the Accounting Stock that likely would be emitted as a result of development, to calculate “Avoided Biomass Emissions”
3. Claiming additional credit for growth (Section 10.3)
The Project Operator may elect to also account for ongoing growth of trees within the Project Area after Project Commencement
4. Quantification of soil carbon (Section 10.4)
Calculate “Avoided Soil Carbon Emissions” caused by conversion of soils to impervious surfaces in the Project Area
5. Deduction for displaced development (Section 10.5)
Apply the deductions in Section 10.5 and Appendix B to Biomass and Soil Carbon calculations to adjust for development and emissions that would be displaced by the preservation of the Project Area (leakage deductions). This will reduce the creditable tonnes of Avoided Biomass Emissions and Avoided Soil Carbon Emissions to adjust for displaced development
6. Quantify Co-Benefits (Section 10.6)
The Project Operator will calculate co-benefits separately from CO₂(e). The Registry will supply a spreadsheet template based on their climate zone, and will provide values for rainfall interception, reductions of air compounds, and energy savings.

Social Impacts (Section 11)

The Project Operator will describe how the Project impacts contribute towards achievement of the global UN Sustainable Development Goals (SDGs). The Registry will supply a template to evaluate how the Project aligns with the SDGs.

Attestation of No Net Harm and No Double Counting (Section 5)

The Project Operator will sign an attestation that no project shall cause net harm and no project shall seek credits on trees, properties, or projects that have already received credits.

Validation and Verification by Third-Party Verifiers (Section 12 and 13)

Project compliance and quantification must be verified by a third-party Validation and Verification Body approved by the Registry.

Issuance of Credits to Project Operator (Section 6)

Ex-post credits are issued after the biomass is protected via a recorded encumbrance protecting the trees. Issuance is phased or staged over one and five years at the equivalent of 50 acres of crediting per year. This staged issuance reflects the likely staging of development over time if the project area were to have been developed.

After validation and verification, the Registry issues credits to the Project Operator based on the Project Area size:

- 50 acres or less: all credits are issued after validation and verification
- Greater than 50 but less than 200 acres: credits are issued in the equivalent of 50 acres per year
- Greater than 200 acres: credits are issued in equal amounts over five years

Credits for Reversal Pool Account (Section 6.3):

The Registry will issue 90% of Project credits earned and requested and will hold 10% in the Registry's Reversal Pool Account.

Understand Reversals (Section 8)

If the Project Area loses credited carbon stock, the Project Operator must return or compensate for those credits if the tree loss is due to intentional acts or gross negligence of Project Operator. If tree loss is due to fire, pests, or other acts of god (i.e., not due to the Project Operator's intentional acts or gross negligence), the Registry covers the reversed credits from its Reversal Pool Account of credits held back from all projects.

Monitoring and Reporting (Section 7)

The Project Operator must submit a report every three years for the project duration. The reports must be accompanied by some form of telemetry or imaging that captures tree canopy, such as Google Earth, aerial imagery, or LiDAR. The reports must estimate any loss of stored carbon stock or soil disturbance in the Project Area.

PROJECT OVERVIEW

Project Name: [Enter text here]

Project Number: [CFC to provide number]

Project Type: Preservation Project (under the Tree Preservation Protocol – version 11.40, dated February 7, 2022)

Project Start Date: [Date Preservation Commitment document was signed]

Project Location: [Enter name of city, town, or jurisdiction]

Project Operator Name: [Enter text here]

Project Operator Contact Information: [Enter text here]

Project Description:

Describe overall project goals as summarized in application (2 paragraphs)

[Enter text here]

LOCATION OF PROJECT AREA (Section 1.3 and 1.4)

Project Area Location

Describe where the Project Area is located and how it meets the location criteria.

[Enter text here]

Project Area Parcels

List of parcel(s) in the Project Area.

Jurisdiction / Location	Parcel Number	Description / Notes

Project Area Maps

Provide maps of the Project Area with geospatial location vector data in 1) pdf form and 2) any file type that can be imported and read by Google Earth Pro (example KML, KMZ, or Shapefile format). Maps should include relevant urban or town boundaries, legend, and defined Project Area.

Geospatial location (boundaries) of Project Area

Filename: [Enter text here]

Regional-scale map of Project Area

Filename: [Enter text here]

Detailed map of Project Area

Filename: [Enter text here]

OWNERSHIP OR ELIGIBILITY TO RECEIVE POTENTIAL CREDITS (Section 1.5)

Project Operator must demonstrate ownership of potential credits or eligibility to receive potential credits. If the Project Operator is not the same as the landowner of the Project Area, provide agreement(s) between Project Operator and landowner authorizing Project Operator to execute this project.

Name of landowner of Project Area and explanation:

[Enter text here]

Filename: [Enter text here]

PRESERVATION COMMITMENT (Section 4.1)

Describe the Preservation Commitment terms and provide a complete copy of the recorded document. If Project Area does not have the same boundaries as Preservation Commitment, please state the reasons why.

Preservation Term (years applicable): [Enter text here]

Preservation Commitment explanation: [Enter text here]

Filename: [Enter text here]

Date signed and date recorded: [Enter text here]

DEMONSTRATION OF THREAT OF LOSS (Section 4.2, 4.3, and 4.4)

Describe the Project Area land use designation that allows for at least one non-forest use. Describe any overlay zones such as critical areas and their protection buffers, legal encumbrances, and any other pre-existing tree/forest restrictions that may have hindered removal of the Project Trees (in the pre-Preservation Commitment condition). Provide supporting evidence.

Land use designation(s): [Enter text here]

Filename: [Enter text here]

Overlay zones or other restrictions: [Enter text here]

Filename: [Enter text here]

Threat of loss (Section 4.4 A, B, or C):

Describe which of the three conditions the Project Area meets and provide supporting evidence such as maps, sale or assessed value documentation, or appraisal information.

[Enter text here]

Filename: [Enter text here]

ATTESTATION OF NO DOUBLE COUNTING OF CREDITS AND NO NET HARM (Section 5)

Complete and attach the following attestation: Attestation of No Double Counting of Credits and Attestation of No Net Harm. Provide any additional notes as relevant.

[Enter text here]

Filename(s): [Enter text here]

ADDITIONALITY (Section 4 and 10)

Additionality is demonstrated by carbon projects in several ways, as described in the City Forest Credits Standard Section 4.9.1 and Tree Preservation Protocol.

Project Operator demonstrates that additionality was met through the following:

- Prior to the start of the project, the trees in the project area are not protected via easement or recorded encumbrance or in a protected zoning status that preserves the trees
 - See Demonstration of Threat of Loss section above
- The zoning in the project area must currently allow for a non-forest use
 - See Demonstration of Threat of Loss section above
- The trees in the project area face some threat risk of removal or conversion out of forest

- See Demonstration of Threat of Loss section above
- The Project Operator records in the public land records an easement, covenant, or deed restriction specifically protecting the trees for the project duration of 40 years or 100 years (40 or 100 years depending on the protocol version)
 - See Preservation Commitment section above

Taken together, the above elements allow crediting only for unprotected trees, at risk of removal, which are then protected by a project action of preservation, providing additional avoided GHG emissions.

Additionality is embedded also in the quantification methodology. Projects cannot receive credits for trees that would have remained had development occurred, nor can they receive soil carbon credits for soil that would have been undisturbed had development occurred.

CARBON QUANTIFICATION DOCUMENTATION (Section 10)

Follow detailed instructions in the Protocol for conducting quantification and use the Carbon Quantification Spreadsheet to show calculations. Ensure that your requested credit issuance schedule (issuance dates) is accurate and complete in the spreadsheet. Project Operators should describe and appropriately reflect in their carbon quantification any and all planned future activities that may affect the percent canopy or carbon stocking in any way.

Summary numbers from Carbon Quantification Spreadsheet

Project Area (acres)	
Does carbon quantification use stratification (yes or no)	
Percent tree canopy cover within Project Area	
Project stock (tCO ₂ e)	
Accounting Stock (tCO ₂ e)	
On-site avoided biomass emissions (tCO ₂ e)	
On-site avoided soil carbon emissions (tCO ₂ e)	
Deduction for displaced biomass emissions (tCO ₂ e)	
Deduction for displaced soil emissions (tCO ₂ e)	
Credits from avoided biomass emissions (tCO ₂ e)	
Credits from avoided soil emissions (tCO ₂ e)	
Total credits from avoided biomass and soil emissions (tCO ₂ e)	
Credits attributed to the project (tCO ₂ e), excluding future growth	
Contribution to Registry Reversal Pool Account	
Total credits to be issued to the Project Operator (tCO₂e) <i>(excluding future growth)</i>	

GHG Assertion:

Project Operator asserts that the Project results in GHG emissions mitigation of _____ tons CO₂e

Approach to quantifying carbon

Describe general approach you used to quantify carbon (e.g. US Forest Service General Technical Report NE-343 Tables, inventory, other). Provide documentation.

[Enter text here]

Filename: [Enter text here]

Accounting Stock Measurement Method (10.1)

Describe quantification, including which method used to assess canopy cover (e.g. i-Tree, inventory, other), forest type, and data sources.

[Enter text here]

Stratification

If stratification is used, maps of strata and stratum definitions. If not used, list not applicable.

[Enter text here]

Stand Maps

Describe the methods used to determine forest stands (e.g. GIS) and documentation.

[Enter text here]

Filename: [Enter text here]

Forest Age

Provide historical imagery or other materials to support forest age documentation. Describe the method(s) used:

[Enter text here]

Filename: [Enter text here]

Forest Composition

Describe forest composition and explanation of method(s) used.

[Enter text here]

Filename: [Enter text here]

Canopy Cover

Provide i-Tree Canopy report that shows estimated percentage of tree cover. Explanation of method(s) used:

[Enter text here]

Filename: [Enter text here]

Area Expected to Remain in Trees after Potential Development (10.2)

Describe how you determined the area expected to remain in trees after potential development (fraction at risk) and explanation of method(s) used:

[Enter text here]

Filename: [Enter text here]

Quantification of Soil Carbon - Existing Impervious Area and Impervious Limits (10.4)

The Project may claim avoidance of emissions from soil carbon caused by conversion of soils to impervious surfaces. Describe applicable zoning and development rules, existing impervious area and maximum fraction impervious cover.

[Enter text here]

Filename: [Enter text here]

Future Planned Project Activities

Describe any future project activities that may affect the percent canopy or carbon stocking in any way.

[Enter text here]

CO-BENEFITS QUANTIFICATION DOCUMENTATION (Section 10.6)

Summarize co-benefit quantification and provide supporting documentation. CFC will provide a Co-Benefits Quantification spreadsheet to Project Operators for calculating rainfall interception, reduction of certain air compounds, and energy savings.

Ecosystem Services	Resource Units	Value
Rainfall Interception (m3/yr)		
Air Quality (t/yr)		
Cooling – Electricity (kWh/yr)		
Heating – Natural Gas (kBtu/yr)		
Grand Total (\$/yr)		

[Enter text here]

Filename: [Enter text here]

SOCIAL IMPACTS (Section 11)

Project Operators shall use the Carbon Project Social Impact template to evaluate the UN Sustainable Development Goals (SDGs) to determine how a Project provides social impacts that contribute towards achievement of the global goals. CFC will provide the template. Summarize the three to five main SDGs from this Project.

[Enter text here]

Filename: [Enter text here]

MONITORING AND REPORTING (Section 7)

Throughout the Project Duration, the Project Operator must report on tree conditions across the Project Area. Monitoring reports are due every three years determined by the date of the verification report. For example, if the verification report is dated January 1, 2021, the first report will be due by January 1, 2024 and every three years thereafter for the duration of the project.

Describe your monitoring plans. If Project Operator plans to claim credits for future growth, describe methods that will be used to quantify future growth.

[Enter text here]

PROJECT OPERATOR SIGNATURE

Signed on [insert month and date] in 2022, by [insert name and title of person authorized to sign], for [insert Project Operator name].

Signature

Printed Name

Phone

Email

ATTACHMENTS

List the number and name of attachments

1 –

2 –

3 –

[Include Project Name]
Agreement to Transfer Potential Credits

This Agreement to Transfer Potential Credits (“Agreement”) is entered into this [insert day] day of [insert month], 2022 (the “Effective Date”) by [insert landowner name(s)] (the “Landowner”) and [insert Project Operator name], a [insert entity incorporation type] (“Project Operator”) whose mission is [insert mission] and who has undertaken a tree preservation and carbon crediting project (“Tree and Carbon Project”) on the Property of Landowner (the “Property”).

1. Purpose and Intent

[insert Project Operator] and Landowner desire to generate funds for this Tree and Carbon Project by allowing [insert Project Operator] to develop potential carbon and environmental credits that it can attempt to sell. The Landowner will receive the benefits of the tree preservation and maintenance in this project at little to no cost to the Landowner.

These potential carbon or environmental credits or offsets include amounts of carbon dioxide stored, stormwater run-off reductions, energy savings, habitat, and air quality benefits arising from the planting and growth of trees in the Tree and Carbon Project (“Carbon+ Credits”). The Carbon+ Credits will be developed using the protocols and registry of City Forest Credits, a non-profit organization (“CFC”).

2. Rights Granted

Landowner grants [insert Project Operator] the title and rights to any and all Carbon+ Credits developed from the Tree and Carbon Project during the term of this agreement, including rights to register with CFC, and develop and sell the Carbon+ Credits.

3. Subject Lands

The Property specified in Exhibit A.

4. Obligations of Landowner

Landowner shall not cut, harvest, or damage trees in the Tree Project except in cases of emergency involving fire or flooding or to mitigate hazard if trees are identified as a hazard by a certified arborist.

5. Obligations of [insert Project Operator]

[insert Project Operator] will pay all costs and assume all responsibilities for development and sale of Carbon+ Credits from the Tree Project.

6. Landowner Representations

Landowner represents that it has authority to enter this agreement, and that the Property is free from any liens, claims, encumbrances, tenancies, restrictions, or easements that would prevent or interfere with the rights to Carbon+ Credits granted under this Agreement.

7. [insert Project Operator] Representations

[insert Project Operator] represents that it has either begun the Tree and Carbon Project or is prepared to act as the Project Operator for the Tree and Carbon Project.

8. Default

If either party is in default of this agreement, the other party may notify the defaulting party of the specific nature of the default. The defaulting Party has 30 days from the date of notice to correct the default. If the default is not corrected in 30 days, the non-defaulting party may cancel this agreement. Notice of cancellation shall be delivered in writing to the current contact address of the defaulting party.

9. Term of Agreement and Option to Renew

This Agreement shall remain in force for 40 years after the Effective Date of the Agreement. [insert Project Operator] may renew this Agreement for a second 40 years if it delivers written notice of renewal to Landowner at least 90 days prior to expiration of this Agreement.

10. Governing Law

This agreement shall be construed and enforced in accordance with the laws of the State of [insert state name].

11. Parties

Project Operator		Landowner	
Name:		Name:	
Title:		Title:	
Address:		Address:	
Phone:		Phone:	
Email:		Email:	
Signature:		Signature:	
Date:		Date:	

Exhibit A

Legal Description of Property



[Insert Project Name]
Attestation of No Double Counting of Credits & No Net Harm

I am the [insert title] of the [insert name of Project Operator] and make this attestation regarding the no double counting of credits and no net harm from this tree preservation project, [insert name of preservation project].

1. Project Description

The Project that is the subject of this attestation is described more fully in both our Application and our Project Design Document (PDD), both of which are incorporated into this attestation.

2. No Double Counting by Applying for Credits from another Registry

[Insert name of Project Operator] has not and will not seek credits for CO₂ for the project trees or for this project from any other organization or registry issuing credits for CO₂ storage.

3. No Double Counting by Seeking Credits for the Same Trees or Same CO₂ Storage

[Insert name of Project Operator] has not and will not apply for a project including the same trees as this project nor will it seek credits for CO₂ storage for the project trees or for this project in any other project or more than once.

4. No Net Harm

The trees preserved in this project will produce many benefits, as described in our Application and PDD. Like almost all urban trees, the project trees are preserved for the benefits they deliver to people, communities, and the environment in a metropolitan area.

The project trees will produce many benefits and will not cause net harm. Specifically, they will not:

- Displace native or indigenous populations
- Deprive any communities of food sources
- Degrade a landscape or cause environmental damage

Signed on [insert month and date] in 2022, by [insert name and title of person authorized to sign], for [insert Project Operator name].

Signature

Phone

Email



[Insert Project Name] Attestation of Additionality

I am the [insert title] of the [insert name of Project Operator] and make this attestation regarding additionality from this tree preservation project, [insert name of project].

- Project Description
 - The Project that is the subject of this attestation is described more fully in our Application and our Project Design Document (PDD), both of which are incorporated into this attestation.
- Prior to the start of the project, the trees in the project area were not protected via easement or recorded encumbrance or in a protected zoning status that preserves the trees
- The zoning in the project area currently allows for a non-forest use
- The trees in the project area face a threat or risk of removal or conversion out of forest
- [insert name of Project Operator] recorded in the public land records an easement, covenant, or deed restriction specifically protecting the trees for the project duration of [insert 40 years or 100 years]
- Additionality is also embedded in the quantification methodology that our project followed. Projects cannot receive, and our project will not receive, credits for trees that would have remained had development occurred, nor can they receive soil carbon credits for soil that would have been undisturbed had development occurred. Our project also had to apply a discount to credited carbon for potential displaced development due to the project.
- Project Implementation Agreement for Project Duration
 - [insert name of Project Operator] signed a Project Implementation Agreement with City Forest Credits for [insert 40 or 100 years].

Signed on [insert month and date] in 2022, by [insert name and title of person authorized to sign], for [insert Project Operator name].

Signature

Printed Name

Phone

Email

City Forest Carbon Project Social Impacts



UN Sustainable Development Goals

The 17 United Nations Sustainable Development Goals (SDGs) are an urgent call for action and global partnership among all countries, representing key benchmarks for creating a better world and environment for everyone. Well-designed and managed urban forests make significant contributions to the environmental sustainability, economic viability and livability of cities. They help mitigate climate change and natural disasters, reduce energy costs, poverty and malnutrition, and provide ecosystem services and public benefits. See more details in the CFC Carbon Project Social Impact Reference Guide.

Instructions

This template sets out all relevant SDGs and lists various urban forest project activities that fall within each SDG. Evaluate the SDGs to determine how your carbon project provides social impacts that may contribute towards achievement of the global goals. Check the box(es) that contain one of your project activities and describe in no fewer than two sentences how your project activities align with the corresponding SDG. On page 12, select the icon for three to five of the most relevant SDGs to your project and provide any additional information.

SDG 3 - Good Health and Well Being

Goal: Ensure healthy lives and promote well-being for all at all ages.

Examples of project activities include, but are not limited to:

- Plant or protect trees to reduce or remove air pollutants
- If planting trees, select trees for reduced pollen counts and irritant production
- Plant or protect trees to create shade, provide UV exposure protection, reduce extreme heat negative effects, and/or reduce temperatures to relieve urban heat effects
- Design project to buffer sounds, optimize biodiversity, or create nature experiences
- Locate project near vulnerable populations, such as children or elderly
- Locate project near high volume roads to screen pollutants
- Locate project near people to encourage recreation, provide new parks or green space, or otherwise promote an active lifestyle
- Locate project near schools, elderly facilities, or mental health services to promote nature-based wellness, attention restoration, or other mental well-being
- Locate project in area with conditions of project-defined high inequity to trees, such as at schools, affordable or subsidized housing, formerly redlined neighborhoods, areas with high property vacancy rates, or area with high proportion of renters
- Reduce stormwater runoff or improve infiltration rates
- Design project to reduce human exposure to specific pollutants or toxins
- Other

[Enter text describing activities you checked above]

SDG 6 - Clean Water and Sanitation

Goal: Ensure availability and sustainable management of water and sanitation for all

Examples of project activities include, but are not limited to:

- Research and assess environmental injustices related to water in project area
- Locate project near high-traffic roads or to otherwise improve, mitigate, or remediate toxic landscapes near water
- Protect or plant trees to improve historically or culturally important sites related to water that have been degraded and/or neglected
- Reduce stormwater by planting or protecting trees
- Plant forested buffers adjacent to streams, rivers, wetlands, or floodplains
- Prevent soil erosion by protect steep slopes
- Improve infiltration rates
- Improve, mitigate, or remediate toxic landscapes and human exposure to risk
- Drought resistance, such as selecting appropriate water-efficient trees for project climate zone
- Other

[Enter text describing activities you checked above]

SDG 8 - Decent Work and Economic Growth

Goal: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

Examples of project activities include, but are not limited to:

- Community participation in project implementation, including such things as providing access to financial resources for ongoing community-based care
- Emphasize local hiring and support small businesses
- Promote local economic opportunities through workforce training, career pathway development, or other employment
- Other

[Enter text describing activities you checked above]

SDG 10 - Reduced Inequalities

Goal: Reduce inequalities within and among countries

Examples of project activities include, but are not limited to:

- Provide connections and cohesion for social health, such as create or reinforce places that promote informal interactions, engage local residents and users in tree management, include symbolic or cultural elements, or other events
- Research, understand, and design to address understand historic and current sociocultural inequities, community health conditions, environmental injustices, or prior local greening efforts in community
- Locate project near vulnerable populations, such as children or elderly, to provide air quality improvements or buffer against extreme heat effects
- Locate project in high-density residential areas or where there is a lack of trees to improve access and promote an active lifestyle
- Locate project near schools, elderly facilities, or mental health services to promote nature-based wellness, attention restoration, or other mental well-being
- Locate project in area with conditions of project-defined high inequity to trees, such as at schools, affordable or subsidized housing, formerly redlined neighborhoods, areas with high property vacancy rates, or area with high proportion of renters
- Locate project near high-traffic roads or to otherwise improve, mitigate, or remediate toxic landscapes
- Protect or plant trees to improve historically or culturally important sites that have been degraded and/or neglected
- Community engagement in project design, including such things as engaging and respecting existing relationships and social networks, community cultural traditions, and public participation methods that are empowering and inclusive
- Community participation in project implementation, including such things as addressing and removing barriers to participation, promote ongoing community-based care and access to financial resources
- Emphasize local hiring and support small businesses
- Research and consider potential for gentrification and displacements
- Promote local economic opportunities through workforce training, career pathway development, or other employment
- Other

[Enter text describing activities you checked above]

SDG 11 - Sustainable Cities and Communities

Overall: Make cities inclusive, safe, resilient, and sustainable.

Examples of project activities include, but are not limited to:

- Plant or protect trees to reduce or remove air pollutants
- If planting trees, select trees for reduced pollen counts and irritant production
- Locate project near high volume roads to screen pollutants
- Locate project near vulnerable populations, such as children or elderly
- Plant or protect trees to create shade, provide UV exposure protection, reduce extreme heat negative effects, and/or reduce temperatures to relieve urban heat effects
- Locate project near people to encourage recreation, provide new parks or green space, or otherwise promote an active lifestyle
- Design project to improve wellness and mental health, such as planting trees to buffer sounds, optimize biodiversity, optimize views from buildings, or create nature experiences
- Locate project near schools, elderly facilities, or mental health services to promote nature-based wellness, attention restoration, or other mental well-being
- Provide connections and cohesion for social health, such as create or reinforce places that promote informal interactions, engage local residents and users in tree management, include symbolic or cultural elements, or other events
- Research, understand, and design to address understand historic and current sociocultural inequities, community health conditions, environmental injustices, or prior local greening efforts in community
- Locate project in area with conditions of project-defined high inequity to trees, such as at schools, affordable or subsidized housing, formerly redlined neighborhoods, areas with high property vacancy rates, or area with high proportion of renters
- Community engagement in project design, including such things as engaging and respecting existing relationships and social networks, community cultural traditions, and public participation methods that are empowering and inclusive
- Community participation in project implementation, including such things as addressing and removing barriers to participation, promote ongoing community-based care and access to financial resources
- Other

[Enter text describing activities you checked above]

SDG 12 - Responsible Production and Consumption

Goal: Ensure sustainable consumption and production patterns

Examples of project activities include, but are not limited to:

- Plant or protect trees to create shade or reduce temperatures to relieve urban heat effects
- Provide cooling benefits and energy savings by shading impervious surfaces such as streets or parking lots, or planting trees on south and west sides of buildings
- Other

[Enter text describing activities you checked above]

SDG 13 - Climate Action

Goal: Take urgent action to combat climate change and its impacts.

Examples of project activities include, but are not limited to:

- Plant or protect trees to reduce or remove air pollutants
- Plant or protect trees to create shade or reduce temperatures to relieve urban heat effects
- Promote community capacity for social and climate resilience by engaging local residents or users in tree management, or other events to connect people to the project
- Reflect cultural traditions and inclusive engagement for climate resilience
- Design project to improve soil health
- Provide cooling benefits and energy savings by shading impervious surfaces such as streets or parking lots, or planting trees on south and west sides of buildings
- Plant or protect trees to reduce stormwater runoff
- Select water-efficient trees for climate zone and drought resistance
- Create and/or enhance wildlife habitat
- Other

[Enter text describing activities you checked above]

SDG 14 - Life Below Water

Goal: Conserve and sustainably use the oceans, seas and marine resources for sustainable development.

Examples of project activities located in areas with marine ecosystems include, but are not limited to:

- Locate project near high-traffic roads or to otherwise improve, mitigate, or remediate toxic landscapes near water
- Plant or protect trees in project areas to reduce stormwater runoff
- Plant forested buffers adjacent to streams, rivers, wetlands, or floodplains
- Prevent soil erosion into by protecting steep slopes
- Improve infiltration rates
- Improve, mitigate, or remediate toxic landscapes and human exposure to risk
- Drought resistance, such as selecting appropriate water-efficient trees for project climate zone
- Enhance wildlife habitat, such as riparian habitat for fish, birds, and other animals
- Other

[Enter text describing activities you checked above]

SDG 15 - Life on Land

Goal: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

Examples of project activities include, but are not limited to the following with increased functionality of green infrastructure:

- Plant or protect trees to reduce stormwater runoff
- Select water-efficient trees for climate zone and drought resistance
- Create and/or enhance wildlife habitat to improve local biodiversity
- Plant forested buffers adjacent to streams, rivers, wetlands, or floodplains
- Prevent soil erosion by protect steep slopes
- Improve infiltration rates
- Other

[Enter text describing activities you checked above]

SDG 17 - Partnerships for the Goals

Overall: Strengthen the means of implementation and revitalize the global partnership for sustainable development.

Examples of project activities include, but are not limited to:

- Promote community connections and capacity for social resilience by engaging local residents or users in tree management, or other events to connect people to the project
- Community engagement in project design, including such things as engaging and respecting existing relationships and social networks, community cultural traditions, and public participation methods that are empowering and inclusive
- Community participation in project implementation, including such things as addressing and removing barriers to participation, promote ongoing community-based care and access to financial resources
- Other

[Enter text describing activities you checked above]

Summary of Project Social Impacts

[Select or delete SDG icon from options below, and enter text describing activities]

[Select SDG icon and enter text describing activities]

[Select SDG icon and enter text describing activities]





[insert project name]
Monitoring Report for Preservation Projects

Project Operator Name: [insert text here]

Project Name: [insert text here]

Project Location: [insert text here]

Deadline to Submit to CFC (*triennial on the date of the first Verification Report*): [insert text here]

1. Has the contact info for the Project Operator changed? If so, please provide new contact info.

[insert text here]

2. Have there been changes in land ownership of the Project Area?

[insert text here]

3. Have there been any changes in the Project Design?

[insert text here]

4. Have there been any changes in the implementation or management of the Project?

[insert text here]

5. Have there been any significant tree or canopy losses? (Provide any Google Earth Imaging or photos to show no significant changes).

[insert text here]

6. Please estimate the percentage of the Project Area that appears to be gaining stored carbon stocks.

[insert text here]

7. Please estimate the percentage of the Project Area that appears to be losing stored carbon stock.

[insert text here]

8. Please estimate the number of acres of significant soil disturbance since the previous monitoring report. Examples include plowing and removal of topsoil. For the purposes of these reports, areas of soil exposed by trees tipping over are not counted as areas of significant soil disturbance.

[insert text here]

9. Any other significant elements to report?

[insert text here]

Signed on [insert month and date] in 2022, by [insert name and title of person authorized to sign], for [insert Project Operator name].

Signature

Printed Name

Phone

Email