

# Preparing Gas Pipeline Weld Seams on Po River

## Project 705

- Major river, spanning east to west Italy
- Sensitive residential environment; cultivated fields and populated villages
- New pipeline development
- Weld seam preparation



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## Project Details:

- 35cm(14in) diameter pipe welded every 10m(33ft)
- River-crossing sections 2km(1.25miles)
- Total project 18km(11miles)

## Specifications:

- Metal cleaned, then profiled to 50microns(2mils)
- SA2.5 / NACE 2 / SP-10
- To “White Blast Cleaning”





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## Chose Sponge-Jet based on:

- Conventional abrasive - hard to contain; potential water contamination
- Sponge Media is easily contained, collected and reused without leaving dust or pollutants in the pipe or air
- Used 200HP and 35-P Recycler
- Silver 80 Sponge-Media™





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## Outcome:

- Sponge Media blasting allowed the pipeline to be built adjacent to a residential bridge, reducing the planned pipe length from 38km (23miles) to 18km (11miles) - saving 20km (12.5miles) of pipeline
- **No contamination** to the river or surrounding villages
- **Reduced staging and transport costs:** Sponge Media was reused on site, so that Sponge Media, blasting/recycling equipment, welding equipment, crane, generator and compressor were all on one vehicle