



**PACKING BARRELS WITH AN EXPIRED UN QUALITY MARK**

■ **CASE:**

A number of barrels, of which the UN quality mark had expired, were stored at a partner of Envigroup. Due to the expiration of the UN quality mark, these barrels were not allowed to be transported. The partner had asked multiple companies for a solution to this problem. This led to multiple solutions offered, which varied from repacking the barrels' contents to placing the barrels in bigger, new, barrels. As a solution to this problem, Envigroup have made flexible, custom IBC's with a valid UN quality mark. These IBC's have been used as "over-packaging". In each one of these IBC's multiple barrels have been placed. These IBC's filled with barrels are transported to Fortum Waste Solutions in Denmark.

■ **IMPORTANT CUSTOMER FACTORS:**

- In compliance with the law and legislation
- Safety in the form of correct PMB's and tools
- Trained personnel with the right expertise
- Knowledge of the waste and the way the waste needs to be processed
- Experience in logistics
- Rate
- Processing time

■ **IMPORTANT FACTORS:**

- It was waste polluted with sulphuric acid
- The barrels had been stored for over 5 years  
The exact number of barrels was unknown
- Weight of the barrels varied from 10 to 80 kilograms
- Total number of barrels was approximately 7.000
- Preparation took 6 months
- Implementation took 10 weeks with 4 employees

■ **EXPLANATION PROJECT**

Envigroup accepted the case and carried out this project itself and for their own cost. The barrels have been packed in the "over-packaging", placed on new pallets, labeled and. The transported waste has been processed by Fortum Waste Solutions in Denmark. Envigroup applied for the export waiver and regulated planning..





