<div align="center">**Scope of Work: Technical Scoping of Earth Dashboard**</div>

Scope of Work
The Global Commons Alliance is seeking Phase 1 development of the Earth Dashboard (see background below) as part of the EarthHQ communication and outreach strategy.

The organization or individual who is selected for Phase 1 development of the Earth Dashboard will be eligible to be considered by EarthHQ for subsequent phases of work on the Earth Dashboard.

The deliverables include:
- **Landscape assessment of existing open data systems relevant to the development of an Earth Dashboard.**
   Acceptance criteria: The landscape assessment of open data systems will include 1.) Current open-source tools, dashboards and platforms that could be used to support the Earth Dashboard, and 2.) An evaluation of success in reach and engagement of these tools, and 3.) Summary draft for review, evaluation and feedback by March 16. Final report by March 31.
- **Data landscape assessment:**
   Acceptance criteria: The data landscape assessment will include 1.) A list of open datasets which could be included in the Earth Dashboard to show the state of the global commons and its links to human well-being, and 2.) An assessment of the data provider, if the dataset is regularly updated, the data sharing license, data quality, and the relevance of the data to the Global Commons Initiative,and 3.) Summary draft for review, evaluation and feedback by March 16. Final report by March 31.
- **Stakeholder engagement:**
   Acceptance criteria: The stakeholder engagment will include 1.) Interviews and consultations with members of the Global Commons Initiative, including the Science-Based Target Network, Earth Commission, EarthHQ Advisory group and the Systems Change Lab, and 2.) The interviews will solicit feedback on key design elements of the Earth Dashboard, including: target audience, desired action from using the dashboard, priority datasets, and key functionalities, and 3.) A summary draft for review, evaluation, and feedback by March 16. Final delivery by March 31.
- **User research**:
   Acceptance criteria : The user research will include 1.) Interviews with potential target users identified as priorities by the stakeholder engagement process, and 2.) Summary draft for review, evaluation, and feedback by March 16. Final delivery by March 31.
- **Summary of Technical Design Criteria For the Earth Dashboard:**
   Acceptance criteria: The Technical Design Criteria will include: 1.) A technical summary of requirements to develop and build the Dashboard.by March 16. Final delivery by March 31.
- **Summary report:**
   Acceptance criteria: The Summary Report will include 1.) A short summary document of the proposed goals of the dashboard, target audiences, key functionality,

and example datasets with recommendations, and 2.) A Summary draft report by April 20. Final report by April 30.

Roles and Responsibilities
The Earth HQ part of the Global Commons Alliance will oversee and support the consultant, tasked with the work. This will include providing assistance in identifying stakeholders to interview, arranging introductory notes as needed, providing input on interview questions, and providing suggestions on data and open systems for the landscape assessments. The Director of the EarthHQ will be available for bi-weekly check-in and provide regular feedback on drafts of the delivered outputs.

Duration and costs
Timeline for the work: Four months, with expected kick off on January 1st 2020.

Anticipated budget envelope: $35,000 plus up to $1,000 incidental non-travel related expenses to be pre-approved in advance in writing

Milestones	Amount
Upon signature	20%
Technical Design Requirements by March 31	40%
Summary report by April 30	40%

Evaluation Criteria

1. Does the organization or individual have great people skills and excel at interacting with the team and stakeholders, listening and incorporating feedback while providing an informed expert opinion?

2. Does the organization or individual have the technical skills required to do the work (e.g., graphic design, data visualization, sustainability and data expertise, etc)?

3. Does the organization or individual have a track record of excellent interactive tools, dashboards, and data visualization with customizable reports/data downloads?

4. Does the organization or individual have a track record of excellent graphic design products?

5. Does the organization or individual's portfolio include similar projects that demonstrate the necessary skills required to deliver the services?

6. Does the organization or individual share a philosophy and culture that fits well with EarthHQ, including but not limited to solutions-orientation, nimbleness and flexibility, collaborative mindset and approach to work, high-degree of responsiveness and results-orientation?

Background

The Earth Dashboard will support the mission and goals of the Global Commons Alliance by providing the following functions:

·   *Performance tracking*: Provide a simple, readily understandable assessment of "how goes the battle" on the global commons;

·   *Transparency and accountability mechanism*: Act as a transparency and accountability mechanism for the Science-based Target Network, focusing initially on businesses; and

·   *Mobilization:* help spark a broad public movement calling for action by businesses, governments, and cities*.*

The Dashboard will be comprised of a curated set of visually engaging, indicators on the:

1.   **State of our global commons** and how they are changing (e.g., ocean, climate, water, biodiversity, land)

2.   **Pressures on the commons** and how they are changing (e.g., overfishing, greenhouse gas emissions, nutrient loadings, deforestation, over exploitation of freshwater sources)

3.   **Actions taken to reduce pressures**, focusing initially on businesses and expanding over time to include others, including governments, cities, and citizens.

The primary target audience is key influencers of CEOs and policy makers (national, state, and cities). The secondary audience is the public.

The Dashboard will be designed to evolve over time in response to the Commission's and user needs. The initial indicators will be selected from existing datasets in collaboration with members of the Earth Commission and Science-based Target Network. Preliminary criteria for selecting indicators include: global in scope, measurable at multi-temporal and spatial scales, regularly updated, open source, and peer-reviewed/ authoritative. The Dashboard will be developed and tested with target audiences to ensure it is fit for purpose.

The Dashboard will be open source, drawing on open data from multiple sources, including universities, NASA, NOAA, and others. It will serve up information in different ways to meet its objectives of performance tracking, transparency and accountability, and mobilization. The Dashboard will be portable/embeddable in other organizations websites to meet users where they are e.g., the Dashboard could be embedded on the Global Commons website, as well as partners sites, such as GEF, or where key target users are more likely to see it (e.g., Bloomberg, WBCSD, WEF). Users will be able to interact with the Dashboard, visualizing data at multiple temporal and spatial scales. It will also support a regular stream of data driven insights to feed the Global Commons Earth News service.