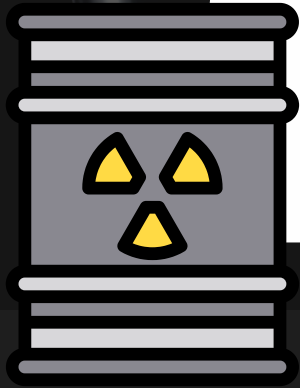


# Redefining Surface Processing



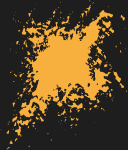
During the process of taking cast components from the furnace to finish, **tens of thousands of tons of toxic chemical waste** are produced from high value manufacturing each year.



**TextureJet**<sup>LD</sup>

Our STAT technology has the potential to remove this waste stream in its entirety.

## PROBLEMS WITH LEGACY METHODS



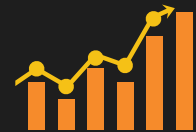
### DIRTY

Media blasting produces contaminated powder waste that needs costly and hazardous disposal



### DANGEROUS

Acid-based chemical etching uses hydrochloric acid whilst contaminated powder from media blasting can create respiratory problems



### UNSUSTAINABLE

Non-value added process steps, leading to enlarged factory footprint, high operating and infrastructure costs

## BENEFITS OF STAT TECHNOLOGY



### Reduces your toxic footprint

STAT uses only pH neutral solutions; no acids, no dust or fume contamination



### Roughen, polish, etch & structure

STAT is flexible to meet all of your surface texturing needs



### Reduction in factory footprint

Flexibility to be carried out in-situ, STAT can significantly reduce unnecessary process steps and your factory footprint



### Flexible application

Can be delivered by robot arm, a handheld device or simple desktop machine



### No masking requirement

No masking means no compromise in time and cost when processing your components



### No surface damage

STAT induces no surface damage

Supported by the Sustainable Innovation Fund