

Advice, Research and Expertise

## Technical studies

*IFTS is specialists in techniques of separation to clarify liquids or dehydrate solids by:*  
*Settling*  
*Flottation*  
*Hydro-cycloning*  
*Centrifugation*  
*Filtration*  
*Microfiltration*  
*Ultrafiltration*

*TO ALL INDUSTRIAL SECTORS :*  
*Chemical*  
*Agri-food*  
*Automotive*  
*Paper*  
*Mechanical*  
*Pharmaceutical...*

### A PRAGMATIC AND RIGOROUS APPROACH TO DEFINE OR IMPROVE SOLID-LIQUID SEPARATION PROCESSES FOR BOTH INDUSTRIAL AND ENVIRONMENTAL APPLICATIONS

#### IFTS IDENTIFIES NEEDS

- w Defines specifications with clients: objectives, quantitative and qualitative, operating constraints...
- w Characterization of suspensions to treat: particle size analysis, concentration, filterability, compressibility...



#### IFTS COMPARES SOLUTIONS

- w Evaluation of alternative filter media (fabrics, pre-coating layers, granular beds...)
- w Comparative study of Separative Techniques adapted to specifications and products to treat
- w On site piloting of the selected technology

#### IN THE SAME SPIRIT OF INDEPENDENCE AND RIGOUR, IFTS ALSO ASSURES

- w Technical advice after auditing a unit in service
- w Malfunction diagnostic
- w The latest in scientific and technological advances
- w Training of operators, supervisors and executives in separative techniques and their applications to the site concerned

#### IFTS SELECTS, SIZES, AND OPTIMIZES THE TECHNOLOGY

- w Researches new filtration media
- w Modifies and/or automates operating cycles (filtration, cake removal, cleaning...)
- w Improves physico-chemical conditioning

