

Deliverables: Make sure to hand in the presentation and all other relevant materials before the start of the presentations (failing will suppose penalty).

Presentation: 12 minutes face to face presentations, including boths part 1 and 2, but make part 1 short. All students must speak.

This exercise focuses on developing a business plan for an MVP that provides a risk and fraud solution for assessing and monitoring Transition Finance projects, addressing the findings of the systematic review. The goal is to create tools that offer transparent and verifiable tracking of sustainability, maximizing the impact of investments for the transition into a greener economy. To build a robust analysis and tool, each group should actively search for relevant data. This data can be sourced from publicly available datasets in research papers, from data providers (if there are costs associated with data acquisition, please consult with the professor), or, if the group can demonstrate to the professor that real-world data is not obtainable, the group should generate synthetic data using ChatGPT to emulate the characteristics of the required data. The development of a tool grounded in data and a sound methodology is a key aspect of this Data Science project. Consider watching this video to understand the current landscape of solutions and technology in the field: Hedera Credible ESG Reporting - Quantitative Outcomes.

The proposed solution leverages blockchain's immutability, IoT's real-time data capture, and AI-driven analytics for dynamic ESG (Environmental, Social, and Governance) monitoring. By delivering real-time, auditable ESG data, the platform aims to empower investors, regulators, and stakeholders to effectively evaluate and validate progress towards net-zero goals. Seek for data to create a "ESG Ratings" model to assess projects using proxy variables, then create a business plan presentation for seeking funds for a tool/company/MVP to provide "ESG Ratings" for projects using proxy variables (e.g., IoT sensor data, satellite imagery analysis) instead of traditional P&L, balance sheet, or project financing metrics. Search for grants suitable for a project of this nature. Business plan should include: a clear problem statement, a proposed solution (your MVP), a target market analysis, a competitive landscape assessment, a marketing and sales strategy, an operational plan, a management team overview, and a detailed financial projection (including funding requests and potential revenue streams). The overarching aim of this exercise is to thoroughly explore the critical role of transition finance in fostering a sustainable future, with a strong emphasis on data-driven analysis and technological solutions.