“Subsidy Program”means the subsidy program of the European Union named Modernisation Fund – programme ENERG ETS. Specifically, it is a subsidy project named “ALFAGEN – Modernization of melting and casting technologies” (in Czech: “ALFAGEN – Modernizace technologie tavení a lití”), reg. No. 722 2200 001.

The key goal of the subsidy project is to maximize the energy and emission savings of the Contracting Authority's production and support processes. Reducing the energy intensity of processes is a long-term goal of the company not only with regard to economic factors, but especially to the approach to environmental policy (reduction of the carbon footprint, emissions of harmful substances and dust, etc.) and the locality in which the production process is operated. With its scope, the subsidy project thus very effectively fulfils the company's strategic intentions leading to carbon neutrality.

Subsidy project objective is the replacement of all existing melting and casting technology equipment. These are both melting and casting furnaces with casting into ingots, as well as continuous casting technology.

The objective is the implementation of modern technologies that will be less energy-intensive, will lead to the reduction of technological waste and will be equipped with modern control elements, which will achieve a higher degree of automation.

New technologies consist of melting of solid aluminium in smelting furnaces with less energy consumption, especially by reducing gas consumption in the melting process, by implementing regeneration burner technology, which at the same time leads to a significant reduction in the emission burden on the environment.

Part of the subsidy project is the construction of new buildings on the company premises, the acquisition of new technological units and the realization of directly related induced investments.

When installing new technological units in parts of individual production lines, energy savings will occur in many places. The reason is the cancellation of old, energy-intensive machines from the 1970s, the purchase of new, more energy-efficient machines and their installation in a newly built hall with lower energy loss.

Relevant links are attached below (but this is not a complete list):

<https://www.sfzp.cz/dokumenty/detail/?id=2454>

<https://www.sfzp.cz/dotace-a-pujcky/modernizacni-fond/vyzvy/detail-vyzvy/?id=21>

<https://www.sfzp.cz/dokumenty/detail/?id=2977>

<https://modernisationfund.eu/wp-content/uploads/2024/06/MF-2024-1-CZ-0-010-ALFAGEN-%E2%80%93-Modernisation-of-the-melting-and-casting-technology.pdf>