SEI Latin America has played a prominent role supporting the development of an internal SEI Initiative entitled Governing Bioeconomy Pathways\(^1\), as well as an EU funded project referred to as Landmarc (Land Use Based Mitigation for Resilient Climate Pathways)\(^2\). Both projects focus on identifying how more intentional management of biological resources can support various sustainable development agendas. Participation in each of these global activities has generated more focused regional activity in Latin America, including a project entitled Strengthening the Cassava Bioeconomy in Colombia, funded by MinCiencias, and a new collaboration with Sida focused on supporting Micro, Small, and Medium Enterprises (MSMEs) looking to participate in the emerging bioeconomy in Cuba.

This set of activity offers several opportunities for a KTH intern to contribute to the work of the Bioeconomy Line of Inquiry within SEI Latin America. These include the following:

- In support of the Landmarc project, develop a comparative analysis regarding the use of biochar in Latin American and European countries, including some effort to describe the factors that account for any observed differences.
- Based on published value web analysis related to cassava in Colombia\(^3\), develop specific proposals related to sustainability agreements that could be signed between specific actors within the cassava value chain.
- Develop a database of MSMEs in Latin America that have participated in technological and/or commercial innovation related to developing new goods and services from the regions agricultural or natural biodiversity. From this database develop a report describing the activities of a few of the most interesting of these MSMEs.
- Support the program design and organizational logistics of an international conference on the circular bioeconomy, with a focus on bioplastics, that will be organized in collaboration with Cauca University and the Institute Alexander von Humboldt in Colombia. This will include supporting the program committee in identifying and securing keynote speakers as well as working to publicize the conference.

Each of these activities would be carried out in collaboration with member of the bioeconomy team within SEI Latin America from a base in Bogota, Colombia.

---

\(^2\) [https://www.landmarc2020.eu/](https://www.landmarc2020.eu/)
\(^3\) [https://www.sei.org/publications/la-red-de-valor-de-la-yuca-y-su-potencial-en-la-bioeconomia-de-colombia/](https://www.sei.org/publications/la-red-de-valor-de-la-yuca-y-su-potencial-en-la-bioeconomia-de-colombia/)