

OUTOKUMPU STAINLESS STEEL USED TO BUILD A CUTTING-EDGE SPILLWAY CONTROL SYSTEM

Hydroplus has used Outokumpu's lean duplex LDX 2101® stainless steel in the upgrade of the La Para dam in Adelaide, Australia with Fusegates®, the company's proprietary technology to increase reservoir storage capacity with the help of a non-mechanical structure that sits atop the spillway of a dam.

The La Para Fusegates® are a unique spillway control system, representing the most technically advanced and structurally efficient technology in the world. The key to the innovation is an all stainless steel structure – the first in the world – and use of Outokumpu's lean duplex LDX 2101® stainless steel.

The new system has been designed to meet demanding requirements. The customer, SA Water, targets 100-year design life and virtually no maintenance. In addition, Hydroplus has sought to reduce construction time on site and to deliver a carbon neutral project.

The benefits from using duplex LDX 2101® are close to double the yield strength compared to the austenitic grade and a significant cost advantage.

Bill Hakin, Hydroplus's Regional Director in Australia, says, "The use of LDX 2101® duplex stainless steel in a structurally efficient design has been a smart solution which has reduced risk, time on site and overhead costs compared to the more traditional approach."

Hydroplus is the pioneer of Fusegates® and the sole producer of the technology in the world. Since inventing the technology in 1989, the company has installed more than 50 Hydroplus Fusegate® Systems around the world.

Outokumpu is a leading stainless steel supplier and the world's foremost producer of duplex stainless steel. Outokumpu has pioneered a large number of applications using duplex stainless steel that help Outokumpu customers to develop increasingly competitive products and technologies.

For more information, please contact:

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Outokumpu is a global leader in stainless steel with the vision to be the undisputed number one. Customers in a wide range of industries use our stainless steel and services worldwide. Being fully recyclable, maintenance-free, as well as very strong and durable material, stainless steel is one of the key building blocks for sustainable future. Outokumpu employs some 7 500 people in more than 30 countries. The Group's head office is located in Espoo, Finland. Outokumpu is listed on the NASDAQ OMX Helsinki. www.outokumpu.com