Green Tracker
environmental traceability for regenerative financing (#ReFi)

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EnergyLab is Chilean based startup, which aims to advise, integrate and develop innovative tools and business models for the industry, aiming to add value to different stakeholders, while promoting a paradigm shift around climate action, energy transition and sustainable use of natural resources.
We aim to carefully monitor, report and verify “green projects”... 

...so, companies and entrepreneurs can use environmental markets to bring in massive amounts of innovation and cost effective results.
Green Tracker’s fundamentals

we are building trust on companies' environmental performance and claims; throughout an automated and high standard monitoring, reporting, verification and exchange system for any type of measurable “green project”

Focused on the following CO₂ reductions (among others environmental results):

- renewable energy and clean fuels
- electromobility and sustainable transportation
- materials recovery and recycling

Based on three key features:

- international monitoring protocols and methodologies
- high level of automation and rapid implementation
- hybrid “blockchain as a service” development
Traditional MRVs

Meters, sensors, IoTs → Cross-checkings → Error measurements → Calibrations

Raw data → Data Loggers → Servers

Manual download → User’s PC

Manual activities on user’s PC

Storage → Reports → Reports → Calculations Engine → Data load and transformations → Formats unification

Communications

Searching on storage → Mail

Auditor

Electromobility
Renewable energy
Resources & Waste Management

“Green Projects”
Green Tracker’s MRVs digitalization (d-MRVs)

Electromobility
Renewable energy
Resources & Waste Management

“Green Projects”

Meters, sensors, IoTs → Cross-checkings → Error measurement → Calibrations

Raw data → Data Loggers → Servers

Automatic activities at the cloud and supported by blockchain technologies

Storage → Reports → Calculations engine → Data load and transformations → Formats unification

Online communications

Access for auditors, developers, clients and stakeholders

Green Tracker

APIs

Auditor
Green Tracker’s features

Different user profiles are allowed
Green Tracker’s features

Projects main features and results descriptions
Green Tracker’s features

Electromobility projects and its general overview
Electromobility projects

Detailed project description, its MRV and other technical features

### Delivery Electrónico Casaldea

**Descripción**
Mediante el servicio de delivery entregado por E-Mov, Casa Ideas llega con sus productos a sus clientes con vehículos cero emisiones y que evitan contaminantes globales como el CO2, CH4 y NOx.

**Información técnica**
- **Metodología:** Metodología para Sistemas de Carga de Vehículos Eléctricos
- **Estándar:** No registrado
- **Término de monitoreo:** 31-12-2022
- **Inicio de monitoreo:** 01-12-2021
- **Duración período crediticio (años):** 5

**Descripción MRV**
Reducciones son calculadas en base a kilómetros recorridos, eficiencia promedio del vehículo eléctrico y de líneas de base así como el factor de emisiones anual de red eléctrica.
Electromobility projects

Detailed project description, its MRV and other technical features
Electromobility projects

Detailed project description, its MRV and other technical features
Electromobility projects

Detailed project description, its MRV and other technical features

<table>
<thead>
<tr>
<th>ID</th>
<th>Proyecto</th>
<th>Medidor</th>
<th>Origen de datos</th>
<th>Tipo</th>
<th>Unidad de salida (Material)</th>
<th>Frecuencia monitoreo</th>
<th>Zona horaria</th>
<th>Acciones</th>
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<td>Analógico</td>
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<td>Analógico</td>
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<td>1 hora</td>
<td>America/Santiago</td>
<td>A</td>
</tr>
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Electromobility projects

Detailed project description, its MRV and other technical features
Electromobility projects

Embedded auditing module
Electromobility projects

Environmental results are tokenized and potentially exchanged or cancelled

Balance de Tokens (disponibles para transferencia)

A continuación se presenta el saldo anual de los distintos Tokens disponibles para transferencia, así como aquellos que han sido ya transferidos a otros usuarios y/o "dadas de baja":

<table>
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<th>Token</th>
<th>Saldo</th>
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<tbody>
<tr>
<td>MWh-2021</td>
<td>54</td>
<td>Transferir</td>
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<td>MP10-2021-</td>
<td>1200</td>
<td>Transferir</td>
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<tr>
<td>MP2.5-2021</td>
<td>300</td>
<td>Transferir</td>
</tr>
<tr>
<td>MWNER-2021</td>
<td>1000</td>
<td>Transferir</td>
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Residues management project

Detailed project description, its MRV and other technical features
Residues management project

Residues module for unstructured data collection based on AI algorithm
Additional tokens supported (among others):

- Renewable energy generation
- Water savings
- Materials recycling
- Local pollutants mitigation (MP, SO2, NOx)
Green Tracker’s value creation

1. Enhancing transparency, traceability, immutability and data security
2. Reducing MRVs associated risks, frictions, time dedication and operational costs
3. Easing environmental communications to investors, clients, regulators and other stakeholders
4. Enabling results-based financing schemes, like green bonds and other type of mechanisms
Thank you!!