

# Castlebar upgrade wastewater treatment with Grundfos pumps

**CASTLEBAR, IRELAND:** Castlebar is located in Mayo County in the western part of Ireland. The town is the administrative seat for the county and is a buzzing centre for business in the region. At the present, there are approximately 50 manufacturing industries in the county, which is reckoned to be one of the fastest growing industrial areas in Ireland.

Both new inhabitants and industries are attracted to Castlebar because of its well-functioning infrastructure and its clean environment. Accordingly, the recent upgrade of pumping systems at the Castlebar wastewater treatment plant plays a major role in ensuring a clean environment for the people of Castlebar.

## The Situation

The people of Castlebar take pride in their high-quality water supply, which is why Grundfos was chosen as pump supplier, when the Castlebar wastewater infrastructure needed upgrading. Grundfos was chosen as pump supplier because the company met the strict specifications and delivery criteria better than its competitors. The project has been carried out by Dublin-based Earthtech Ireland Limited.

## The Grundfos Solution

The upgrading required explosion-proof, dry-well pumps, which is why Grundfos 65 kW pumps with Stainless Steel impellers were implemented in the pumping station. A lot of heavy industrial waste is poured into the main pump station and therefore the pumps required special corrosive-resistant material for the impeller.

## The Outcome

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**LOCATION:**

Ireland

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**COMPANY:**

CASTLEBAR

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The project was carried out successfully, and the customer has been very pleased with the result. Before the implementation of the project, representatives of Earthtech Ireland visited the Grundfos plant in Helsinki, Finland, to supervise the testing of the three pumps. Both the facilities and the professionalism of the Grundfos personnel in Helsinki left a very positive impression and convinced the client that choosing Grundfos as their pump supplier was the right decision.

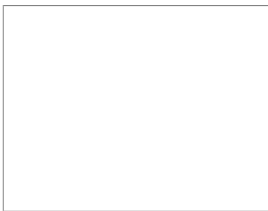
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## Related Products



### SE AND SL 9-30 KW WASTEWATER PUMPS - HEAVY DUTY

The SE and SL ranges of wastewater pumps provide the highest total efficiency on the market. Innovative technologies from Grundfos bring together intelligence, motors, hydraulics and functionality to meet the challenges of modern wastewater, maximising the hydraulic, electrical and mechanical efficiency of your pumps.



### S PUMP - SUPER VORTEX SINGLE OR MULTI CHANNEL IMPELLER

Pumping of raw water, unscreened raw sewage, water containing sludge, industrial effluent