

eWaste

Circular economy in 360° rotation

Digital solutions for waste
management and the
environmental data collection



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Team Manager Products & Projects



Profession:

- Electronics technician for Systems and Devices
- Further Training on project work in accordance to PRINCE 2
- At Axians eWaste since January 2010
- Productmanager eTFSportal

Leisure activities:

go hiking, wellness

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The VINCI Group

World leader in multi-technical
system integration and concessions



CONCESSIONS



VINCI
Autoroutes



VINCI
Airports



VINCI
Concessions

CONTRACTING



VINCI
Construction



Eurovia



VINCI
Energies

Axians eWaste
40 employees

CO-Öffentlich

71,6
Mrd. €
UMSATZ

+120
LÄNDER

285.000
MITARBEITENDE



Cloud solutions for waste and environment

Legal requirements

Waste statistic

Business Optimisation

Electronic order/
billing management

Waste management

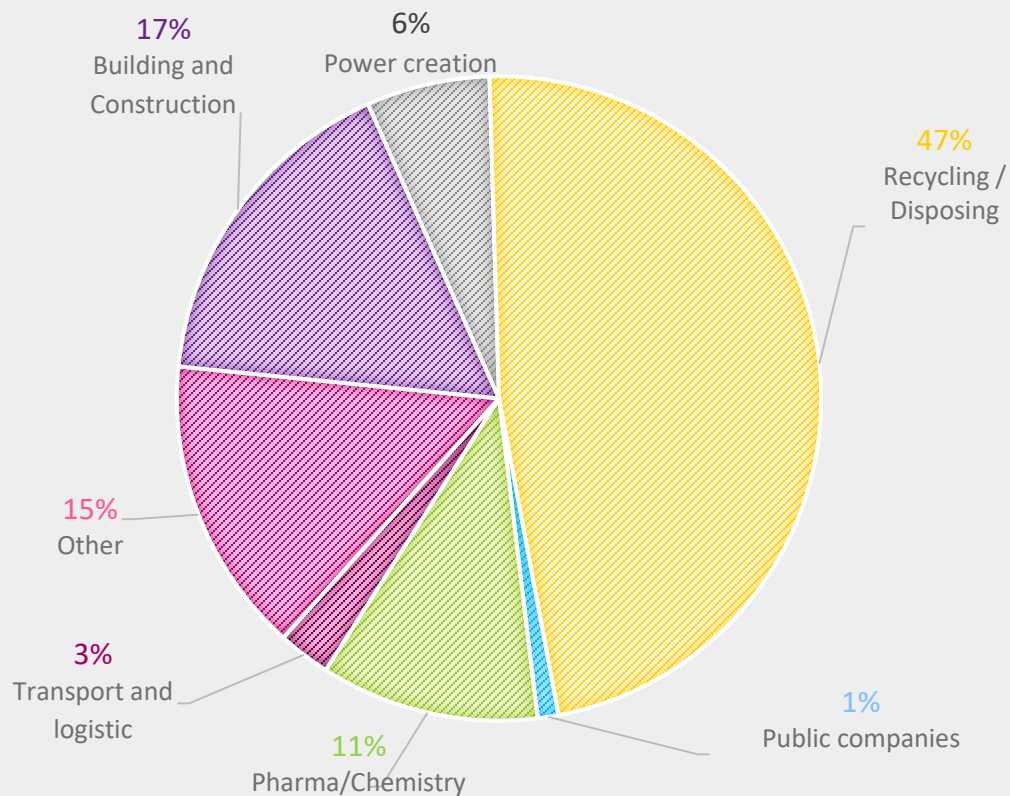
Data collection/
electronic signatures



AREAS OF THE CHEMICAL INDUSTRY



PRODUCTION/ WASTE DISPOSAL/ RECYCLING INDUSTRY



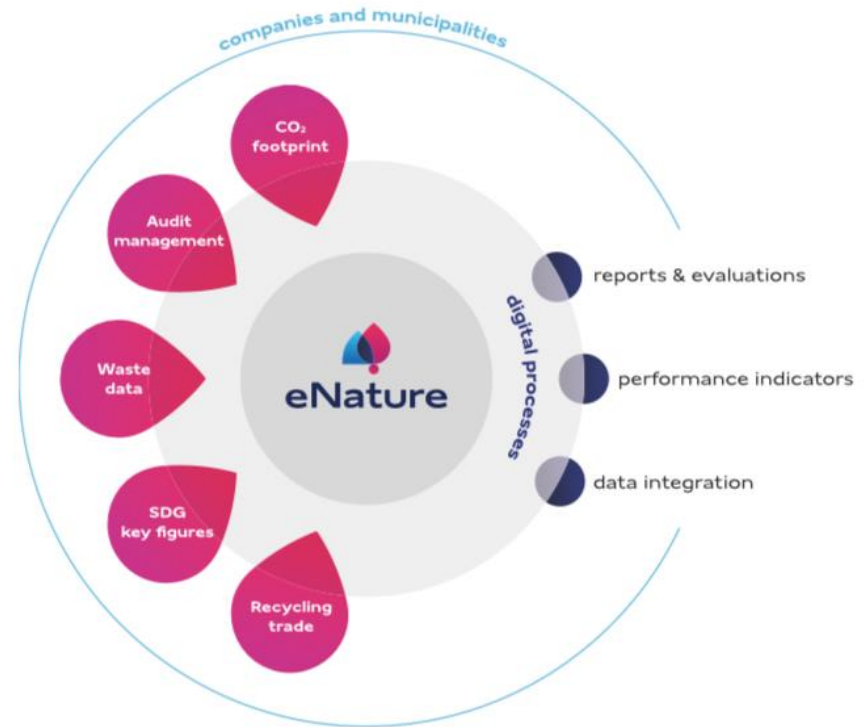
Segmentation of the
Top 50 out of
4000 customers

**Certified.
Sustainable. Smart.
100% Self-developed**



The game changer for your **environmental data management**

With our central platform, we help companies and local authorities to manage the complex requirements of the CSRD, achieve sustainability goals and promote a circular economy in the long term.



 eWaste

eNATUREportal

Brief introduction



What can the software do?

Internal waste management & external waste streams



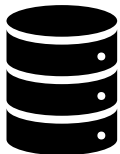
Management of all
disposal processes & stock
receipts



Integrated signing
(eANVportal)



Evaluations & analyses



Management of all data &
users centrally in one tool



Invoice program & invoice
verification



...and much more



The waste sheet is a central element in the master data.

It links various data for one waste each (AVV)


Suppliers &
Customers


EN / SN


Origins


Container &
warehouse
management


Further
documents


Logistics


Prices


GHS


ADR

Waste sheet

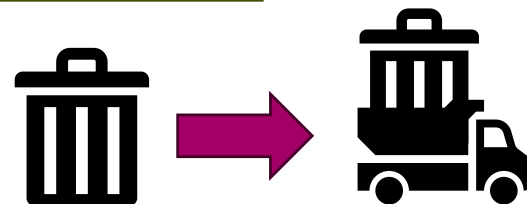
- Part number
- AVV
- Internal designation
- Legal classification
- Evaluation & billing specifics
- Other material properties such as odor, consistency and much more.
- eAVAL agreement



Disposal process

Waste management

From the roots (master data) the day to day tasks are done simple and quick



Who does what and how?

All roles (producers, transporters, disposers)

Details: Weight, vehicle, trailer, container...

...much more

Disposal processes can be scheduled (ordered & managed with a time delay).

eWaste **eNATUREPORTAL**

Angemeldeter Benutzer: ADMIN

Prozesse, ADMIN
Neuen Datensatz erfassen
In Bearbeitung
Zugesendet (0)
Suche
Vorlagen
Arbeitsvorrat (0)
Hoffliste
Entsorgungsdisposition (0)
Betriebsstagebuch
Bestandsliste
Bestandskorrektur
Lagerbestand

Werk: Continental Autonomous Erzeuger: Bitte auswählen Typ: Entsorgungsdisposition: Bitte ausw. //

Sachnummer: Sammelstelle: Projekt: //

Verteiler: Anfallstelle: Alle ☐ Kostenstelle: Alle ☒ //

EN/SN-Nr.: ADR: //

Übernahmeschein-Nr.: //

Frachtbrief: Lfs-Nr.: //

Entsorger: Brutto Wiege-Nr.: 0,000 Übergabe: 26.02.2025 14:03:01 //

Entsorgungsanlage: Tara Wiege-Nr.: 0,000 Übernahme: 26.02.2025 //

Beförderer: Alle ☒ Netto Ursprung EANV Annahme: 26.02.2025 //

Fahrzeug: Anhänger: Behälter: Beleg-Nr.: //

Nummer: Tara: Fahrer: Anzahl: 1 //

Kfz-Art: Verp.: Bitte auswählen Inhalt: m³ //

Preisliste: Job-Nr.: //

Interne Hinweise

Abfallerzeuger: Kunde Chemiepark Hanau		Auftragsnummer: A13633			
Ulm		Auftragsdatum: 04.12.2023	Mitarbeiter (-in): Paulus, Conrad	Anfallstelle: Bau 1724 Nord	
Abfallschlüsselnummer: 170301		Abfallbezeichnung: kohlenleerhaltige Bitumengemische			
Interne Abfallnummer: 170301		Interne Abfallbezeichnung: Dachpappe			
Menge: 10.00	Einheit: t	Packstücke: 0	LGK: 3	WGK:	
SAP-Materialbezeichnung:					
SAP-Materialnummer:		Auftrag/ Charge:			
Gefahrstoff:					
  					

Ausgabe

-  Wiesegschein (Werk)
-  Lieferschein (Werk)
-  GHS Label (4 Stück, Hochformat, 105x150) (Werk)
-  GHS Label (2 Stück, Querformat, 210x148,5) (Werk)
-  GHS Label (2 Stück, Hochformat, 148,5x210) (Werk)
-  Frachtbrief (Werk)
-  Begleitschein (Werk)
-  Bestandsliste (Werk)
-  Beförderungspapier (Werk)
-  Behälteraufkleber (Werk)
-  GSB-Gebindeaufkleber (Werk)

Begleitschein

Beleg zum Nachweis der Entsorgung von Abfällen

Nr. 14707971902396 0



Abfallbezeichnung

kohlenleerhaltige Bitumengemische

Abfallschlüssel

170301

Entsorgungsnachweis-Nummer

ENACPADA0911 7

Menge (t)

0,001

Volumen (m³)

Erzeugernummer

AFUM98110 3

Beförderernummer

AFUM00048 2

Entsorgernummer

AFUM98110 3

Datum der Übergabe

19.01.2024

Datum der Übernahme

19.01.2024

Datum der Annahme

☐ verweigert ☐

KFZ-Kennzeichen

Zugmaschine ☐ Anhänger/A ☐

Abfallbezeichnung nach AVV
kohlenleerhaltige Bitumengemische

AVV - Schlüssel
1 | 7 | 0 | 3 | 0 | 1

Firmenname, Anschrift

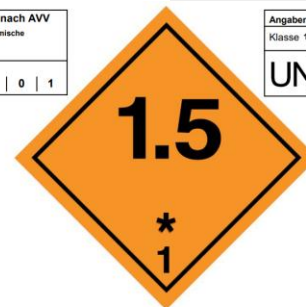
Besender:
Zweiger 98110
Zweiger 110
Dreieringer Weg 17
9081 Ulm

Beförderer:
F&M Beförderer 3 PORTAL
Str F&M Beförderer 3 PORTAL 482
99482 Ort F&M Beförderer 3 PORTA

Unterschrift (als Versicherung der richtigen Deklaration)

Unterschrift (als Versicher der richtigen Deklaration)

Angaben zum ADR
Klasse 1 GZ 1.1D VG
UN-Nr. 0209



Gefahrenbezeichnung lt. Gefahrstoffverordnung					
☐ gesundheitsschädlich (Xn)	☐ brandfördernd (O)	☐ giftig (T)	☐ leicht entzündlich (F)	☐ ätzend (C)	
☐ explosionsgefährlich (E)	☐ umweltgefährlich (N)	☐ sehr giftig (T+)	☐ hochentzündlich (F+)	☐ reizend (Xi)	
Konsistenz ☐ staubförmig ☐ fest	☐ nichtfest ☐ pastig ☐ flüssig	Einlagerdatum/Kontrolle	Versanddatum/Kontrolle		

Legally compliant labelling and documentation of processes
to stored signature function & label printing



eTFSportal

Simple cross-border shipment of
waste

European Commission – Amendment to the Waste Shipment Regulation

Regulation - EU - 2024/1157 - EN - EUR-Lex ([europa.eu](https://eur-lex.europa.eu/))

Chapter 5

Article 27

General Provisions

Electronic transmission and exchange of information

(1) „The following information and **documents shall be submitted and exchanged by electronic means**, via the hub of the central system referred to in paragraph 3 or via **other available interoperable systems or software** in accordance with paragraph 4: ...”

April 30, 2024:

Publication of the new regulation in the Official Journal of the EU.

May 21, 2025:

Deadline for the EU Commission to establish details on **electronic accompanying** documents.

May 21, 2026:

Entry into force of the new regulation, fully replacing the previous Regulation (EC) No 1013/2006.

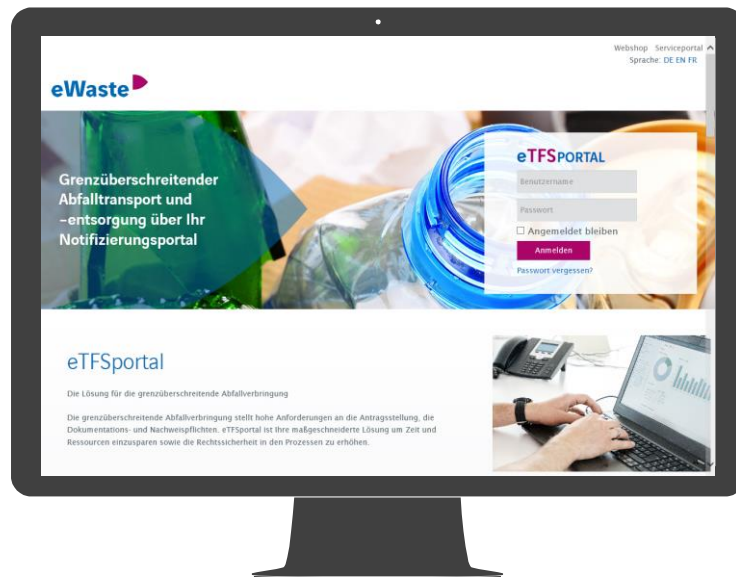
May 21, 2027:

Completion of the final treatment of waste shipped under approvals granted before May 21, 2026.

Your advantages with the eTFSportal

In the future, you can handle your notification procedure paperlessly!

- ▶ Electronic exchange of required (notification) documents
- ▶ Master data-based creation of transport documents in the required national languages
- ▶ Batch editing and signing of documents possible
- ▶ Individually configurable method of transmission of transport documents
- ▶ Web service interface for ERP / scale
- ▶ SaaS solution also available as myPortal in the private cloud





Transport application – within a few steps

Home

Start

Notification

Master data

Plant scheduling

Reporting

Administration

System

Back to list

Notification: DE123456789

Overview

Form

Financial guarantee

Settings

Documents

Share

Notification approval

Print Annex IB

Current waste movments

Create new movement document

Create new document by default template

8 - Transport application

7 - Transport application

6 - Transport application

5 - Transport application

4 - Transport application

3 - Transport application

2 - Transport application

1 - Certificate of receipt

Go to document:

Documents

Behörde.pdf

Download

Save

Sign

Send

Print

More

Cancel

DE123456789 / 3

Waste key: 191212

GUID: 93f640dd-126f-477d-a0f5-6389d88482a5

Layer

Export

eTFS

SPORTAL

Layer

Form-Validation

Carrier

At least one carrier is required

Actual quantity

Invalid value

Given name

This field should not be empty

Family name

This field should not be empty

Tel

This field should not be empty

Given name

This field should not be empty

Family name

This field should not be empty

Tel

This field should not be empty

Edit document

Transport application / Certificate of waste receipt

Cover sheet

Exporter / notifier

Importer / consignee

Carrier

Waste origin

Disposal facility

Waste identification

Confirmations

Customs

Verfahren

Notification

Annex VII

Notification no.

DE123456789

Serial number

3

Total amount of shipments

1000

Description

Actual quantity

Tonnes

Actual volume

Cubic meters

Shipment date

2025-06-30

Canceled

Special handling requirements

Packaging type

2. Wooden barrel

Description

Number of packages

1

Add package

Attachments

Filename

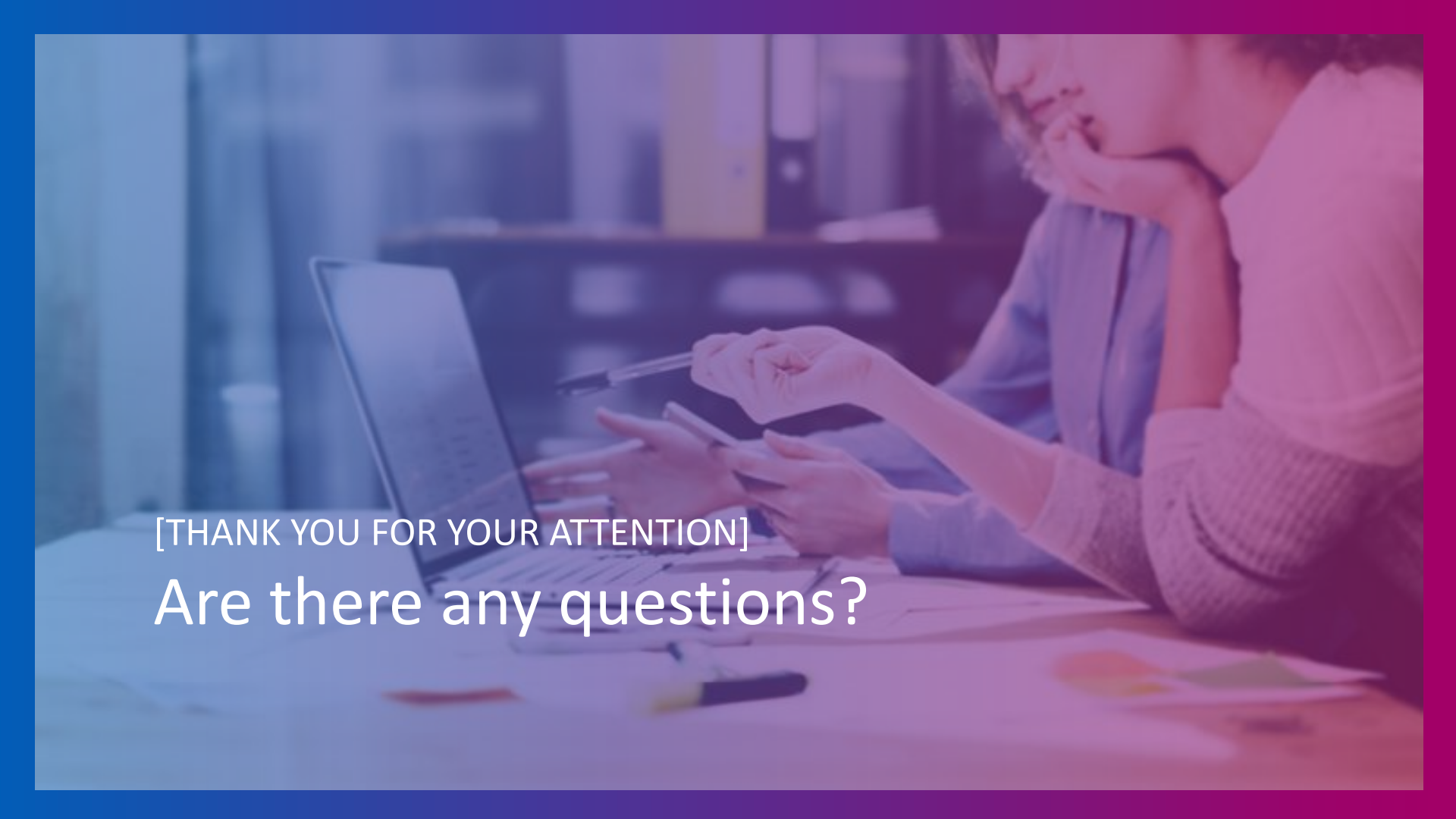
note

Date

Sending

Embed

Already in XML

A photograph of two people, likely a man and a woman, sitting at a desk in an office or meeting room. They are looking at a laptop screen. The man is holding a pen and pointing at the screen, while the woman is resting her chin on her hand. There are papers and a pen on the desk. The image has a blue and purple color overlay.

[THANK YOU FOR YOUR ATTENTION]

Are there any questions?



eWaste 

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