

The logo for CTQ features the letters 'C', 'T', and 'Q' in a bold, sans-serif font. The 'C' and 'T' are black, while the 'Q' is a vibrant red. A small red dot is positioned between the 'C' and 'T', and a white-to-black gradient bar is located below the 'i' in 'CTQ'.

# Centre d'innovació Tecnologia uímica

The innovation center **CTQ** was founded in 2000 at the Universitat Rovira i Virgili to develop and apply custom made new technologies and innovative applications in the fields of process engineering, green engineering and chemistry, transport phenomena, computational sciences and artificial intelligence

# Objectives of CTQ

- To conceive, design, improve and implement environmentally friendly production technologies
- To design new products and evaluate new applications
- To conceive and test new technologies at the laboratory scale
- To develop software and know-how for intelligent modeling, control, prediction and optimization of production and logistic processes

# Services and products

- Process Control & Optimization
- Soft Sensors & Process Diagnostic Tools
- Feature Extraction & Data Mining
- Nanoparticles & Micro-Fluids
- CFD & Heat/Mass Transfer Calculations
- Wind & Boundary Layer Phenomena
- Green Engineering / Chemistry
- Life Cycle Assessment
- Eco design & Industrial Ecology
- Environmental Risk Assessment



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