



# Fluid Analysis

Product & Process Innovation

Committed to working in partnership  
with our customers to deliver innovative  
solutions and tangible benefits....

[www.fluidanalysis.ie](http://www.fluidanalysis.ie)

## Who We Are...

**FluidAnalysis is an engineering services company specialising in the application of Computational Fluid Dynamics and Engineering Analysis to enable our customers to:**

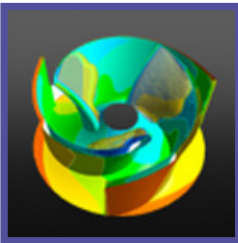
- Develop superior products with greater productivity
- Improve process quality and efficiency while reducing cost



## Our Expertise...

With twelve years of experience working on a variety of projects from basic research through product development to final application, we have developed expertise in many different industries including:

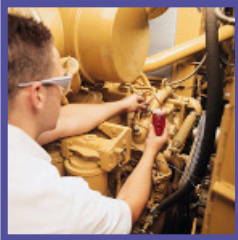
- Pumps, Valves, Oil/Gas and Process Equipment
- Pharmaceutical / Chemical
- Water / Wastewater



## What We Do...

We can conduct once-off projects or alternatively we can supply our expertise for companies wishing to outsource their fluid flow analysis needs in the following areas:

- Feasibility / Concept Evaluation
- Product Design
- Process / Equipment Design
- Optimisation
- Troubleshooting



## Benefits To You...

Using the power of Computational Fluid Dynamics we can provide you with extremely detailed information regarding your product, process or system:

- Performance characteristics: hydraulic efficiency, torque, forces
- Fluid velocities, pressure distribution, temperatures, flow rates
- Flow visualisation, residence times, dead zones
- Flow phenomena: vortices, recirculation, shockwaves, cavitation /flashing
- Particle tracking, erosion, settling and separation, mixing
- Multi-Phase flow, chemical reactions, momentum heat and mass transfer



## Our Commitment...

We are committed to working in partnership with you to deliver innovative solutions and tangible benefits.

**For further information, or to speak to us about your fluid flow analysis needs, please contact us on +353 66 718 06 84 or email [info@fluidanalysis.ie](mailto:info@fluidanalysis.ie)**