**Nature X Carbon Tech Challenge Proposal Form**

**Project title\*:**

*(Please provide a descriptive name of your project and/or technology)*

**Main contact information\*:**

*Name, address, phone number, email address*

**Organization/Team\*:**

*Name, URL, number of employees, names and emails for all team members*

**Please provide a brief description as to why your team/organization is positioned for success. Include a description of the proponent team/organization including relevant experience of team members, proven achievements and your vision/mission\*** (Maximum 500 words)**:**

**Proponent type\*:**

* *Registered Non-profit*
* *Registered Charity*
* *Academic formally affiliated with a post-secondary institution*
* *Cooperative - Non-profit*
* *Public Sector*
* *For-profit entity*
* *Collaborative (project of more than one organization with the same legal form)*
* *Multi-Sectoral (project of more than one organization with different legal forms)*
* *Other (please specify)*

**For which ecosystem is your technology designed? Please select all that apply\***

* *Forest*
* *Grassland*
* *Riverine/Riparian*
* *Estuary*
* *Wetland*
* *Tundra*
* *Peatland*
* *Tidal/salt marsh*
* *Eelgrass bed*
* *Other (please specify)*

**For which carbon stream is your technology designed\*?**

* *Biomass*
* *Soil*
* *Ecosystem*
* *Multiple/other (please specify)*

**Describe your technology\*:** (Maximum 750 words)

*What is your technology? How does your technology measure carbon in nature? How does your technology measure changes in carbon sequestration over time? How does it align or differ from current approaches?*

**How does your technology address current barriers to carbon measurement at scale?\*** (Maximum 750 words)

*How will your technology enable the measurement of carbon at the community level? Is this new technology or a new application of an existing technology? Is this solution more efficient or cheaper than current methods? Are maintenance costs likely to be manageable by community users? What is the level of expertise required of the end user? If user training is required, how will it be provided?*

**How have you tested or validated your technology?\*** (Maximum 750 words)

**What stage is your technology? \***

*What is your TRL? Are you ready to validate in the field starting in March 2022?*

**Describe the type of data and end products your technology produces.\*** (Maximum 250 words)

**How is this technology innovative or novel?\*** (Maximum 250 words)

**How will you ensure your technology will be widely accessible?\*** (Maximum 250 words)

## *Will the technology be affordable for community users? Will any of your work be open source? How will you share key learnings?*

**If there are any potential negative ecological or social impacts of your solution, describe them and how they will be mitigated\*.** (Maximum 300 words)

**How are you planning to scale up your work?\*** (Maximum 250 words)

*How will you attract new users? How will this technology help better measure carbon in nature in Canada?*

**Describe your business model\*.** (Maximum 500 words)

**Describe the current funding you have available. If preferred, please upload a budget table (Max 1 page)\***

*Grants, investment, income, bootstrapping, other (please describe)*

**Describe any key outputs or deliverables you are anticipating over the next two years.**

Please describe the deliverables/outputs and timeline.

**What do you hope to get out of participating in the Nature X Carbon Tech Challenge?\*** (Maximum 200 words)

**Why should the judges choose your project as a finalist?\* (**Maximum 250 words)

**Upload or link to any supporting documents or web pages. (Maximum 10 pages total).**

*The review committee may follow up for additional supplementary information as needed. Photos, drawings, business model canvas, link to video, supplementary reports, testing/validation data, research papers etc. Allowed file extensions are JPEG, JPG, GIF, PNG and PDF. Maximum size per file is 10MB. If you need to upload files outside these specifications, please contact us and we'll try to find best way to accommodate your necessities.*

**For those selected to pitch to our committee, presentations will take place via Microsoft Teams during the week of January 17-21, 2022. Are you available to make your pitch that week?\***

* That works for me/us
* I am/We are not available. We request other arrangements.

**Are you interested in being considered for a spot in the Microsoft Global Social Entrepreneurship Program?\***

* Yes
* No

**I have read and accept the terms and conditions\***

* Check box required to submit

**I would like to hear from Microsoft and its family of companies via email and phone about participation in the Microsoft Global Social Entrepreneurship Program. To withdraw consent or manage your contact preferences, visit the** [**Promotional Communications Manager**](https://go.microsoft.com/fwlink/?LinkId=243191)**.** [**Privacy Statement**](Privacy%20Statement)**.**

**How did you hear about the Nature X Carbon Tech Challenge?\***