Request for Qualifications (RFQ)
1.5°C National Pathway Explorer
https://1p5ndc-pathways.climateanalytics.org/

1 Overview

Climate Analytics is entering the second phase of a project which resulted in the development of a webtool: the 1.5°C National Pathway Explorer. This webtool shares results, derived from global and regional IPCC models and other scientific evidence, in the form of national and sectoral decarbonisation pathways.

As part of the project’s second phase, Climate Analytics is aiming at updating the webtool through:

1. The addition of new elements (Regional section, investments requirements, integration of versions history)
2. Revising some existing features (Breakdown of power sector per technologies, benchmarking metrics (NDCs, % of Ambition Gap) etc.)
3. Stylistic improvements and navigation (country menu, methodology section more readable, etc.)

2. Background information on the tool

Aim of the 1.5 national pathway explorer:
Support countries and national-level stakeholders to develop their own long-term mitigation plans, by providing decarbonization benchmarks at the sectoral level in line with the Paris Agreement, as well as national Sustainable Development Goals.

Description:
The explorer provides domestic emissions pathways required to keep to the Paris Agreement’s 1.5°C temperature goal and their key characteristics for several countries. In addition to an economy-wide view, the webtool also includes 1.5°C compatible benchmarks for individual sectors. Sectors analysed here will include industry, forestry (LULUCF), buildings, transport, waste, and power.

The webtool includes several decarbonization benchmarks and metrics, including emissions pathways (at the country /sectorial level), and energy consumption data (including renewables energy targets, and fossil fuel reduction rates). All data included in the web tool is downloadable.

Target audience:
The explorer shows emissions pathways and science-based sectoral policy benchmarks explicitly compatible with the Paris Agreement 1.5°C limit, to empower national decision makers in setting ambitious emissions reductions targets. It is also aimed at civil society and national interest groups to help inform the debate on driving climate action.

3. Description of service and tasks required
Climate Analytics is looking for a web-developer to support the evolution of the webtool described above, with a primary focus on the front-end component of the webtool. Expected services and tasks are described below:

- Technical developments based on discussions with the project team. The following list is a suggested representation of what the full scope of work may involve and will be defined and agreed upon in an initial scoping meeting with relevant project team members and the selected web developer.
  - Adding new elements:
    - Adding a sub-page on regional results
    - Adding a new section for investments requirements for an additional sector beyond the power sector, for which some results are already provided.
    - Integrate a ‘version history’ on country pages (for example a drop-down menu with possible update-dates)
    - A possible automation of text generation might be envisioned
    - Other integrations to be defined
  - Revise some existing features:
    - Refined presentation of breakdown per technology for the power sector and investments
    - Refined presentation of benchmarking metrics
    - Other revisions to be defined
  - Stylistics improvements and navigation
    - Reorder country page navigation
    - Improved methodology section accessibility
    - Additional stylistic features
- Advise/suggestions on accessibility, aesthetic and readability of the information provided on the webtool
- Take part in scoping and design meetings together with the project team to provide inputs and suggestions.
- Closely liaise with our internal data team and our backend contact point

4. Technical requirements:

The selected web-developer/ UX/UI designer should meet the following requirements, and be able to work within the following predefined conditions:

- Use the already existing website backend repository for the future work stored here: [https://gitlab.com/climateanalytics/webtools/1p5ndc-pathways-website](https://gitlab.com/climateanalytics/webtools/1p5ndc-pathways-website)
- CMS currently used is Redaxo ([https://redaxo.org/](https://redaxo.org/)) with language Textile. The web-developer must be familiar with these platforms and languages
- The tool includes interactive graphs, data processing (% calculations, min-max etc.), ability to download data and pictures of graphs, additionally to a textual analysis, using a ‘Journal’ type of tool. The web developer should be able to work with such a tool.
- Liaise with backend contact point when needed to update Redaxo when frontend updates would require it.
- Hosting is not required, as the web tool is hosted on the Climate Analytics website

5. Anticipated Schedule

Development of the tool will take place in 2 main iterations.
Expected timeline as below:

1\textsuperscript{st} Iteration – to be completed by May 2024:

<table>
<thead>
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<th>September- December 2023</th>
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2\textsuperscript{nd} Iteration (tentative timeline) – to be completed by May 2025:

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6. Selection Process and Criteria

This RFQ is issued on 1 June 2023. Bidders are asked to prepare a written submission demonstrating their ability to provide the services and tasks listed above. The submission should include, but is not limited to:

- A short description of the capacity of the company / individuals, CVs of the developer(s)
- List of past projects of relevance that demonstrate competence, ideally including the corresponding links
- Brief elaboration of the services and tasks identified, and the anticipated approach
- Financial quote, as communicated with an estimated number of days and daily rate

Climate Analytics will review and assess submissions based on the following criteria:

- Expertise and experience as described in an accompanying CV (s)
- Quality of work as demonstrated through past projects
- Approach for conducting the services and tasks described above
- Cost

The selected bidder will be selected and contracted ideally by September 2023 in accordance with the timeline above.

Please address submissions to:
Clare Waldmann, Policy Team Coordinator
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Clare.waldmann@climateanalytics.org

Should you require any additional information, please feel free to contact Ms. Waldmann at clare.waldmann@climateanalytics.org