



Proposal for a custom FDES/EPD configurator for paints

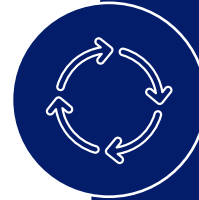
Accelerate the production of reliable
environmental declarations and strengthen
your market position.





An expertise and innovation office specialised in Life Cycle Management since 2017

WeLOOP supports your organisation's **Life Cycle Management** and **circular economy** projects, from strategy definition to implementation.



Conducting Life Cycle Assessment (LCA) studies for industrial products, services and processes



In-depth expertise in the development and verification of FDES and EPDs for construction products



Support for eco-design and innovation initiatives

Supporting the sector's regulatory and environmental developments.

We support stakeholders across the construction sector in assessing the environmental performance of their products and processes.



Development and verification of Environmental Product Declarations (FDES & EPD)



15+ years of experience
developing FDES/EPD

3 experienced verifiers
recognised by leading
programme operators
since 2018



Verification of the
reliability and robustness
of data and results

Mastery of numerous
product families in
construction

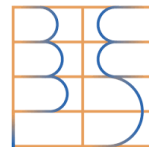


Support
that is human and
personalised

An approach
tailored to **your needs**



France
FDES



B-EPD .BE

Belgium
B-EPD



Germany
IBU-EPD



INTERNATIONAL EPD SYSTEM

Europe - Global
EPD International



Development of custom digital tools

Ailoop develops **digital solutions** that make environmental data and complex assessment processes reliable, accessible and operational.



Designing digital tools to make environmental processes more reliable



Structuring and organising environmental data to make it usable



Automating complex processes to increase efficiency

A team dedicated to the building sector, experienced, and able to deliver on time without compromising quality.



Clément BOLLE
5+ years of multi-sector LCA experience
INIES Verifier
Materials & eco-design expert



Guillaume Szablewski
18+ years of experience in digital transformation
Co-founder and CEO of Ailcoop
Project management
Client relations



Dr. Carolina Szablewski
10+ years of LCA experience
EPD International-approved verifier
FDES development
Project management for paint configurators



Dr. Naeem ADIBI
20+ years of LCA/FDES experience
CEN/TC 350 expert
INIES / IBU / TOTEM / PEP Verifier
Founder and CEO of WeLOOP
Co-founder of Ailcoop



Marie Beccat
5+ years of LCA experience
Coordination between LCA and development teams
Client relations
Project management on 4 configurators



Sam Herlicq
3+ years of multi-sector LCA experience
Materials & eco-design expert
Development of paint FDES



Ailcoop development team
2+ years of experience developing configurators
Development of 7 configurators
Paints, steel, concrete, PVC, insulation, construction rocks, etc.
Full-stack development

Two complementary areas of expertise





Development of custom configurators for your paints' FDES/EPD

Accelerate the production of reliable environmental declarations and strengthen your market position.

A custom in-house FDES/EPD configurator for your paints

An FDES generator configurator built around your paints, industrial processes, and real-world usage.

This isn't a generic, pre-configured tool; it's a **solution designed for your specific context.**

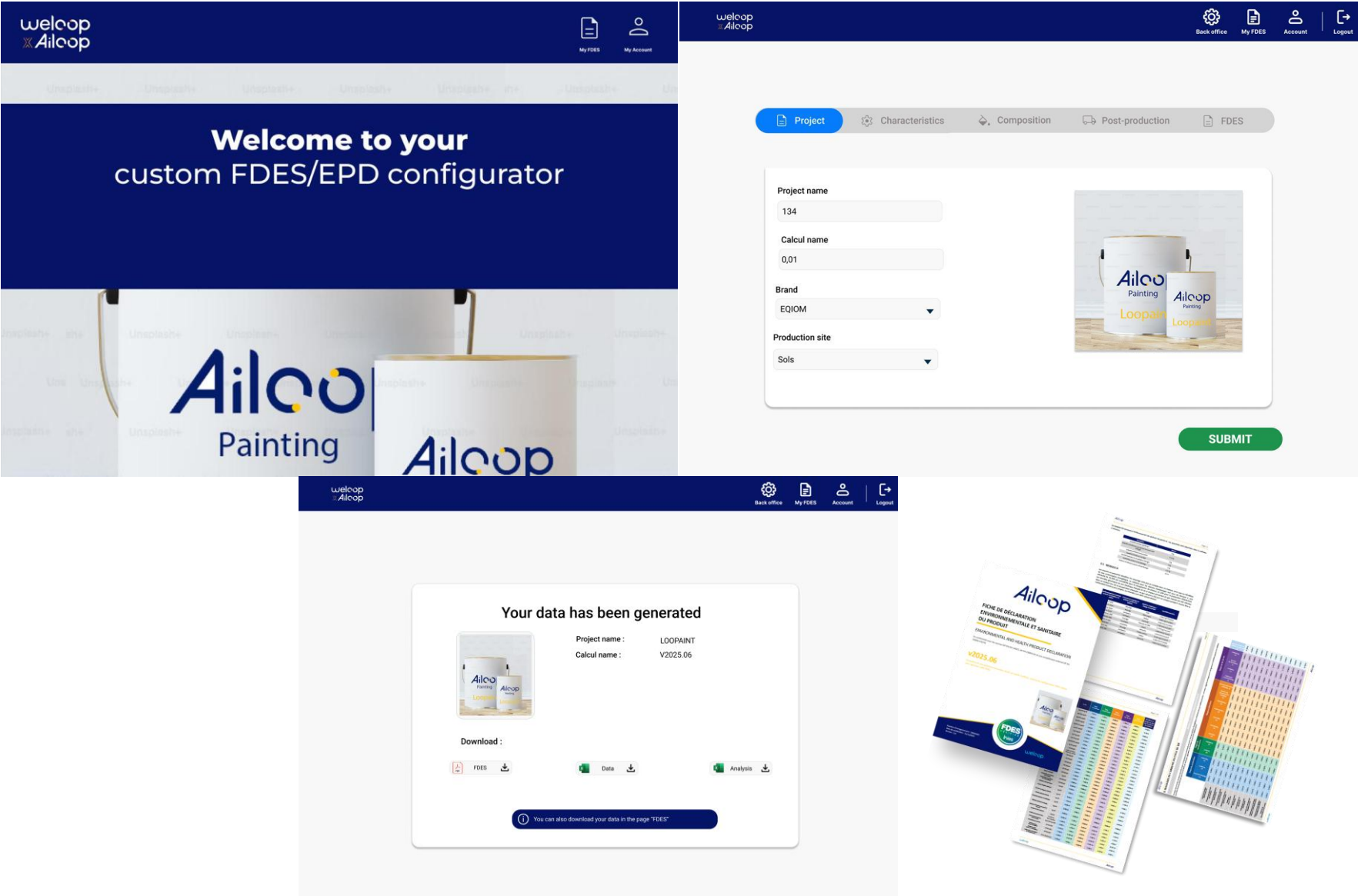
The custom FDES/EPD configurator (generator) lets users enter a product's characteristics and automatically generate the corresponding declaration using predefined data and calculation rules.

- ✓ **Provide** environmental declarations for a broader range of products
- ✓ **Configure** each product based on its specific raw materials
- ✓ **Designed** to meet the requirements of the selected EPD programme operator
- ✓ **Verified** EPD/FDES under minor verification mechanisms
- ✓ **Modelled** according to a real product and specific supply
- ✓ **Published** on the corresponding program

Illustrative interface



Customisable to your brand guidelines, from the name to the typography and visuals.



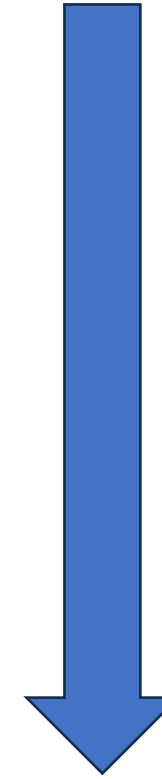
Why invest in a custom EPD/FDES configurator?

Invest in a configurator to

- ✓ **Reduce** the **cost**
- ✓ **Increase** the marketing **impact** of your FDES/EPD

Cost of a conventional FDES/EPD

Development budget FDES/EPD	~€4,000
Estimated internal staff time	~€3,000
Budget verification	~€1,000
Publication cost	~€200
Total per FDES/EPD	~€8,200



Cost of an FDES/EPD with WeLOOP/Ailoop configurator

Development budget FDES/EPD	~ €1,500
Verification budget	~ €500
Fixed tool cost Amortised over 25 EPD/FDES	~ €200
Publication cost	~ €200
Total per FDES/EPD	~ €2,400

Why invest in a custom EPD/FDES configurator?

An **initial development** time, quickly offset by a **reduced production time** of less than one hour per FDES/EPD.

Traditional approach for an FDES/EPD



Approach with a configurator



**Indicative duration, subject to timely data availability and verifier availability.*

Real advantages

Autonomy and regulatory compliance, in service of the value and credibility of your products.

1

Meet **regulatory requirements**

2

Improve operational **efficiency**

3

Generate declarations **tailored to each product**

4

Make your **environmental data more reliable**

5

Add more **value** to your products

How we work

welcop



Life Cycle Assessment

- Building the inventory
- Performing the LCA
- Preparing the EPD
- Writing the report



Data

- Identifying the EPD variables and required data
- Identifying the questions to ask in the forms
- Identifying the calculated data
- Identifying the calculation formulas

Ailcop



Development

- Adapting the interface
- Adapting the database
- Implementing the verified LCA model
- Functional and calculation testing



Technical assistance

- Support with tool verification
- Integration of fixes



Hosting and maintenance

- Production deployment
- Hosting of the application*
- Corrective maintenance of the application*

**for 5 years*

The main steps



A **structured process**, from initial scoping through to the generation of your first EPDs

Contract signature

project kick-off

Mapping raw materials

Inventory of 30 materials and their sourcing locations

Collecting data

from the production site

Setting up and customising the configurator

logo, brand guidelines, web link

Selection and modelling

of raw materials and production sites

Verification

of the configurator and its underlying LCA model

Launch

of FDES/EPD generation

Proposed package - Base version

Functionalities & costs

Terms	Cost (excl. VAT)
Integration package (five years of access)* including: - 1 specific manufacturing site - Up to 30 raw materials selected jointly with the client - 3 standard packaging types** – defined by you	€5,000 / program operator ***
Generating one individual FDES/EPD using the configurator	€1,500/FDES-EPD
Verification of an individual FDES/EPD (third party)	€500/FDES-EPD

* This commitment covers the initial verification costs of the configurator

**A standard packaging type is defined by a material and a volume

*** This initial cost of €5,000 (excl. VAT) covers use of the configurator for 5 years.

Registration fees charged by the program operators are not included.

Proposed package - Base version

 Extra services

Additional services*	Number of working days**
Additional modelling of a production site	5 days per extra site modelled
Modelling of additional raw materials or packaging	0.25 day per additional raw material or packaging type
Modelling an update in production or adding new functionalities	Quote on request

*** Additional modelling may result in additional verification costs (not included).**

**** The current WeLOOP/Ailoop daily rate is €1,000 excl. VAT.**

Illustrative cost per FDES/EPD based on five declarations per year over five years

Same scope (development, verification and publication) based on external costs

Traditional FDES/EPD

Developing one FDES/EPD <i>excluding internal time spent</i>	€4,000
Independent verification <i>estimated as €5,000 for 5 FDES/EPD verified simultaneously</i>	€1,000
Publication <i>assumption based on individual INIES publication tokens</i>	€200
TOTAL PER FDES/EPD	€5,200

Configurator-based FDES/EPD

Amortised integration <i>€5,000 ÷ 25 FDES/EPD</i>	€200
Generating one FDES/EPD <i>Unit price</i>	€1,500
Individual verification <i>Unit price</i>	€500
Publication <i>assumption based on unlimited yearly INIES token of €1,000 ÷ 5 FDES/EPD per year</i>	€200
TOTAL PER FDES/EPD	€2,400

Estimated difference: €2,800 less per FDES/EPD with the configurator

Why entrust us with your project?

Autonomy and regulatory compliance, in service of the value and credibility of your products.

End-to-end human support

Close, personal support with an expert point of contact who secures every step, from initial scoping through to submission to the relevant programme operator

Well-controlled environmental data

LCA modelling based on your specific data (products, processes, sites), rigorously incorporating programme operator requirements for reliable, usable results

On-time delivery and quality

An experienced team able to deliver on time without compromising on quality.

Controlled budget

A transparent and clearly itemised budget, distinguishing the base scope, optional services and third-party costs.



Thank you !



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