



## Optimum sawmill waste disposal

Holzindustrie Torgau (HIT) employs around 700 staff and has four production sites throughout Germany where it produces pallets, briquettes, pressed logs and sawn wood. Vecoplan developed and implemented the ideal solution for sawmill waste disposal and subsequent material handling for this large wood processing company.



# Integrated sawmill disposal

HIT needed two new saw lines with a total cutting capacity of more than one million solid cubic metres a year that could be integrated into its pre-existing sawmill waste disposal system. A disposal and reprocessing line were to be added to the pre-existing lines.

This meant the pre-existing sawmill waste disposal system also needed converting. The conveying, interim storage and provision of the entire wood chip and sawdust yield were to be performed by Vecoplan machines in the downstream processes.

## Project framework Vecoplan

Vecoplan supplied the complete machine technology: the sawmill waste disposal, the chipping plants and the conveying and storage technology. Vecoplan designed, planned and implemented the complete process. The mechanical and electrical installation as well as the commissioning were all carried out by Vecoplan.





# Problem

Vecoplan needed to integrate the pre-existing installations into the overall system. Necessary conversion work needed to be planned with precision to bring the residual saw wood from all saw lines together.

## Challenges

- The continuous system expansions meant Vecoplan had to face ever changing challenges
- The process included the conversion of the existing machines and was therefore highly demanding in terms of ensuring a comprehensive, integrated and complete solution

## Project process

HIT ordered the first sawmill waste disposal system in 2011. Since then numerous expansions and conversions have been made.

- In 2012 HIT acquired the conveying and storage technology for the new briquette production
- In 2014 it acquired the conveying technology for the new log production facility and saw the conversion of one sawmill waste disposal system
- In 2015 the new disposal system for the band-saw line was added



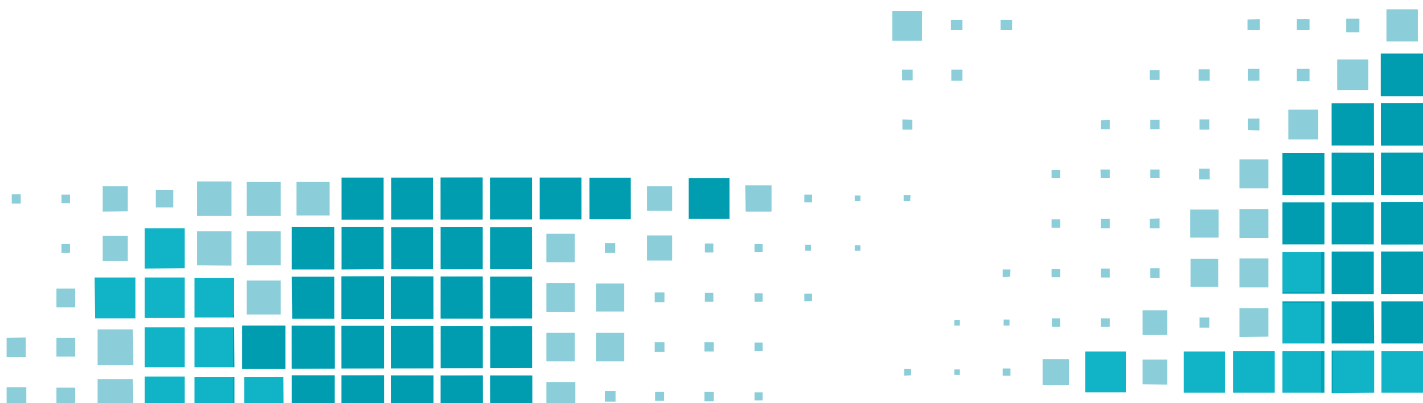
# Customers benefit

HIT relied on Vecoplan for the complete machine technology, who provided the planning, design and implementation from a single source. System components from the conveying, storage, dosing, bunker and shredding technology supplied from Vecoplan – so there was just one single contact partner for all system requirements.



## Customer comments

Holzindustrie Torgau had just one single contact for dealing with all conveying technology, material handling and material reprocessing requirements. Vecoplan supplied a complete solution for HIT. The customer benefited from good customer service and competent advice.





# Vecoplan machines used



- Drag Chain Conveyor
  - Belt Conveyors
  - Vibrating Conveyors
  - Screw Conveyors
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- Loading and Unloading Conveyor
  - Drum Chipper
  - Hammer Mill
  - Screening Machines

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