

Centro Tecnológico Nacional de la Conserva y Alimentación





# **ENVIRONMENT**

# WASTE AND BY-PRODUCTS

### Waste Recovery and by-products.

- · Sample collection and waste categorization: physicochemical analysis, nutritional analysis, contamination analysis, microbiological analysis. Interpretation of results.
- Studies on different ways of organic waste recovery in the agri-food Industry.
  Studies on the potential of biomethanisation, co-digestion, optimization of mixtures.
- Agri-food Waste Recovery. Application of conventional composting techniques and directed composting. Collecting data about the effects on soil and plants.
- · Recovery of interesting compost through organic by-products.

# **WATER**

## **Drinking Water**

· Sampling in order to analyse water according to standards set by RD 140/2003. Water Treatment. Technical Consultancy.

#### **Waste waters**

- · Water treatment, purification of water, sampling and characterization of waste waters. Physicochemical analysis, analysis of pollutants and microbiological analysis. Results interpretation and conclusions.
- Sanitation fee. Studies to calculate the rate of sanitation fee.
  Application of low cost treatments for waste water purification.
- · Research work on the usage of purified water.

# **ENVIRONMENTAL RULES AND REGULATIONS**

- · Environmental rules and regulations Consultants: authorizations, wastewater, atmosphere, sludge, sanitation fee, etc.

  Annual Environmental Reports: packaging, dumping.
- Auditing and Environmental Diagnosis

# **R&D** and Innovation

R&D and Innovation Project planning on topics related to waste recovery, water purification and treatment, or specific topics connected to Environmental areas of the Agri-food sector. Identifying Business Opportunities based on your company's strategy as well as developing and assessing proposals.

Management of incentives and grants for R&D and innovation projects (LIFE, Interreg, CDTI, Plan Avanza, Innpacto,...) and investment projects (Reindus)

