



COMPETITIVE AND SUSTAINABLE GROWTH



## SmartWeld – Symposium

### Welding creep resisting steels without PWHT

**Venue:** Hotel Kokra, Brdo pri Kranju (near Ljubljana), Slovenia

**Date:** 10th & 11th June 2004

#### Introduction

SmartWeld is an EU funded Fifth Framework, Competitive and Sustainable Growth project, which started in March 2001 and is contracted to continue until September 2004. The primary objective is to develop weld metals and welding procedures which allow the repair and upgrading of power plant without the need for post weld heat treatment (PWHT).

Much of Europe has a legacy of ageing and inefficient fossil fuelled power plants, which will require major repairs and component replacement over the next decade. PWHT – until now a costly necessity – is a requirement of current codes and standards when welding low alloy creep resisting steels which are an integral part of power plants. If consumables and procedures can be developed which eliminate the need for PWHT, the resulting cost and time savings will have significant benefits in productivity and efficiency.

#### Seminar objectives

- To present the work and results of the SmartWeld project.
- To review and discuss the practical implications of the results.
- To consider the possible need to modify codes and standards.

#### Who should attend?

Power plant operators.

Contractors involved in the building and repair of power plants.

Manufacturers of power plant equipment and components.

Those involved in codes and standards relating to power plant.

#### More information from:

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