

r:verse

The Impact Certification Platform for Decarbonization Greentechs

February 2024

Riverse is the MRV (Measure-Reporting-Verification) platform for valuing the environmental impact of Greentech.



Measure

Access a tailor-made comparative LCA model, scalable over time, to measure your impact

The 'Reporting' interface displays a table of Key Impact Indicators for Pyrolysis (heat, elec, biochar):

N.	Variable	Value	Description
1	Hours operated annually	8000 hours	Number of annual hours in operation, to transform 1kg and 14g to bark and Meth
2	Electricity produced MWh	10000 MWh	Yearly expected electricity production
3	Heat produced MWh	90000 MWh	Yearly expected heat production
4	Wood amount 1	80000 tonnes	Amount of wood feedstock 1
5	Wood amount 2	4000 tonnes	Amount of wood feedstock 2
6	Biochar amount fresh	3000 tonnes	Amount of biochar produced (bark+ bark matter)
7	Organic carbon content	30 %	Organic carbon content, assumed average of 70% dry mass of carbon over dry mass of biochar.
8	Moisture content	1 %	Moisture content of the biochar.

Reporting

Add source evidence of this impact to justify it to your ecosystem within a rigorous framework.

The 'Verification' interface displays a table of an Independent Validation Report for Issuing Carbon Credits:

VERIFAVIA aviation airports shipping		Independent Validation Report Assurance for Issuing Carbon Credits	
Project Assurance Statement			
PROJECT DETAILS			
name of Project Developer:	Okamac		
Address of Project Developer:	3 Impasse de la Chaîne, Ecoflant, 49000 Angers, France		
A ID:	Okamac - 2023 - 1		
Contract Date:	23.03.2023		
Type of associated credits:	Avoidance		
Materiality Threshold:	5%		
Framework Reference:	Riverse's methodological framework based on Life Cycle Assessment (LCA)		
Sector-specific frameworks:	Reconditioning products / Extending end-of-life		
SCOPE DETAILS			
Reference:	Riverse Standard Rules (Version 5, February 2023)		
Project Overview			
Credit issuance period:	01.01.2022 - 31.12.2026		
Project description:	Electronics reconditioning		
Functional Unit 1:	Dealing with the end of life of macbook and produce a new one		
Functional Unit 2:	Dealing with the end of life of iMac and produce a new one		
Duration (years):	5		

Verification

Check your impact regularly with up-to-date values, and with the support of an accredited auditor if necessary.

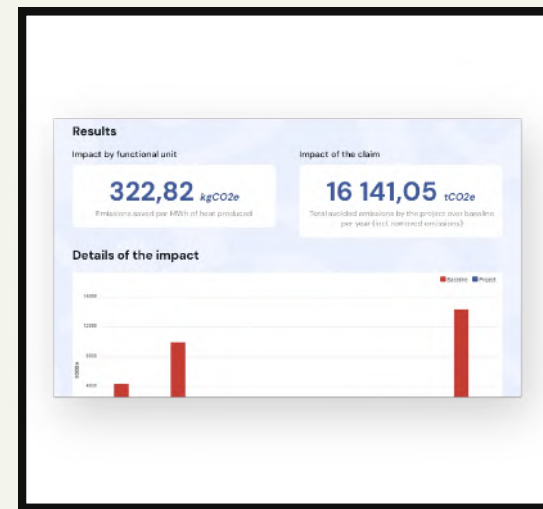
Riverse offers an end-to-end solution for adding value to Greentech.



Comparative LCA model

Impact quantification according to ISO 14040-44 / ISO 14067 standards.

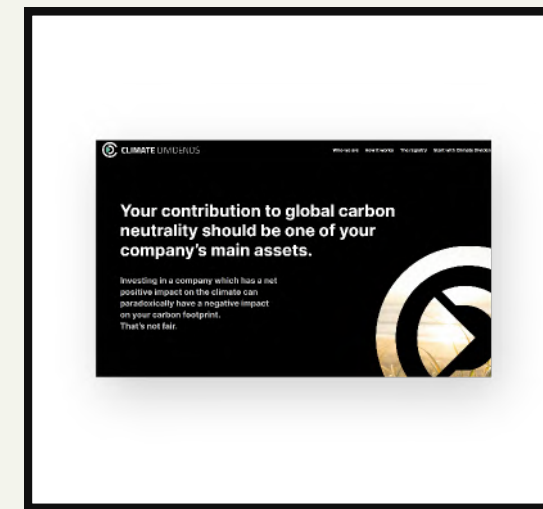
Via an accessible data model to enable eco-design



Standardized impact reports

Generate project impact reports based on your comparative LCA model

Convince your prospects and retain your customers.



Climate Dividends

Join the Climate Dividend Protocol

To provide your investors with a tangible extra-financial KPI.

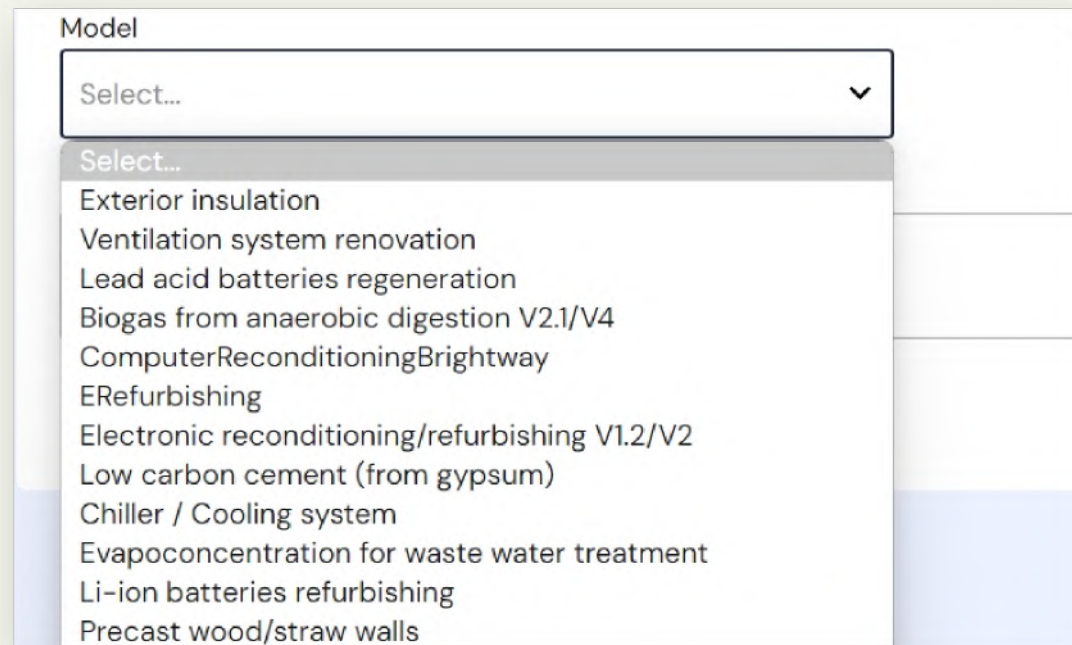


Européenne Taxonomy

Prove your eligibility for the European taxonomy, a financial regulation.

To help you raise debt from banks.

Riverse already has models available and can also work to order.

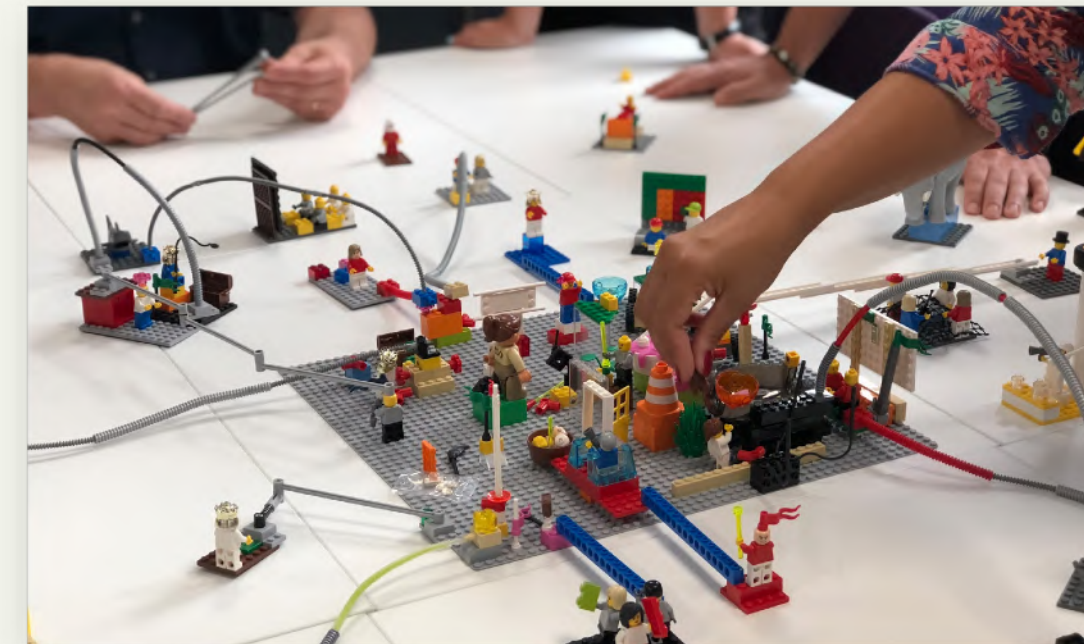


LCA model already developed

Search and encoding already done

Dedicated set up in 2 weeks

From €5,000 per year



Customized comparative LCA model

Custom model design

8-week project

Model adaptation: from €3,000 set-up fee

New model: from +5,000€ set up fee

List of comparative LCA models already available in the Impact Certification Platform

Energy



Biogas from agricultural waste



Biomass heating



Pyrogasification (Bioenergy + Biochar)



Low-carbon H₂ production & use

Construction



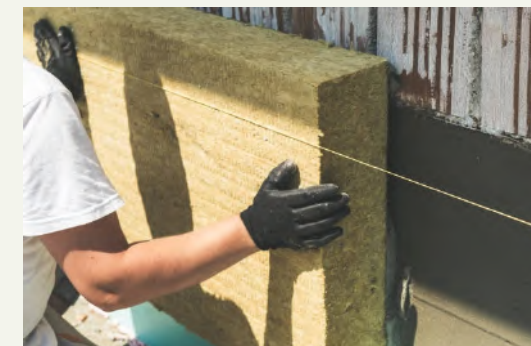
Biobased building materials



Low-carbon cement



Reuse of building materials



Building insulation

Circular Economy



Reconditioning of IT equipment



Textile recycling

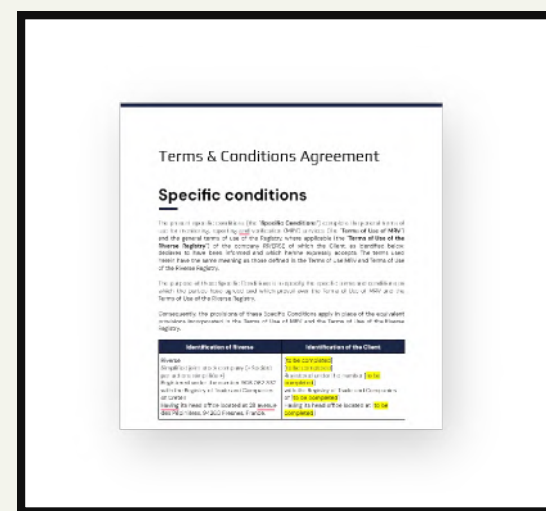


Battery reconditioning



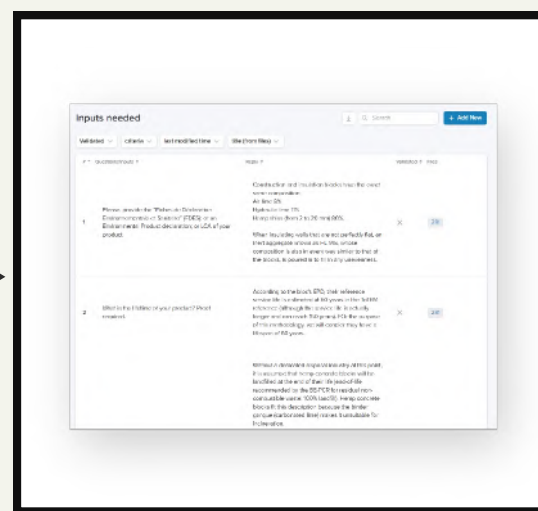
Carbon fiber recycling

A 2-week set up to access your customized comparative LCA model and platform.



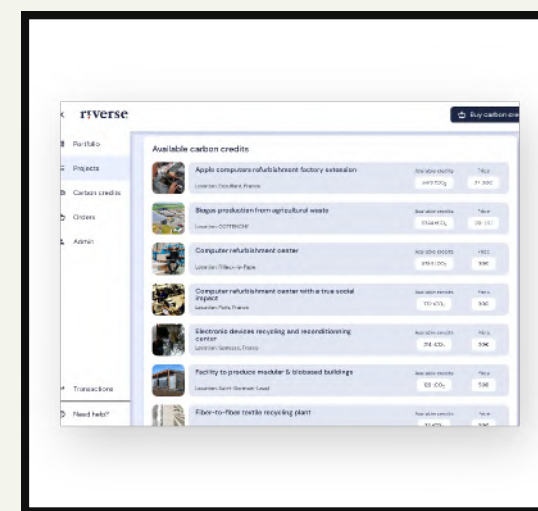
Signature of Service Agreement

Agreement on partnership conditions by e-signature



Information collect

Provide all the project information needed to set up the model



Access the platform

To produce your own simulations and comparative LCAs.



Third-party audit (optional)

For Climate Dividend or issuance or some ISO norms.



Prove your impact

By generating the right support for each audience.

A complementary team to support you throughout your journey.



Grégoire Guirauden
Business



Dr. Erica Dorr
Climate



Samara Vantil
Project management



Clément Georget
Customer Success

Next steps

Our value proposition

- A comparative LCA model that evolves with your process over time
- Pre-configured models to save costs and increase efficiency
- A single platform for data collection, calculations and impact assessment

To move forward

- Defining your comparative LCA scope
- Timing and stakeholders
- Signature of platform Terms & Conditions and onboarding



reverse

Thank you!



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