Danish Environmental Protection Agency (EPA)

IMPORT/EXPORT OF NOTIFIABLE WASTE

cBrain worked with the Danish Environmental Protection Agency (EPA) to streamline the specific inspection processes and workflows for managing the decision-making, monitoring, and control of notifications and shipments in compliance with the Basel Convention in a single digital case management system. This inspection solution is part of the EPA's digitization program, which aims to digitalize more than 200 processes in total.

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THE CHALLENGE

- The Danish EPA, and its Department of Circular Economy and Waste (CØA) needed to create an end-to-end digital solution (based on their existing F2 installation) for managing the decision-making, monitoring, and control of notifications and shipments in compliance with the Basel Convention for the Import/Export of notifiable waste.
- Previously, CØA had been using a Transport Waste Database to keep an overview of notifications, transports, and inspections, which they wanted to replace.
- There was a lack of a clear case volume overview for management, including the cases' deadline, type and progress.
- Long case processing times and a strong desire from companies for improvement of the process, together with a large backlog of cases awaiting processing were major challenges.
- The new solution was intended to improve the lack of visibility on the notifiers' compliance with permitted volumes/volume limits.
- Since this process also involves companies abroad, it was necessary to be able to send part of the data by e-mail and/or fax.

THE SOLUTION

- The solution supports receiving, screening and approving an Annex 1A notification, which acc. to the **Basel Convention** allows the notifier to export notifiable waste across national borders (incl. period, no. of shipments, quantity of waste in tons, sender/shipment responsible).
- Detailed case processing with tasks showing relevant information and providing help texts - in a transparent checklist format.
- Notifications are processed by the relevant authorities in all countries involved (sending, receiving and transit countries) and emails incl. document templates are automatically generated.
- Each shipment is recorded as a single case, incl. date of dispatch, quantity, and date of receipt. Making use of F2 case relations, the notification case shows which shipments have been run, and the remaining number of shipments and quantity per notifier.
- The execution of physical inspections in cooperation with the local police, which stops trucks transporting waste, is also supported.
- Excel reports for all the solution's case types can be generated. Case information is available via searches / columns in F2's main window, using search templates.
- Case volume overview for management via a dashboard.

THE BENEFITS

- Fully integrated digital end-to-end solution for managing the decision-making, monitoring, and control of notifications and shipments in compliance with the Basel Convention during the export and import of notifiable waste.
- Better overview of status (shipments, quantity, missing documents, like e.g. proof of disposal/recovery) and faster, more consistent case processing.
- All data, documentation, and case processing in one system.
- Faster case processing (financial gain for businesses since waste storage is a significant cost to be avoided/reduced.)
- Overall faster case processing saves time and money inside the EPA and for its external stakeholders involved in the process of import/export of notifiable waste.

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