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Puro Standard

**Public Consultation Questionnaire:
Terrestrial Storage of Biomass**

Puro.earth is a carbon removal crediting platform. Through [Puro Standard](#) methodologies, we certify durable carbon removal and issue CO₂ Removal Certificates, CORCs, per ton of CO₂ removed and stored for at least 100+ years. CORCs are issued and retired in the public [Puro Registry](#), adding transparency to carbon markets.

In March 2022, Puro.earth's Advisory Board approved a pilot version of Woody Biomass Burial methodology so that additional information and biomass decomposition data could be gathered from field trials. The methodology is now renamed **Terrestrial Storage of Biomass** and covers activities capable of sourcing and storing lignin containing biomass on land, in conditions that inhibit biomass decomposition. The storage chambers must be designed to ensure continuity of such conditions for 100+ years.

The intention of this update is to evolve the methodology beyond the pilot stage and develop the following aspects which are of significant importance:

- Storage chamber design
- Monitoring, verification and reporting (MRV)
- Environmental safeguards
- Legal and financial arrangements for long-term site management
- Risk of re-emission

Period of Consultation

1st June - 22nd of June

Puro.earth welcomes feedback from stakeholders and interested parties during this period, while the current update is being finalized. All feedback is valued and is part of our larger process of method development and review, making sure this is conservative, informed and transparent. Please download the Public Consultation Questionnaire below and send your consultation feedback to contact@puro.earth

Consultation Documentation

- Public Consultation Questionnaire
- Webinar covering the key changes ([will be made available online](#))

For reference:

Pilot version of [Woody Biomass Burial methodology](#)

Public Consultation Questionnaire

The following is a **list of key questions** that have been used to draft the updated version of this methodology. Please consider these questions whilst formulating your feedback.

1. What **types of biomass** should be eligible to be sourced for durable storage? Should non-lignin containing biomass be considered?
2. How can **methane levels** be measured and monitored through time to guarantee net negativity of projects? Please provide practical examples of both what would be measured and how it would be measured.
3. What is the most reliable way to physically **measure biomass decomposition** and how can this help build understanding of the process through time? This will be very important in being able to calibrate current approximations of decomposition of various types of biomass.
4. What **property title** and associated easement or legal caveat in your relevant jurisdiction protects the storage of eligible biomass for 100+ years?
5. How can **risk of re-emission** be practically managed?
6. Should a **Fund** which provides an **accountability buffer** against unexpected re-emissions, be required for:
 - All projects, irrelevant of the size.
 - Only large projects (e.g. +10,000 tonne of biomass).
 - No projects.
7. Given **uncertainties in measurement** and the scientific understanding of decay rates of various biomass compositions in various environments, is a buffer required, if so what size and why?
 - 0%
 - 10%
 - 50%
 - Other, please specify.
8. How would you revise the assessment of **environmental impacts** for each project?
9. Should the **life cycle assessment** be performed in a static-manner, in-line with other methodologies?
10. Is there enough new information and understanding of relevant processes for this method of carbon sequestration to **remove the 'pilot' phase** status?

Please send your feedback to contact@puro.earth with subject 'Terrestrial Storage Feedback'.