



Public health

Quality and efficiency at the service of public welfare



GrupoTragsa

Partners in excellence

Tragsatec is a consultancy specialising in the development and implementation of systems for the control and surveillance of health determinants such as physical, chemical, environmental, biological and psychological risks, with a view to promoting health and monitoring health indicators.

specialist
CONSULTANCY
we PROMOTE health
development IMPLEMENTATION
control
surveillance systems



Our main values

- | We guarantee the highest quality in all of our work.
- | We have multidisciplinary teams of specialised personnel, including veterinarians, doctors, pharmacists, physiotherapists, lawyers, biologists, chemists, biochemists, food experts, physicists, laboratory analysts, environmental science experts and economists.
- | We use tested management systems in different areas of the public administration.

Products and services

Processing, registration and traceability of chemical substances and products that pose health risks

1. Registration of phytosanitary products, biocides and chemicals. Scientific and technical evaluation of the health risk posed by chemicals of different types, determining their classification, labelling, packaging and other requirements prior to registration and licensing.
2. Registration and control of medicines.
3. Registration and control of sanitary products.

Key projects

| Assessment of the risk to human health of phytosanitary products.

Scientific and technical evaluation of the toxicity of phytosanitary products, determining risk parameters, classification, labelling and packaging according to European legislation. In addition, drafting or assessment of classification and labelling proposals for active plant protection substances by the ECHA (European Chemicals Agency) and the EFSA (European Food Safety Authority).

| Evaluation, authorisation and restriction of chemical substances and preparations in accordance with the REACH regulation.

Evaluation of the health risks of chemical substances, as well as toxicological evaluation of chemical preparations and substances declared highly dangerous.

| Review of applications for licenses to manufacture made to measure sanitary products.

Support in the process of authorising licenses for dental prostheses and manufacturers of orthopedic products; review of documentation, technical evaluation, verification of quality criteria and plant visits.

REGISTRATION
phytosanitary
products
biocides
CHEMICAL substances
medicines
SANITARY products



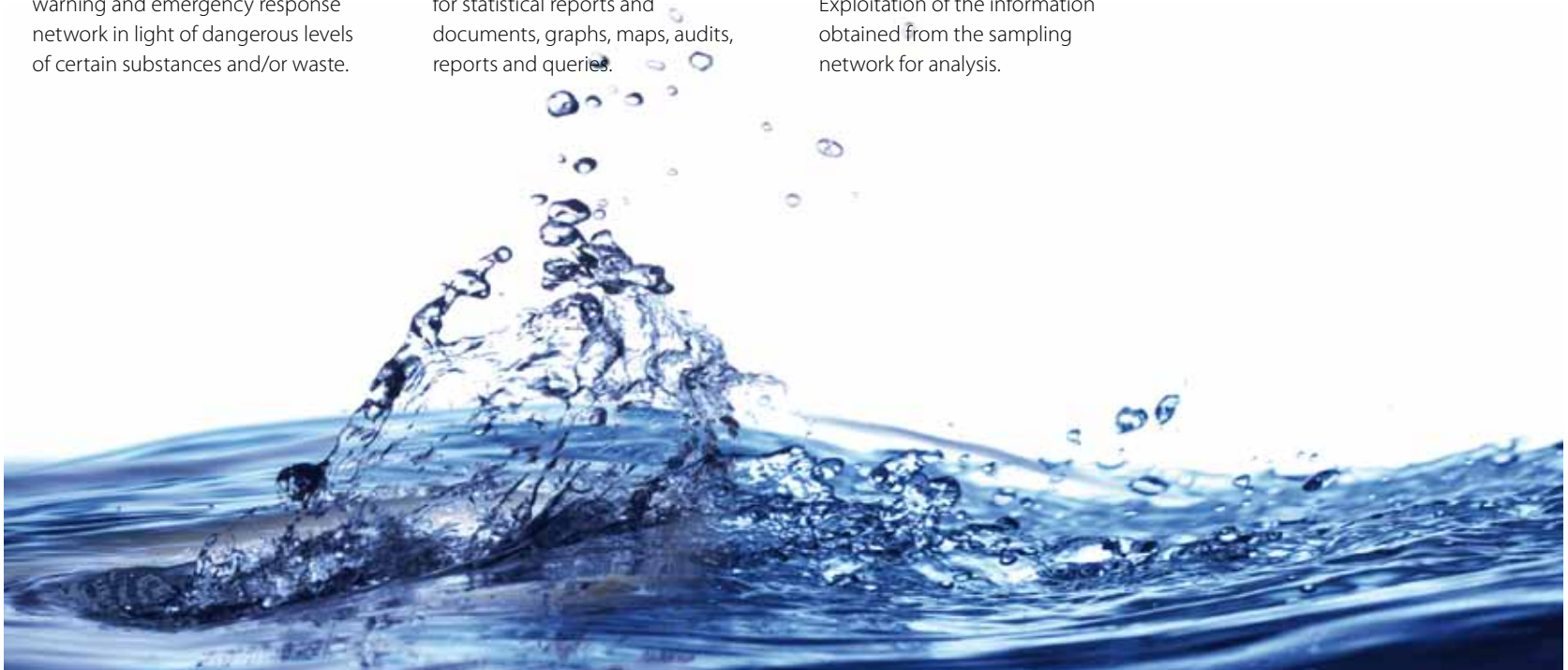
Administration and exploitation of information on the sanitary quality of drinking and bathing water

1. Collection and analysis of the results of samples taken at drinking water collection points with a view to ensuring sanitary quality and, where necessary, deploying an early warning and emergency response network in light of dangerous levels of certain substances and/or waste.
2. Management of information systems, answering user or consumer inquiries.
3. Drafting the necessary information for statistical reports and documents, graphs, maps, audits, reports and queries.

Key projects

| Control of the sanitary quality of water. Management of information for users of water consumption control systems. Exploitation of the information obtained from the sampling network for analysis.

Implementation of health alert network in the event of high-risk values and provision of support to work groups, experts and technical committees.



Health protection against risks arising from physical and environmental factors

1. Study of interrelationships between health and environmental factors (extreme temperatures, noise, electromagnetic fields, ionizing radiation, air pollution, climate change).
2. Drafting scientific and technical reports.
3. Maintenance of the content and design of web platforms.
4. Economic evaluations in cost / health benefits analysis.
5. Coordination and support to groups of experts.

Key projects

| Scientific and technical work in the field of environmental risks. Collection, analysis, selection and specialised information on extreme temperatures, noise, electromagnetic fields, ionising radiation, air pollution, climate change... Support for the drawing up of procedures and regulations,

as well as the design of a system of indicators relating health and environmental factors. Systematic prospecting, analysis and dissemination of information relating to the effects of climate change on health, and actions for adaptation thereto. Finally, drafting of economic evaluations on health interventions due to environmental factors.

study

HEALTH ENVIRONMENTAL factors
SCIENTIFIC AND TECHNICAL reports

economic
EVALUATIONS

coordination SUPPORT



Healthcare

1. Actions relating to the provision of health services and pharmaceuticals. Citizen information centres, catalogues of health care provision, funding criteria and orthoprosthesis products registering systems.
2. Design and implementation of methodologies for the collection and analysis of health data with a view to establishing measures to guarantee the sustainability of the current health care delivery system.
3. Work on the National Health Service Portfolio to determine the health benefits and medicines to be included.

Key projects

| Management of activities to guarantee cross-border healthcare.

Support for access to information on cross-border healthcare via participation in National Contact Points. Reimbursement of the costs deriving from cross-border healthcare is guaranteed.

| Support activities for the reception of communications on orthoprosthesis products to the National Health System (SIRPO).

Exploitation, management and validation of the information contained in the computerised system for the reception of communications on orthoprosthesis products to the National Health System (SIRPO). Technical assessment to companies and individuals involved in the functioning of the SIRPO system. Technical support in the creation of the common catalogue of additional orthoprosthesis provision and setting of maximum funding limits. Implementation and maintenance of the National Health System's orthoprosthesis product supply.



Health protection in sport



1. Analysis of the biological samples of athletes to ascertain the presence of doping substances.
2. Review, analysis and drafting of doping control procedures.
3. Development, implementation and overall maintenance of the computer systems that manage the doping control.
4. Monitoring and medical, physiological and psychological control of high-performance athletes.

Key projects

| **Review of the internal procedures of the AEPSAD (Spanish Agency for Health Protection in Sport) and development of a computer application for the control of doping.** Design of the standard operating procedures for each of the AEPSAD's departments. Evaluation of the initial situation; analysis and implementation of suggested improvements. Development of a computer application for the control of doping.

| **Provision of support to the doping control laboratory in the reception, sample preparation and analysis of the biological material.** Obtaining, registering, classifying and distributing samples. Preparation and distribution of laboratory quality controls. Registration in the laboratory information management system, LIMS, to guarantee the traceability of all steps taken.



Food security

1. Food analysis and management of food alerts.
2. Development, implementation and maintenance of the LIMS (Laboratory Information Management System) and quality management systems (ISO 17025 standard) in Food Laboratories.
3. Development of food chain control plans and audits of official control systems.
4. Drawing up strategies to prevent obesity, boost physical activity and improve nutrition.
5. Food export authorisation audits.

Key projects

| **Activities in the field of food security.** Collaboration with the General Health Registry of Food Businesses and Foods. Official control of the food chain. Participation in the Observatory of nutrition and study of obesity. Assessment in the NAOS nutrition, physical activity and obesity prevention strategy (2013-2017). Studies on the sanitary quality of foods of animal origin and analysis of marine biotoxins.

| **Audits of the control systems of the Spanish autonomous communities as well as of food exporters to third countries.** Performing audits on the basis of EC Regulation No. 882/2004 and audits of food exporters to third countries.

Environmental health

1. Integrated programme for controlling vectors in urban spaces.
2. Control of animal populations in urban areas, design and maintenance of animal shelters.
3. Programme for controlling and preventing Legionella in risk facilities.
4. Programmes and training for the control of drinking water.
5. Situational diagnoses and evaluation of environmental health hazards.

Key projects

| **Disinfecting, disinsecting and rodent control (DDD), drinking water quality and Legionella control services.** Disinfection, disinsectation and rodent control. Environmental health programmes (DDD). Monitoring problem and risk areas. Legionella control via cleaning and disinfection, and subsequent sampling in cooling towers and ornamental fountains. Control of water consumption and sources in parks and gardens.



control VECTORS
ANIMAL populations
legionella
DRINKING water
ENVIRONMENTAL RISKS



Promotion and protection of public health

1. Implementation of equity criteria in health, through the analysis of social determinants.
2. Design, development, coordination and implementation of the Strategy for Health Promotion and Prevention in the National Health System, as well as in EU and WHO programmes.
3. Participation in the development of the implementing legislation in the area of sale, supply, consumption and advertising of tobacco products, and its subsequent updating in line with European guidelines.
4. Cooperation in the drawing up of the single vaccination calendar and the single procurement platform for the acquisition of vaccines.

Key projects

| **Observatory for smoking prevention, health promotion and prevention strategy, vaccination programmes and health alerts and emergencies (CCAES).** Preparation of methodological guides for the Integration of equity in health strategies, programmes and activities; coordination and support to the Observatory's infrastructure on the prevention and control of smoking; assessment of the impact of the implementation of Law 42/2010 on health measures against smoking; analysis and study of the technical specifications of different vaccines sold by the leading pharmaceutical companies, coordination of the National Early Warning and Rapid Response System (SIAPR) and drawing up and updating of the agreed Preparation and Response Plans against risks of a biological origin.

We are experts

1. Creation and coordination of multidisciplinary teams of specialised personnel.
2. Work in alert situations and health emergencies, coordination of actions, setting up protocols and implementing alert systems.
3. Design and implementation of data collection systems with a view to increasing surveillance capacity against health threats following data analysis.
4. Design and implementation of traceability systems.
5. Scientific and technical work with phytosanitary products, biocides and chemical substances.
6. Collaboration in the operation of the basic portfolio of services of the National Health System.



A few references

1. **Scientific and technical evaluation of the health risk posed by phytosanitary products and biocides.** Demonstration of management of multidisciplinary teams that review and authorise the use of substances that can be harmful to health, determining their application, packaging, conservation measures and risks of exposure.
2. **Control of the sanitary quality of water.** Setting up data acquisition systems at the distribution points of water for human consumption. Establishing checkpoints and creating a health alert network.
3. **Promotion and protection of public health.** Implementation of activities in the sphere of the Observatory for the Prevention of Smoking, the Health Promotion and Prevention Strategy, the Vaccination Programmes and Health Emergencies and Alerts.

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