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Posaidon Climate Venture Partners

Job description for NbS Remote Sensing Analyst

May 2024

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INTRODUCTION

Investing to create a lasting, positive impact for nature requires strong technical expertise and dedicated landscape management skills.

For this reason, Posaidon Capital AG ("Posaidon") is setting up a new subsidiary – *Posaidon Climate Venture Partners* ("PCVP" or "the Partnership") – to deliver a market-leading, fully integrated end-to-end solution to private and public landowners and stewards aiming to secure the long-term financial sustainability of their landscapes via the supply of nature-based credits (carbon and biodiversity).

The vision is for PCVP to become the leading technical advisory and financial solutions firm for large scale-conservation and restoration areas of global climate and biodiversity significance by 2030. Its purpose is to deliver a holistic end-to-end service from design and verification to management and brokerage. Under PCVP's model, material earnings will be distributed back to participating stakeholders—including indigenous peoples and local communities (IPLCs)—in an equitable manner that fully recognizes the critical role that local communities play in the conservation and stewardship of nature.

PCVP provides its clients with tailored services to design best-in-class projects for environmental markets that maximize financial and non-financial returns via the long-term conservation and restoration of their nature assets. The Partnership's goal is to contribute over US$50 million annually towards the management CAPEX and OPEX of more than 3 million hectares of large-scale conservation and restoration areas.

The Partnership has an anchor portfolio of 10 landscapes and properties in Africa (Mozambique, Tanzania, Zambia, Zimbabwe) and the United States (states of Colorado, Georgia, and Montana) totalling over 1 million hectares of land at launch.

ABOUT THE ROLE

We are looking for an NbS Remote Sensing Analyst to support in the global development and implementation of high-quality nature-based solutions carbon projects, with an initial focus on a portfolio of landscapes and properties in Africa. Key responsibilities will include:

- lead remote sensing and spatial analyses focused on the development of high-quality NbS carbon projects to standards such as VERRA's VCS and Gold Standard, including land use / land use change (LULUC) analyses, estimating project baselines and risk mapping
- develop and manage the remote sensing monitoring processes for robust and accurate carbon accounting of GHG emissions reductions and removals
- contribute to the drafting of Project Description Documents (PDDs) and Monitoring Reports, including the creation of high-quality maps and other cartographic outputs
- work closely with colleagues and partners' on-the-ground to design sampling strategies and protocols for estimation of biomass and other biotic and abiotic variables
- manage external geospatial professionals where necessary

- collaborate with colleagues to screen new project opportunities, including conducting feasibility and due diligence assessments for
- track latest developments and best practices in earth observation and remote sensing technologies for land use / land use change (LULUC) analyses and integrate into working practices and processes

This is a full-time role starting immediately, with a strong preference for the ability to work in Europe (London or Zurich) with occasional travel to the project sites.

Compensation is competitive, with 25 days annual leave + public holidays.

YOUR SKILLS AND COMPETENCIES

The ideal candidate will have the following skills and interest:

Technical

- competent user of remote sensing and GIS software and platforms such as ArcGIS, QGIS, Google Earth Engine and ENVI

- skilled in the processing of diverse remote sensing products (i.e. optical, radar, lidar data etc) for forest and land use carbon accounting purposes

- strong statistical and analytical skills including experience in using programming languages such as R, Python, and SQL

- understanding of the spatial analyses and data required to develop NbS carbon projects to the leading voluntary carbon market standards and the methodologies eligible under them

- Knowledge of best practices in the analysis of remote sensing data in development of NbS carbon projects, including on data quality and uncertainty

- Knowledge of jurisdictional approaches to developing GHG emissions baselines, including national Forest Reference Emissions Levels (FRELs) and the ART-TREES Standard, as on project nesting and its complexities

General

- passion for nature conservation and restoration, and genuine commitment to creating positive nature impact through the power of financial and environmental markets (as evidenced in professional, academic or private background)

- track record of strong self-leadership

- creative, lateral problem-solving skills

- evidence of innovative spirit, creating high impact solutions from scratch highly organized, with the ability to manage multiple tasks requiring work across time zones and structured approach to data analysis and storage

<u>Experience</u>
- master's degree (or higher) in Remote Sensing, GIS, Earth Observation, Geography or a related field
- minimum of 5 years' experience in remote sensing and spatial analyses of land use/land cover change (LULUC) and forest dynamics, preferably for NbS carbon projects under the VCS and CCB and/or Gold Standard
- experience in conducting LULUC and analyses of forest carbon stock reductions and removals across multiple different forest types including tropical and subtropical dry and moist forests (preferable)
- experience in drafting and incorporating complex remote sensing analyses into detailed technical documents for project validation and verification

ABOUT US

Posaidon Capital is a premier nature-focused investment and advisory boutique. We are bankers for nature serving institutional clients globally across two pillars: capital markets advisory and asset management.

As a firm, we combine specialized merchant banking and investment expertise with the analysis of unstructured data to create nature investment alpha through systemic investing. For our clients, we strive for an optimal capital allocation to nature across all asset classes with a view to construct portfolios for strategic synergies and their potential to unlock transformative dynamics. The firm is led by a global team of highly specialised finance and investment professionals with a vision for systems change, a passion for financial innovation, and a track record of delivering impactful results.

For more information, please see www.posaidon.earth.

APPLY WITH US

We are an equal opportunity employer committed to providing a working environment that embraces and values diversity and inclusion. We encourage people of all backgrounds to apply and can be flexible with working arrangements.

Please send a concise cover letter addressing the above (maximum 1 page) and CV (maximum 2 pages) to matthew@posaidon.earth and fabian@posaidon.earth with the job title in the subject line. Applications are considered on a rolling basis.

Nature needs landscape-scale nature-based solutions.