

# Industry and the environment



*Appropriate management of environmental impacts caused by industrial activity ensures the concerned company's long-term stability both in terms of the savings that can be generated and the development of a socially responsible image.*

GINGER Environnement & Infrastructures offers customers all services they need to anticipate regulatory constraints, resulting in environmental management becoming a sustainable development asset.



## KNOW-HOW

With their long-standing experience, the multi-disciplinary teams of GINGER Environnement & Infrastructures have a global vision of the environmental challenges faced by industrial and service sector enterprises.

Their capabilities lie in the:

- Evaluation and implementation of legal and regulatory requirements,
- Research for technological improvements with a view to reducing impacts and risks at source.

Within its teams, GINGER Environnement & Infrastructures has specialists in the fields of water, soil, air, noise and industrial risks as well as experts specialised in regulations. These professionals contribute to the performance of the proposed services.

## OUR MISSIONS

### • Permits for installations classified for environmental protection

- Impact assessment: Initial state, evaluation of effects of the activity on the environment, recommendation of compensatory measures,
- Danger assessment: major accident scenarios, risk assessment (AMDEC, preliminary risk analysis, HAZOP, fault trees), modelling of consequences, critical level of residual accident scenarios, recommendation of compensation measures and means of intervention,
- Assessment of health and safety risks, using the methodology defined by INERIS and INVS,
- Mathematical modelling of accident risks (leaks, air dispersion, heat flow rate, UVCE, torch fire, etc.),
- Specific studies: acoustic studies, odour analysis, lightning study,
- Drafting of emergency procedures.

### • Regulatory diagnostics

- Identification of legal and regulatory requirements,
- Detailed on-site evaluation of compliance to applicable regulatory requirements,
- Pollution assessments: analysis of atmospheric discharges, discharges into groundwater and surface water, "24 hour assessments" of effluents and was-

tewater discharges, monitoring of the groundwater quality, measurement of noise nuisances,

- Summary reports including prioritised remedial actions.

### • Audit missions

- Audit of authorisation requirements for industrial permitting within the scope of transactions - sales,
- Technical and statutory audit of sites within the scope of a transaction - sale (logistical warehouses, industry, quarries), due diligence auditing.

### • Tailored made regulations monitoring

- Monitoring of environment and safety regulations combining several sources of professional information,
- For each client, selection of specific changes to regulations and drafting of a monitoring report summarising the changes.



- **Environmental management (ISO 14001, SMEA, PEE, etc.)**

- Initial state evaluation: environmental analysis, safety analysis,
- Support in the construction and implementation of your system,
- EMS audit (internal),
- Staff information, management training, and training of internal auditors.

- **Eco-design / Environmental assurance plan**

Support in the specific procedures adapted to a product (eco-design) or a service (environmental insurance plan for the management of a construction site).

- **Tailor-made environmental training**

- **Technology consulting for reduction of impacts and risks at source**

Research into clean technologies and best available technologies, effluent treatment (water and air), reduction of acoustic nuisances and waste studies:

- Characterisation of the problem,
- Recommendation of technical solutions,
- Technical and economic analysis,
- Project management.

- **Polluted soil diagnostics**

Soil and groundwater pollution assessment, site diagnosis, interpretation of environmental condition (IEM method), analysis of residual risks.

Support and consulting may be followed by complete project management assignments covering pollution removal or confinement works.



## REFERENCES

**Classified installations for environmental protection in a range of industrial activities:** **Pharmaceutical industry:** Alcom - **Food industry:** Eurovita, Sud Ouest Légumes, Villeneuve Pet Food, Hennessy, L et L - **Wood industry, Paints and varnishes:** CGSM, SST/SSC - **Mechanical industry, surface treatment:** VMC Pêche, Amet, Dalitub - **Foundry:** Manzoni Bouchot, Fonderie Thevenin (S3i group) - **Electronics:** FCI - **Industrial laundry:** UNAP - **Logistics:** Vecatel - Stock farming - **Quarries, ready-mix concrete plant, coated material plant:** Bonnefoy, Liants de Gascogne, Lafarge, Malet, Eurovia, Guintoli, etc - **Printing:** Rotogaronne, le Midi Libre - **Waste disposal:** a large number of waste burial, incineration, transfers, valorisation sorting references.

**Regulatory diagnostics and monitoring:** Imprimerie Fuji Buriot - Food industry, Eurodough - Plastification, Carpenter, Sofanou, Christian Dalloz - Mechanical and surface treatment industry, VMC Pêche - Textile industry, Texmaille Wood industry - CBS - Chambre Syndicale des Marchands de bois et scieries de l'Isère.

**Environmental management, eco-design, Environmental Assurance Plan:** Croustipâte (Sara Lee group), Fromagerie Bongrain Gérard - Alcon, FCI, Manzoni Bouchot, DCM Précisions, KD Valves - Running of ISO 14001 work groups with the Jura Chamber of Commerce and Industry and with Plasturgie Franche-Comté - Campenon Bernard.

**Training:** Faurecia, CNPE, Smoby.

**Impact reduction technology consultancy:** **Water:** Dagard, Sofragraf, Sipal (Comotec group), Amet, VMC Pêche, UNAP - **Air:** scierie Detroye - **Waste:** CTAA, Sometal, CTS.

**Audit assignments :** GECINA, SEGRO, Panhard Développement, La Mondiale.



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