SAP Solution Brief
SAP for Utilities

SAP Legal Requirements for Waste and Recycling by PROLOGA

RELIABLE COMPLIANCE WITH WASTE LAW REGULATIONS

DOCUMENTATION AND MONITORING OF WASTE DISPOSAL PROCESSES

At home and abroad, environment-friendly waste disposal is subject to strict regulation. SAP® Legal Requirements for Waste and Recycling by PROLOGA gives you tools designed for ease of use that help you comply with these complex legal requirements while enjoying peace of mind.

With the current plethora of country-specific and international regulations and laws, environment-friendly waste disposal has become a complex issue. To make the task a little easier, we offer SAP® Legal Requirements for Waste and Recycling by PROLOGA, which helps you to:

- Properly dispose of waste in accordance with the latest laws
- Maintain the required documentation, such as waste approval permits, dock receipts, and declarations of acceptance
- Ensure you are adhering to deadlines and waste quantity restrictions

The benefits are obvious: you minimize administrative overhead and help ensure that your legal obligations are fulfilled, which saves you precious time in daily operations and avoids additional costs.

The Waste Approval Permit – the Cornerstone of Waste Disposal

The waste disposal process involves several partners, all of whom have to furnish evidence that their off-site disposal and waste disposal practices comply with waste law and are environment-friendly. The cornerstone of all of this is the waste approval permit. This document represents the waste generator's declaration. It also specifies the origin and physical properties of the waste, and it contains the disposer's declaration of acceptance and the certificate of the authority with responsibility for the waste disposal facility.

An accompanying disposal document may also document in detail the physical properties of the waste in the form of a characterization analysis, among other things.

What is the best way of dealing with the increasing complexity of waste approval processes? Spend some time getting to know the SAP application that helps you to create and maintain an intelligent material-flow management concept. Find out how to map material flows and services in detail so that when customers or authorities approach you with queries, you always have the relevant information at your fingertips.

Create Transparent Waste Disposal Processes in Your System

The SAP Legal Requirements application is fully integrated into the SAP Waste and Recycling application. This translates directly into benefits for you, as there is no need for you to switch between programs or to make duplicate entries. All you have to do is add the data relevant to waste law into the standard screens in SAP Waste and Recycling. Once you have entered the required master data – such as business partners, catalogs, and waste approval permits – you can start using SAP Waste and Recycling right away to map waste disposal procedures in your system. The reduction in workload is apparent as soon as you create a service frequency, for example. You need only enter the required information – such as waste disposal partner, change of transportation, temporary storage facility, and waste types – or simply copy it from a waste disposal permit or template.

Official data is used only when required for statutory or business reasons, such as when you are creating a waste disposal order item from a service frequency, creating disposal documents or dock receipts, or confirming weighing data and orders. You can also use SAP Waste and Recycling for material postings and financial accounting, as well as to maintain waste lifecycle analyses and quantity updates. In this way, the relevant data is always available and ready for reporting purposes.

Adapt Flexibly to Special Requirements

Although waste law is governed at a fundamental level by European and international standards, there are also country-specific, customer-specific, and, in Germany, special state-specific requirements to be considered. Thanks to its extensive adaptability, the SAP application offers maximum flexibility in these situations. These are just some of the things it enables you to do:

- Name your articles in accordance with the nomenclature set down in the European List of Waste
- Manage the European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR) hazardous goods catalog in your system and print out the relevant information on the disposal documents
- Map National Green Specification (NGS) requirements in full (relevant in Germany only)
- Save country-specific official documents and inspections

Integrate Waste Disposal Partners into Your System

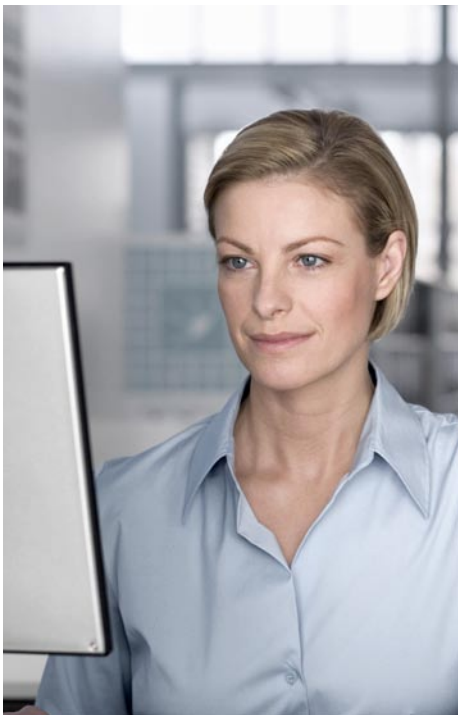
Your waste disposal partners can be quickly integrated with your SAP software. To do this, simply classify each of your business partners as a disposer or transporter, or both, and specify which business partners can be selected for which processes. Append the positive list of approved wastes to each waste disposal facility, and assign the appropriate disposer. Then, define the premises along with the assigned waste generator and container locations, and enter the information required for the disposal process.

Create and Confirm Waste Disposal Orders at the Touch of a Button

Initial plausibility checks take place as soon as order items are created. These checks evaluate the information in the system on the basis of a range of criteria. For example, the following criteria are checked when waste approval permits are used:

- The permit is valid.
- The service frequency data matches the data in the permit.
- The waste quantities posted in the permit exceed the saved concept quantity.
- The permit complies with preset threshold values (such as quantity and time).

As soon as the order items are created, the relevant official documents are generated. These documents are identified as disposal documents or dock receipts, depending on the basic settings or the waste approval permit. After a waste disposal order is completed, the recorded service data can be confirmed in SAP Waste and Recycling.



SAP Legal Requirements for Waste and Recycling provides much-needed support for creating, confirming, and monitoring disposal documents and helps ensure that permits are properly updated.

Track Waste from A to Z

Anyone who wants to disclose and document the route taken by waste, from creation to transport to recovery or disposal, is legally obliged to back everything up with several permits and papers. The waste approval permit is the central element in the disposal of hazardous waste; it is on the permit that the disposal

documents are based. Unfortunately, the handling of these documents very often leads to errors that cost time and money. Another time-consuming factor is the observance and monitoring of deadlines and quantity limits.

SAP Legal Requirements for Waste and Recycling can help. It provides much-needed support for creating, issuing, confirming, and monitoring these documents and helps ensure that the underlying permits are properly updated.

Usability plays a major role. The input screens are based on the layout of official documents, thus helping to avoid errors. You also have the option to define quantities and deadlines, and the deadline monitoring functionality notifies you in good time if a permit is about to expire or if a target capacity has been reached.

Transparent Information

SAP Legal Requirements for Waste and Recycling helps ensure absolute transparency by means of reports that are based on the recorded information. Because transactions and quantities are updated for each waste disposal partner (and permit), you have access to a comprehensive set of figures to use in your reports.

The SAP application also incorporates general and legal requirements, such as the German waste approval permit statistics and waste lifecycle analysis. The waste lifecycle analysis, for example, contains the following information, among other things:

- The generator, current location, and description of the waste
- The quantity transported
- The disposal procedure

All the information is displayed in a list format that you can adapt using the standard functions. Needless to say, you also have the option of copying this information to a text file so that you can further process it using Microsoft Office programs.

A Safer Future with the eANV

On April 1, 2010, a verifiable electronic signature system came into force in the German waste disposal industry. This new procedure applies to all parties in the waste disposal process. All generators, transporters, and disposers of waste are legally obliged to use a verifiable electronic signature to document every stage of the process of disposing hazardous waste and to electronically transmit this information to the authorities. In keeping with this statutory development, SAP Legal Requirements for Waste and Recycling has been extended to include the requirements of the Electronic Waste Disposal Procedure Act (eANV). And because the process now also includes hazardous waste generators and production backlogs, you can enjoy a truly comprehensive solution. A variety of solution providers can be integrated, which enhances the data exchange and verifiable electronic signature processes.

With SAP Legal Requirements for Waste and Recycling, you can minimize administrative overhead and help ensure that your legal obligations are fulfilled, which saves you precious time in daily operations and avoids additional costs.

Find Out More

If you would like to learn more about how SAP Legal Requirements for Waste and Recycling can support your company, contact your SAP representative or visit us online at www.sap.com/solutions/solutionextensions/wasterecycling/index.epx.

QUICK FACTS

www.sap.com/contactsap

Summary

SAP® Legal Requirements for Waste and Recycling by PROLOGA enables you to comply closely with complex statutory regulations. Its integrated material-flow management provides reliable key information that forms the basis of sound management decisions.

Business Challenges

- Comply with the latest statutory requirements while minimizing costs
- Document the waste stream and the disposal process
- Improve process efficiency

Key Features

- **Material-flow tracking** – Use centralized data for efficiently tracking waste streams and recovery methods
- **Statutory compliance and performance** – Base collection, transport, and recovery of waste quantities on preset threshold values
- **Documentation and reports** – Create legally valid documentation based on information on legal requirements (such as the Electronic Waste Disposal Procedure Act, or eANV) that is stored in the software
- **Support for company decisions** – Generate reports on and maps of material flows and services that highlight problem areas

Business Benefits

- **Increased efficiency and lower likelihood of error** thanks to centralized data entry, documentation, and retention
- **Better waste-stream monitoring** due to more efficient material-flow tracking throughout the entire waste disposal and recovery cycle
- **Improved transparency of important company information** thanks to centralized access to all waste and recovery data
- **Enhanced analysis functionalities** with access to real-time data and integrated statistics
- **Close compliance with legal requirements** as the software enables you to store country-specific and international regulations
- **Simplified reporting for both authorities and customers** with the use of automatically generated document templates

Find Out More

If you would like to learn more about how the SAP Legal Requirements for Waste and Recycling application can support your company, contact your SAP representative or visit us online at www.sap.com/solutions/solutionextensions/wasterecycling/index.epx.

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