Mastering water management, protecting the environment
The BRL Group, was originally founded in 1955 to promote economic development in Languedoc-Roussillon in the South of France by designing, building and managing large-scale water infrastructure: canals, dams, large irrigation schemes, drinking water treatment plants, and distribution networks, that helped in developing large tourism resorts in previously uninhabited coast.

50 years experience in France and abroad

Today the BRL Group is composed of:

- a holding company with shareholders from both the public (local Governments) and private sectors, the basis for the group’s regional development activities, and
- private subsidiary companies: **BRL Ingénierie**, **BRL Exploitation** and **BRL Espaces Naturels**.

**BRL Ingénierie** is a concentration of BRL’s engineering and consulting expertise.

**BRL Ingénierie** uses all the skills developed over the last fifty years in Languedoc-Roussillon in infrastructure operation (managing some 9 dams, 105 km of canals and 125 pumping stations), irrigation scheme development & management (total command area 120 000 hectares), urban water network management (6 drinking water treatment plants and water supply for 700 000 people), project engineering, institutional support services and technical assistance to project owners.
**BRL Ingénierie** consulting engineers specialise in areas related to water, the environment and regional development, working in France and in over 80 other countries for local communities, national authorities and private sector under bilateral (AFD, KFW, SIDA, MCC…), multilateral (World Bank, ADB, AsDB, IDB…) and private financing.

With over 160 staff (engineers, consulting experts and highly specialised technicians), 40 % of **BRL Ingénierie**’s regularly increasing turnover comes from activities in France and 60 % from activities abroad.

**GEOGRAPHIC DISTRIBUTION OF BRL Ingénierie’s SALES***

- Metropolitan France: 40%
- Mediterranean & Middle East: 20%
- Europe (excluding France): 5%
- Mexico, Latin America & Caribbean (including the West Indies and French Guiana): 10%
- Africa & Indian Ocean (including Reunion Island): 20%
- Asia & Far East: 5%

*All BRL Ingénierie’s activities are ISO 9001: 2000 certified.*
Our Activities & skills

Water supply and sanitation
- Drinking water treatment plant and distribution network design
- Securing water supply
- Designing and improving waste water disposal and treatment systems
- Desalinization
- Management of water authorities (Institutional set up, organization and financing)

Large hydraulic infrastructure
- Dams
- Large-scale water mains and water transfers
- River works
- Canals
- Storage reservoirs and stormwater basins

Irrigation and drainage
- Master planning, design and implementation of irrigation and drainage schemes
- Assistance with infrastructure operation, maintenance and development of Public Private Partnership
- Waste water reuse
- Advice for irrigation users

Hydraulic regulation and automatic control
- Pumping stations
- Regulation structures
- Small hydropower plants
- Automatic control, remote control, SCADA systems
### Water resource development and management
- Integrated water resource management (IWRM) studies and planning
- Organizational, institutional and financing aspects of IWRM
- Flood prevention, mapping and mitigation
- River improvement
- Quantitative management of water resources
- Water quality

### Natural area management and environmental assessment
- Environmental & Social impact assessment
- Natural area management and development
- Biodiversity conservation
- Protected area management and development
- Natural resources management (fishery, forest,...)
- Carbon balance sheet
- Climate change impact and adaptation

### Regional development
- Impact assessment and Adaptation to Climate Change
- Land-use management
- Regional and local development
- Sustainable development
- Regional planning
Our services

STUDIES AND DESIGN
- Land-use management and development planning
- Regional planning
- Economic studies
- Engineering studies
- Design, construction supervision and management services

PROJECT DEVELOPMENT AND IMPLEMENTATION
- Setting up project finances
- Works management and commissioning
- Design-Build-Operate activities
- Public-Private Partnerships (PPP)

MANAGEMENT AND OPERATION
- Technical operation
- Financial and commercial management

TECHNICAL ASSISTANCE AND TRAINING
- Technical assistance services
- Training courses

INSTITUTIONAL CONSULTANCY
- Institutional support and capacity-building
- Organizing and restructuring water and environment managing entities
- User organization
BRL has been dealing with WSS issues for over 25 years. The skills of BRL Ingénierie today, embrace drinking water supply, wastewater treatment and storm water drainage. These skills are consolidated by BRL Group experience in operation of water and wastewater infrastructure. Skills provided by BRL Ingénierie in WSS include:

- Developing water supply and water sanitation masterplans,
- Securing and protecting drinking water supplies,
- Designing drinking water treatment plants and distribution networks,
- Designing and improving wastewater disposal and treatment systems,
- Design and construction supervision of urban water infrastructure.

### Significant experience

#### International

- Study of the strategic plan for sewerage in the city of Djibouti. Africa
- St Louis du Sénégal sewerage masterplan. Africa
- Technical assistance to the project management unit in charge of drinking water supply and sanitation in the rural areas of Niassa and Nampula in Mozambique. Africa
- Assessment and design of rehabilitation works for water supply to the towns of Saida and Bechar in Algeria. Mediterranean and Middle East
- Assessment and rehabilitation of Domestic Water Supply (DWS) networks in the Wilaya of Algiers Mediterranean and Middle East
- Master plans for DWS networks in Greater Sfax, Tunisia. Mediterranean and Middle East
- Oudja urban sewerage masterplan, Morocco. Mediterranean and Middle East
- Gaza sewerage and storm water drainage masterplan, Palestine. Mediterranean and Middle East
- The Moroccan national masterplan for sewerage. Mediterranean and Middle East
- Design of a transmission and distribution system for Matura / Salvia drinking water plant, Trinidad and Tobago. America and the Caribbean
- All Saints Bay sewerage program, Brazil. America and the Caribbean
- Preliminary studies for improvement of water supply and sanitation in Hebei, Henan and Hubei provinces, China. Drinking water and sanitation, solid waste and storm water drainage components. Central Asia and Far East
- Support to local council authorities in Macedonia to study the feasibility of 10 projects (drinking water, sewerage, solid waste), Macedonia. Eastern Europe

#### France

- Intercommunity sewerage master plans for the Nice-Côte d’Azur and the Montpellier urban areas.
- Complete engineering services for the design and construction of the Port- Possession, Grand Fond and St Leu drinking water treatment plants (Reunion Island).
- Protection of water supplies to the Nive drinking water treatment plant (Bayonne) and the Montbéliard urban area intercommunity.
- Nîmes urban area intercommunity water supply masterplan.
- Engineering services on the WWTP and effluent transfer system in Nîmes.
- Design and construction engineering services to divert water and sewerage networks for the construction of Montpellier Tramway.
- Mayotte Island drinking water masterplan.
- Cayenne stormwater drainage masterplan.
Since 1955, BRL has designed, built and continues to manage the extensive water infrastructure of the Languedoc-Roussillon (LR) region. The LR, a dry region, owes its economic development to these water infrastructures. Our clients in the region and internationally have relied on our expertise for over 50 years now. For them, BRL Ingénierie has studied, designed and supervised the construction of numerous infrastructure aiming at water resource mobilization, supply, treatment and transport. Such infrastructure include:

- Dams, storage reservoirs and stormwater basins,
- Large-scale conveyance lines and transfers,
- River works,
- Canals,
- Structure diagnosis and safety monitoring.

BRL Ingénierie offers a complete range of engineering services from project identification, design and construction supervision to infrastructure commissioning and recommendations for operation.

### Significant experience

#### International

- Engineering services for a large water transfer project (3 pumping stations and a canal) from the Euphrates to Al Sawar in Syria. **Mediterranean and Middle East**
- Assistance to the project owner, full design, construction supervision and management of the Algiers water transfer project. **Mediterranean and Middle East**
- Construction supervision of Corumana Dam improvement (Mozambique). **Africa and Indian Ocean**
- Technical assistance and works supervision of the construction of the Oued Oran to Maghnia water transfer (Algeria). **North Africa**
- Connection of the Oued Sebt desalination plant. **Mediterranean and Middle East**
- Detailed design and works supervision for 33 dams for recession cropping in the vicinity of Achram and Diouk (Mauritania). **Africa**
- Connection of the Hamma desalination plant to the Algiers urban drinking water supply system. **Mediterranean and Middle East**
- Feasibility study and detailed design of water transfer from Oueds Zaiane, Berd and Barbare to Tilesdit reservoir (Algeria). **Mediterranean and Middle East**
- Domestic water supply from Ourkiss Dam for several towns (Algeria). **Mediterranean and Middle East**
- Design of repairs and consolidation of the River Senegal dikes from Diama to Rosso (Mauritania - Senegal). **Africa and the Indian Ocean**
- Extension of Wonji Shoa sugar scheme (Ethiopia). **Africa and the Indian Ocean**

#### France

- Engineering services for works improvement on the Rhone to Sète Canal between Saint Gilles and Frontignan.
- Full engineering services (from desing to works supervision) of the Agly Dam. Pyrénées Orientales. A large dam in gneiss materials with a central diaphragm wall made of plastic concrete.
- Full engineering services for the reconstruction of Barrage de la Caserne around Mont Saint Michel.
- Engineering services for the construction of Paquemar Dam. Martinique
- Engineering services for bank protection in the Lower Vidourle Valley. Gard
- Engineering assistance for the rehabilitation and modernization of river navigation infrastructure. Works package A - Lower Seine, Oise and Picardie – Voies Navigables de France
- Engineering services for La Galaube dam on the Alzeau river. Aude/Tarn.
- Engineering services to strengthen the dikes on the right bank of the Rhone river.
- Engineering services for the West Coast Large Water transfer project (including a tunnel). Reunion Island.
- Engineering services for a 48 hectare bulk water reservoir at Rochefort sur Mer. Charente Maritime.
- Engineering services to raise the Ganguise dam embankment. Aude.
**BRL Ingénierie** offers a unique expertise in Irrigation & Drainage:

- For over 50 years, BRL Group is a designer, co-financier, concession-holder, project manager and operator of hydro-agricultural infrastructure. This is a specific format of PPP. Thanks to these infrastructure, a highly efficient diversified irrigated farming area of 120,000 hectares was developed in the Languedoc-Roussillon (LR) Region (south of France).
- BRL Ingénierie builds on its unique experience in the LR region and in over 80 countries to assist decision-makers, financiers, irrigation users and farmers in the following activities:
  - Plan, study and implement their investments, including in Public-Private Partnerships;
  - Anticipate and organize hydro-agricultural infrastructure operation and maintenance,
  - Assist irrigation users and farmers optimizing, soils and water use.

Nowadays, in Mediterranean regions, the reuse of waste water is widely developed. **BRL Ingénierie** also provides the previously mentioned services in this area including additional skills to address sanitary aspects, regulations, as well as agronomic, social and cultural aspects.

### Significant experience

**International**

- Development of an irrigation scheme (6000 ha) using treated wastewater near Tunis. **Mediterranean and Middle East**
- Improvement of the operation of the Gharb (200,000 ha) and Loukkos (50,000 ha) irrigation schemes, Morocco. **Mediterranean and Middle East**
- Study of irrigation pricing policy in Algeria and Tunisia. **Mediterranean and Middle East**
- Engineering services, detailed design and technical assistance to develop Guerdane Irrigation Scheme (10,000 hectares) in the framework of a Public-Private Partnership (concession contract), Morocco. **Mediterranean and Middle East**
- Preparation of the detailed design for El-Eulma hydroagricultural development scheme (20,000 ha under pressure irrigation), Algeria. **Mediterranean and Middle East**
- Identification and feasibility study of 15,000 ha of new irrigated areas in Ethiopia and Sudan (Eastern Nile Basin Initiative). **Africa and the Indian Ocean**
- Works supervision of irrigation schemes in the Gorgol Valley, Mauritania. **Africa and the Indian Ocean**
- Physical and institutional rehabilitation of Chókwè Irrigation Scheme (22,000 hectares), Mozambique. **Africa and the Indian Ocean**
- Organization of the management of Baixo Acarau Irrigation Scheme by a users’ association and start of operation of the scheme, Brazil (8000 hectares). **America and the Caribbean**
- Modernization of irrigated farming in the Diamante oasis (60,000 hectares) in Mendoza Province, Argentina. **America and the Caribbean**
- Modernization of Dau Tieng irrigation scheme (60,000 hectares), Vietnam. **Central Asia and Far East**
- Rehabilitation of Stung Chi Kraeng irrigation scheme (20,000 hectares), Cambodia. **Central Asia and Far East**
- Laos, Technical assistance to the Irrigation Department (Ministry of Agriculture and Forestry). **Central Asia and Far East**

**France**

- Development of 120,000 ha of irrigated areas in the Languedoc-Roussillon (South of France).
- Modernisation of the management of Gignac canal, run by a water users’ association (3000 hectares), Hérault.
- Drome master plan for irrigation.
- Engineering services for the reuse of waste water to irrigate parks and gardens in the community of Le Port (Reunion Island).
With over 50 years of valuable experience in the design and construction of hydraulic infrastructure as part of
the BRL Group, BRL Ingénierie has designed and built some 25 treatment plants, 150 pumping stations, a
large number of dams, reservoirs and small hydroelectric power plants and over 200 water transfer systems
(pipeline and canals). BRL Ingénierie has still a design and construction engineering duty to ensure the
refurbishment and modernisation of BRL’s infrastructure in Languedoc-Roussillon. BRL Ingénierie has devo-
oped modern, high efficiency skills and tools for automatic control, remote supervision and computer-aided
maintenance. Many French and foreign customers are able to benefit from our expertise on all kinds of
hydraulic structures.

Significant experience

**International**

- Design and implementation of a hydrometric system and remote transmissions in Jordan, Israel and
  Palestine. **Mediterranean and Middle East**
- Project to build a conveyance line for water supply and irrigation water in North Tunisia. **Mediterranean
  and Middle East**
- Remote hydrological measuring system in the Oum er Bia and Nfis basins, Morocco. **Mediterranean and
  Middle East**
- Engineering services on Daourat pumping station and Casablanca drinking water supply project. **Mediterranean and Middle East**
- Design and installation of a satellite-communications network for hydrometric monitoring (flow and quality)
  on the Zambezi River. **Africa and the Indian Ocean**
- Upgrade of the Southern Canal regulation system in Uzbekistan. **Central Asia and Far East**
- Construction design of Works Package C for the transfer from the Sao Francisco river to the North
  East (canals, pumping stations and dam), Brazil. **America and the Caribbean**

- Study of the technical and economic feasibility of rehabilitation for 68 irrigation scheme pumping
  stations. Preparation of technical specifications and tender documents. Armenia. **Eastern Europe**

**France**

- Engineering services to modernize BRL infrastructure (asset value €2.4 billion) supervision and
  monitoring of heavy maintenance works.
- Engineering services on the automatic control system for Gignac Canal (CEMAGREF). Hérault.
- Definition study for the Vendée flood risk information system.
- Engineering services for the Mafate and Salazie water transfer systems. Electromechanical equipment,
  automatic control and maintenance. Reunion Island.
- Improvements on the Bras des Lianes small hydro-
  power plant: extension of drinking water supply and
  optimum use of hydroelectric power. Reunion Island.
- Design and construction engineering services on flood control facilities and infrastructure (pumping
  stations, dikes, canals) in the Gard area of Camargue.
Since the 1950’s, BRL, as a regional development company, is involved in coastal zone planning and engineering, first in the Languedoc-Roussillon and then in France and worldwide. Today, BRL Ingénierie offers a comprehensive approach to coastal zone management and port engineering using its skills in water management, natural area conservation, land-use management and infrastructure engineering. Our skills in the maritime sector include:

**PORTS AND COASTAL PROTECTION**
- Coastal erosion protection,
- Port engineering (river and marine) from feasibility study, to detail design and works supervision of new infrastructure or rehabilitation of existing ones.

**INTEGRATED COASTAL ZONE MANAGEMENT**
- Coastal wetland management through an approach integrating: natural habitats protection, land use management, inventories of water and environment use, taking into consideration administrative and legal framework,…,
- Fishery management and aquaculture (planning, economic development studies and reorganization studies),
- Integrated Coastal zone planning balancing human needs and conservation of natural habitats,
- Marine protected area development and management.

BRL Ingénierie is at the forefront in integrated coastal area management thanks to its maritime engineering and coastal environment skills and expertise.

**Significant experience**

**International**
- R&D project, VULSACO “Vulnerability of Sandy Coast to climate change”.
- Definition and feasibility of the South Thailand marine park rehabilitation and sustainable tourism promotion project. Central Asia and Far East
- Strategic guidelines and technical assistance for dredging in Morondava port, Madagascar. Africa and the Indian Ocean
- Support to the Development of the Algerian National Coastal Conservation Commission. Mediterranean and Middle East
- Technical assistance on the AMESD program (African Monitoring Environment for Sustainable Development) – Component 5: Use of satellite technology for Integrated coastal zone management in the IOC region. Africa and the Indian Ocean
- Integrated management of the marine and coastal area in Samana region (Dominican Republic). America and the Caribbean
- Environmental improvement of north coast beaches (Honduras). America and the Caribbean
- Creation of a network of marine and coastal protected areas on the Galite archipelago (Tunisia). Mediterranean and Middle East
- Improvement of fishing boat landing places (small scale fisheries – St Louis du Sénégal). Africa and the Indian Ocean
- Expert assignments to design and accompany works to build a private marina (500 spaces) in the Dominican Republic. America and the Caribbean
- Support to sustainable shrimp fishing – Ex-post evaluation, Madagascar. Africa and Indian Ocean
- Fishery management plan for the Yeet and the Symbium. Senegal. Africa and Indian Ocean
- Management of fisheries and monitoring of tuna fishing in the Indian Ocean and in Senegal. Africa and the Indian Ocean

**France**
- Hydraulic improvement works in the bay of Mont St Michel to restore the sea around the island: groynes, weir, bank protection, dredging channels, dismantling buried riprap, roads and parking areas.
- Study to define sea defense works on the Charente-Maritime coast.
- Feasibility study for the construction of a boating harbour at Arles.
- Master plan for the development of off-shore wind power in Languedoc-Roussillon.
- Engineering services to design passenger ferry quays in departmental ports in Guadeloupe.
- Extension of the yachting camber at Pointe des Galets, Reunion Island.
- Guadeloupe Port Authority – Engineering services to rebuild Quays 7 and 8.
- Bac de Barcarin ferry – Engineering services to replace boat slips.
- Study of erosion of the coastline in Northwest French Guiana.
- Feasibility of a new port extension for medium sized vessels at Port Reunion.
- Marigot Bay development project in St Martin.
- Hydraulic modeling: agitation studies (La Grande Motte), 3-D modeling (MAERA treatment plant discharge – Montpellier Urban Area Intercommunity; discharge from a stormwater outfall in Fréjus bay).
Water resource development and management

Water resource development and management has been one of BRL’s main areas of activity for over 50 years. Today, BRL Ingénierie’s expertise in WRM is recognised worldwide. BRL Ingénierie offers a complete range of water-related skills needed for integrated water resource management taking into account a constantly evolving national, european and international legal environment (French water law, European Framework Directive on Water, Transboundary water initiatives…)

Our skills and services include:
- IWRM planning and management tools (river basin information systems, models, monitoring systems,…).
- Institutional, organization, and financing studies for local, national and international water basin agencies;
- Engineering services for feasibility, design and construction supervision of water resource infrastructure.
- Technical assistance for operation and management of water infrastructure.

The mix of our technical expertise and operational experience in our own basin is our best comparative advantage.

The main themes covered by BRL include:
- Integrated water resource management,
- Flood prevention, protection, and mitigation,
- River improvement,
- Quantitative and qualitative water resource management.

Significant experience

International
- Master plan for Integrated Water Resource Development and Management and Pollution control in the Gediz, Kuzey Ege and Mendrez Rivers in Turkey. Mediterranean and Middle East
- National master plan for flood protection, Morocco. Mediterranean and Middle East
- Technical assistance services for the design and installation of the automatic hydrological measuring system (floods, water resources) in the Oum Er Rbia Basin (Morocco). Mediterranean and Middle East
- Installation of Belo Horizonte hydraulic system – integrated water resource management, quantity and quality monitoring, flood propagation, Brazil. America and the Caribbean
  • National early warning system for flood, Haiti. America and the Caribbean
  • Technical assistance to the Orange-Senqu River Commission, Botswana, Namibia, Lesotho, South Africa. Africa and the Indian Ocean
- Development of a Kagera River Basin Tranboundary Monograph for the four riparian countries. Africa and the Indian Ocean
- Bahia State Water Resource Development and Management Plan, Brazil. America and the Caribbean
- Design and installation of a network to monitor the hydrology and quality of the Zambezi River in Zambia and Zimbabwe. Africa and the Indian Ocean
- Draft law for the management of the Yellow River, China. Asia
- Analysis of the opportunities for multi-sector investment in the Zambezi River Basin. Africa and the Indian Ocean
- Niger Basin Shared Vision Program:
  (1) Study of the prospective demand for water and water resources,
  (2) Niger Basin hydraulic and economic model for water resource allocation,
  (3) Niger Basin action plan for the sustainable development of the Niger River Basin and
  (4) Niger Basin investment programme for the 9 riparian countries.
- Institutional study to create the Abbay Basin (Blue Nile) Management Authority and provision of technical assistance to its kick up. Ethiopia. Africa and the Indian Ocean
- Support to the Environment Ministry to manage water resources in the Drini River Basin, Kosovo. Eastern Europe
- Physical quality assessment of watercourses in the Rhone-Mediterranean-Corsica basin.
- Prospect study on the adequacy of water resources to meet the future demand in Languedoc-Roussillon (Aqua 2020).
- Impact of climate change on water resources in the Pyrénées Orientales (VULCAIN project).
- Numerous environmental flow management plans to maintain minimum river flow (Cèze, Durance, Gardon rivers…).
- Gardon and Fresquel Flood Risk Prevention Plans.
- Over a hundred community flood safety management plans.
- Aude departmental master plan for flood forecasting.
- Preliminary design and planning permission application documents for flood prevention works in the upper Isère area.
- The Siagne flood forecasting system (Alpes Maritimes).
- South Alpilles watershed management plan.
- Lower Aude Plains flood protection infrastructure. Complete engineering services from feasibility to supervision of works.
- Assistance with the definition of flood protection and prevention strategy for the Aude Departmental Council.
- Master plan for the development and management of water resources on Reunion Island.
Since the early days in the 60’s, BRL is involved in the protection of the natural environment in the Languedoc-Roussillon region. In the 80’s and 90’s, following the emergence of the environment on the world agenda, BRLi has invested heavily in this field by recruiting ecologist, environmental specialist and wildlife expert. In 2004, BRLi consolidated its strategic development in the environment sector by purchasing the SECA company (Sté d’Eco Aménagement) a worldwide renown firm in protected area management and biodiversity conservation. Today BRL Ingénierie is one of the leading firms worldwide in environmental impact assessments and monitoring, management of protected areas and biodiversity conservation.

ENVIRONMENT STUDIES
In the area of Environmental studies, BRLi follows closely the national or international legislation/guidelines and undertakes Environmental impact assessments and environmental monitoring of projects, policies or infrastructures development. The services range from basic field monitoring to setting up comprehensive Environment sets of key indicators.

NATURAL AREA MANAGEMENT
In the last few years, BRL Ingénierie has performed a large number of assignments to protect, manage and develop natural and protected areas requiring our experts to address a wide variety of habitat such as lagoons, marine areas, wetlands, rivers, sand dunes, Mediterranean and tropical forests or deserts.

Significant experience

International
- ECOFAC IV – Technical assistance to implement the Regional Program for the Conservation and Utilization of Regional Forest Ecosystems in Central Africa and Development of a network of national protected area in the region. Africa and the Indian Ocean
- Technical Assistance to the AMESD (African Monitoring Environment for Sustainable Development) programme. All African Countries. Africa and the Indian Ocean
- Environmental Impact Assessment and resettlement plan of the Khudoni Dam and Hydropower Plant Project in Georgia. Europe
- Environmental and social impact assessment of the Red Sea – Dead Sea water transfer project feasibility study. Mediterranean and Middle East
- Complete environmental impact assessment of Agadir sewerage facilities and Safi sewerage programme, Morocco. Mediterranean and Middle East
- Conservation of biodiversity and management of protected areas in Tunisia. Mediterranean and Middle East
- Technical assistance services to the forest and peripheral area development project in Chefchaouen province, Morocco. Mediterranean and Middle East
- Environmental monitoring of the Chad road construction along the Exxon pipeline. Africa and the Indian Ocean
- Study of potential resources for ecotourism in protected areas and national parks in Côte d’Ivoire. Africa and the Indian Ocean
- GEF: Integrated management of the marine zone in Samana (Dominican Republic),
  - Support services to the protected area management project (Morocco),
  - Köprüli Canyon National Park heritage management plan (Turkey),
  - Management plans for Boughrara and El Bibane lagoons (Tunisia).
  - FGEF project preparation or project review:

France
- Natura 2000 programme in Provence-Alpes-Côte d’Azur region. Organisational, financial, technical, scientific and administrative support to the Province authorities.
- Technical assistance services for the management and implementation of the TGV high speed railway Environment Observatory.
- Updating the inventory of sites of special natural scientific interest (“ZNIEFF”) in French Guiana.
- Martinique Environmental Profile and Monitoring Chart.
- Port Cros National Park: selection of the optimal area to be included in the National Park and preparation of the Porquerolles Island Management Plan.
- Protected area management plans: Sainte Lucie (Aude), Corniche de Maures (Var), Gorges du Verdon (Alpes de Haute Provence), Salines de Montjoly (Guyane).
- Support services to establish the Alpilles Natural Regional Park charter and to assist with the review of the Camargue Natural Regional Park charter.
- Environmental impact assessment of the following dams: Paquemar (Martinique), Goéland (St Pierre et Miquelon), dams on the Oise River.
Building on BRL Group experience as a regional development company, BRL Ingénierie has developed renowned skills in regional planning and land-use management strategy. Initially, rural development and agriculture were the core concerns, but the scope gradually broadened into a multi-sector economic approach for a whole region.

Tourism has also become a field in which BRL Ingénierie has developed expertise. From our initial experience in developing recreational infrastructure on rivers and lakes, we have extended our skills to cover general touristic approaches and ecotourism. Today, BRL Ingénierie know-how on sustainable development and regional planning means we are capable of providing complete services in diverse situations from legally-imposed land-use management documents in France (sustainable development plans, territorial development consistency plans, charters…) to more informal planning, economic conversion and development approaches in many countries worldwide.

**Significant experience**

**International**
- Master plan for local development in the Upper Plateaus of Algeria **Mediterranean and Middle East**
- General master plan for development of Saharan regions in Algeria. **Mediterranean and Middle East**
- Integrated rural development and natural resource management in the north of Morocco. **Mediterranean and Middle East**
- Land tenure information system in Abidjan, Côte d’Ivoire. **Africa and the Indian Ocean**
- Umutara socio-economic development programme, Rwanda. **Africa and the Indian Ocean**
- Technical assistance to the Ministry of Agriculture to implement rural land law (Côte d’Ivoire). **Africa and the Indian Ocean**
- Integrated development plan for the northeast coastal plains (Dominican Republic). **America and the Caribbean**
- National Master Plan for Soil Conservation and the prevention of desertification (Algeria). **Mediterranean and Middle East**
- Support to the North Cameroon soil conservation project – assistance to SODECOTON with direct-seeding mulch-based cropping systems (DMC). **Africa and Indian Ocean**
- Assistance with the preparation of the Production Channel Study component under the Watershed / Irrigation Schemes programme in Madagascar. **Africa and the Indian Ocean**

**France**
- Preparation of the environment charter for the Central Martinique Urban Area Intercommunity (Fort de France).
- Agenda 21 for Martinique Departmental Council.
- Baseline environmental assessments for land-use consistency master plans for the Montpellier urban area intercommunity, South Gard, Syndicat Uzège Pont du Gard, Bassin de Vie d’Avignon, South Luberon, French Riviera and La Roya.
- Sustainable development plan for the Communauté de l’Espace Sud Martinique.
- Assessment of touristic potential on large reservoirs and parts of the Durance River where river improvement works have been carried out.
- Landmarks in the Plaine des Maures, Plaine du Comtat areas.