

SMARTREUSE

# The AI Platform for Circular Manufacturing

We turn leftover inks, lacquers and coatings from hazardous waste into traceable industrial value.

AI • ERP • Reuse • ESG • Digital Product Passport

# Factories pay twice for the same material.

First, they buy premium chemical materials. Then, when production ends, valuable leftovers are classified, stored and disposed as hazardous waste.

**Material value is destroyed exactly where it could be reused — inside the factory.**



paid to buy



paid to dispose

CO<sub>2</sub>

created by waste

**The hidden cost is not only environmental. It is raw material, disposal, compliance work, warehouse time and lost operator efficiency.**

# Manufacturing is entering a traceability decade.

ESG reporting, Digital Product Passport expectations, rising material prices and AI adoption are converging into one operational problem: factories need real data from the shop floor.

## Cost pressure

Raw materials and disposal costs are rising.

## ESG evidence

Factories need auditable sustainability data.

## DPP readiness

Product data must become structured and traceable.

## AI adoption

Industrial teams are ready for decision support.

**SMARTREUSE sits at the intersection of cost reduction and compliance automation.**

# AI that makes reuse safe, measurable and repeatable.

SMARTREUSE connects production schedules, recipes, inventory and operator execution. It recommends the safest reuse strategy before the next batch is mixed.

**Not “less waste” as a slogan. Less waste as a production decision.**

## Recipe intelligence

The system understands component compatibility and target formulation rules.

## Inventory optimization

Leftovers are converted into production-ready opportunities.

## Execution tracking

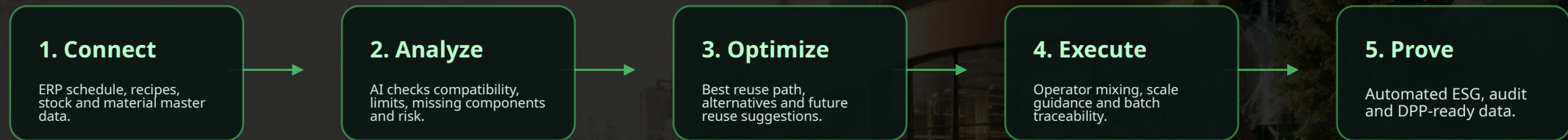
Operators mix with a guided workflow and real-time traceability.

## ESG / DPP data

Every reuse action becomes evidence, not manual paperwork.

# From ERP data to circular execution.

SMARTREUSE is not a dashboard. It is a closed-loop manufacturing system: analyze, recommend, execute, prove.



**ERP → AI Engine → Operator Portal → Traceability Layer**

# Our AI does what spreadsheets cannot.

It understands formulation logic, component restrictions, leftover aging, production timing and operator execution — then chooses the highest-value safe reuse option.

**Result: reuse is no longer a manual “maybe”.  
It becomes a governed decision.**

## Decision Stack

- ✓ Recipe compatibility
- ✓ Line-specific constraints
- ✓ Leftover consumption logic
- ✓ Alternative materials
- ✓ Production sequence
- ✓ Audit data generation

# The CFO and the ESG manager finally want the same thing.

SMARTREUSE connects financial savings with operational sustainability — without asking the factory to slow down.

**27%**

material reuse observed in pilot scenario



raw material and disposal exposure

**100%**

traceable reuse actions

**Live**

operator efficiency and compliance evidence

**Less waste. Lower costs. Better control. Cleaner data.**

# Start narrow. Expand across industrial chemistry.

Initial beachhead: coatings, inks and metal packaging — where leftovers are expensive, production is recipe-driven, and traceability pressure is rising.

## Beachhead

Coatings • Inks • Lacquers • Metal packaging

## Expansion

Adhesives • Composites • Specialty chemicals

## Platform Vision

Circular intelligence layer for manufacturing

**Every factory with recurring recipes and expensive leftover materials is a potential SMARTREUSE customer.**

# Enterprise SaaS with high-value industrial modules.

We sell the operational layer that turns waste reduction into a repeatable business process.

Land with savings. Expand with data.  
Retain through process integration.

## Platform License

Core AI optimization, inventory logic, traceability and reporting.

## Integration Fees

ERP, production schedules, material master and custom workflows.

## AI Modules

Future Reuse, operator guidance, lab intelligence, compliance certificates.

## Support & Pilots

Implementation, training, data validation and continuous improvement.

# Built from inside real production.

SMARTREUSE was not imagined in a slide deck. It was shaped around real industrial constraints: recipes, operators, leftovers, schedules and line-specific rules.

**The next milestone is not invention. It is commercialization.**

## Working

prototype with manufacturing data

## ERP-ready

schedule + inventory integrations

## Pilot

validated reuse logic

## D1

cloud database architecture

# A European circular manufacturing platform.

We scale from controlled pilots into a vertical platform for chemical-material reuse and compliance data.

2026

1

Industrial pilots

2027

2

Bulgaria scale-up

2028

3

CEE expansion

2029

4

Europe roll-out

2030

5

Global platform

**Our ambition: make safe reuse the default operating mode for factories using complex chemical materials.**

# We are raising €250,000 to turn validated technology into a market launch.

Capital will accelerate productization, paid pilots, sales execution, IP protection and operational readiness.

## Use of Funds



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Join us in eliminating industrial waste at the source.