Challenge 2

Efficient Data Integration for Sustainable Decisions
Smart Data Collection and Integration for Sustainable E-Commerce Partnerships – The Foundation for Informed Consumer Decisions

We aim to facilitate sustainable e-commerce by providing consumers with clear, reliable data on product sustainability, origins, and environmental impact. While we've identified some approaches, we are eager to explore innovative solutions that can harmonize and optimize partner product data, making it actionable and transparent for both partners and consumers.

Guiding Question:
How might we leverage technology to efficiently collect and harmonize partner product data from multiple sources, ensuring high quality and comparability based on key sustainability criteria?

Our Objectives:

- Simplify and enhance data collection and processing.
- Prioritize sustainability data (e.g., regional origin, CO_2 footprint).
- Ensure a seamless integration of solutions into existing systems.

We Are Interested in Solutions That Could:

1. Data Acquisition and Evaluation:

- Perform data grabbing to collect existing data from various sources.
- Map collected data to relevant products and partners.
- Evaluate and implement existing solutions for data scraping, harmonization, and optimization to avoid redundant development and maximize efficiency.

2. Data Structuring and Gap Identification:

- Ensure data quality by verifying accuracy and consistency.
- Assign data to predefined criteria, such as sustainability, regional origin, or CO_2 footprint.
- Identify and address gaps to enhance transparency and usability.

3. Automatic Gap Reduction:

- Implement automated processes to efficiently close identified data gaps.
- Optimize data quality for stakeholders, ensuring the best possible availability and accuracy.

4. Integration of Sustainability and Transparency Data:

- Integrate key sustainability metrics, including product origin and CO_2 modeling, into existing systems.
- Provide tools for consumer transparency, offering harmonized and sustainability-focused data.

About Energie AG

Energie AG Oberösterreich is a modern and efficient energy and services group. As a provider of electricity, gas, heat, water as well as waste disposal and ICT services, Energie AG stands for the highest quality and reliability of our products, processes and services.

As an infrastructure group, we supply more than 450,000 customers with electricity via the 30,000 kilometres long high and low voltage network. We operate more than 70 power plants (such as hydroelectric, photovoltaic plants, wind) following the highest ecological standards.

Deadline

Please make sure to submit your challenge entries by January 31st, 2025.

We look forward to receiving your application and if you have any questions, please don't hesitate to contact the startup challenge team - startupchallenge@energieag.at!