

— VOLUME REPAIRS

Robotic Repair at Scale

Less replacement, more uptime, stronger HSE.



Stop replacing. Start restoring.
Less downtime. Lower exposure. Major gains.

01

What It Is

High-volume integrity repairs

Effee's robotic welding enables large-scale, high-volume repair programs not feasible safely or cost-efficiently with conventional manual methods. It addresses widespread degradation, corrosion, or fatigue damage across many components - delivering permanent, repeatable robotic restoration instead of full replacement.

02

Key Benefits

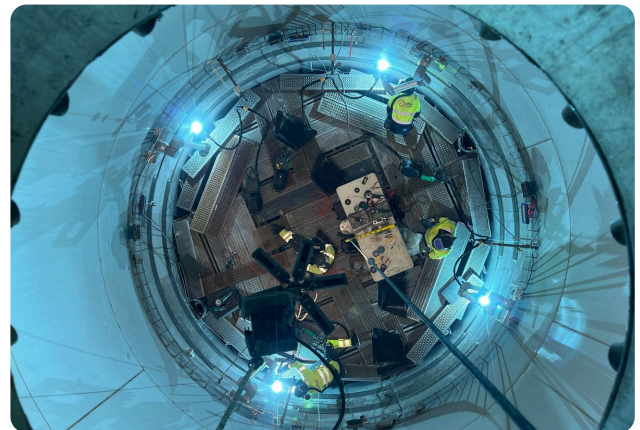
- Large-scale repair where manual welding isn't feasible
- Permanent restoration instead of full replacement
- Scalable, predictable maintenance campaigns
- Schedule certainty, lower cost, stronger HSE

03

Customer Value Delivered

Robotic execution avoided 15 extra shutdown days per tank, protecting approximately USD 3 million in production per tank. By repairing instead of replacing, per-tank repair cost fell from an estimated USD 11 million to USD 1 million - a ~90% reduction.

Across nine tanks, protected production alone totals up to USD 27 million, separate from the per-tank repair-cost savings. The result: protected uptime, lower CAPEX, extended asset life, and improved HSE by moving critical repair work away from confined, high-risk manual execution.



Reduced POB

Lower HSE exposure

Remote operation

Digital traceability

Protects uptime

Extends asset life

