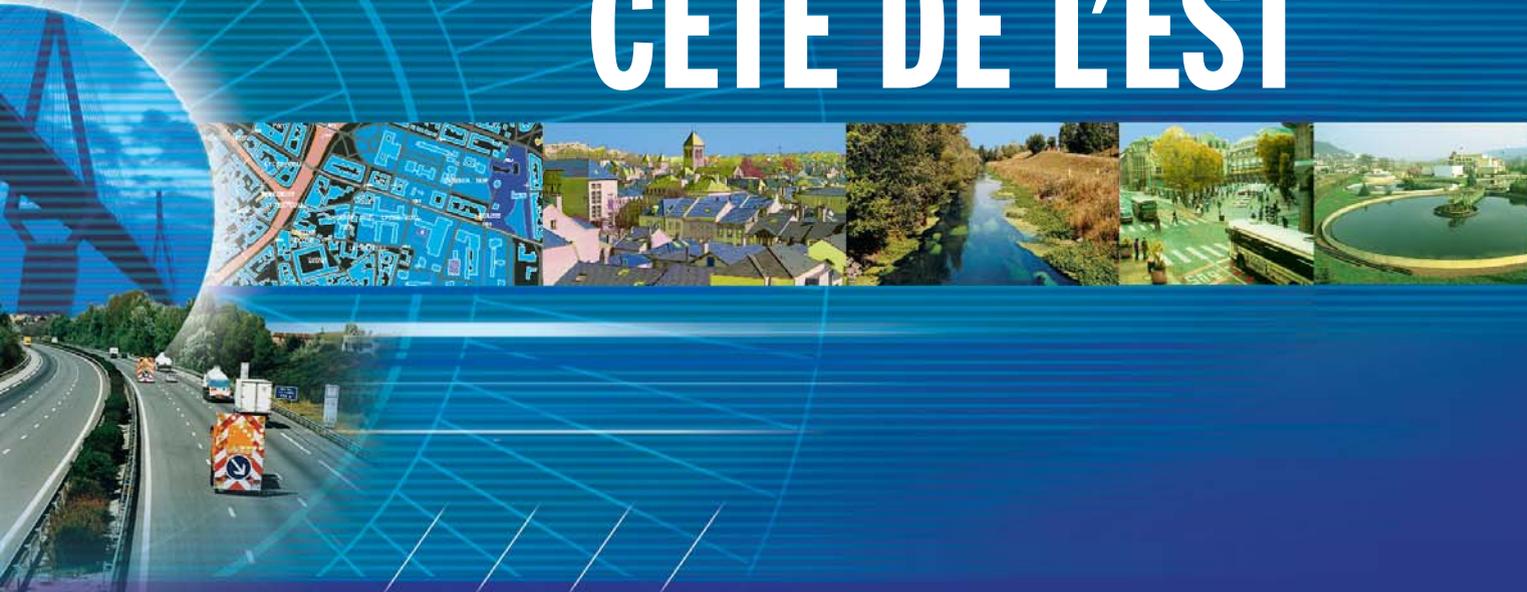


CETE DE L'EST



Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE



ministère
des Transports
de l'Équipement
du Tourisme
et de la Mer

OUR FIELDS OF SKILL

Our knowhow is employed for the requirements not only of central government but also of local authorities — regions, counties, municipalities —, and companies in the semi-public sector such as motorway concessionaires, as well as the private sector, particularly those working in building, engineering, and transport. Naturally, our skills relate to the fields in which CETE de l'Est has traditionally worked, i.e. transport, major infrastructures, lifestyle, and city and regional planning, but at the same time it is constantly diversifying, enabling us to move with our times and with society, to meet new community expectations with regard to infrastructure management, urban development, and the environment.

Town and regional planning, housing

This field covers activities closely linked to the community. Work focuses on the management and development of large areas—from conurbations to entire regions—, on the organization and evolution of towns and cities, and on the development of built-up areas, leisure facilities, parks, and gardens, to enhance their appeal.

Environment, risk management

In this highly topical field, through both global and sector-specific approaches we help promote fuller consideration of the prevention of collective risks and preservation of natural resources and landscapes. In addition, we carry out research to find new balances for treating and mitigating the detrimental effects of dense urbanization and human activity. These services, and particularly those related to sewage, noise, and air pollution, lie at the crossroads with other fields such as transport, town and regional planning.

Transport

Work in the field of transport relates to two aspects. One concerns analysis of the movement of persons and goods in order to manage transport flows by efficiently integrating different means of transport (walking, driving, public transport, etc.). The second takes account of economic aspects of development projects for both local and national authorities.

Road safety

We provide appropriate assistance to all those working to combat the dangers of driving. We can draw up a full diagnosis of a road network, a particular route, a black spot, or an organization, for which we can then propose innovative or proven solutions in terms of development options, implementation of safety equipment, or accident prevention campaigns.

Road management and maintenance

Through its involvement in a large number of EU projects, CETE de l'Est is able to share with its clients the most highly developed traffic management techniques and road-user information systems, and, more generally, the most advanced knowhow on all issues related to road management. Moreover, synergies between engineering divisions and practical work by laboratories produce global answers for the managers of road networks wishing to achieve the most efficient management of their facilities.

Geotechnics, earthmoving, roads

This field covers the usual assignments of geotechnicians, from drilling boreholes and taking measurements, carrying out tests and checks, right through to feasibility studies and design studies for projects. As a result of constant research into new methods (geotextiles, geophysical testing, Pneusol® tyre-reinforced soil, Perméafor® permeability meter), we are able to influence the economics of projects. Studies relating to the design, strengthening, and maintenance of roads are also a major part of our work.

Infrastructures

Work related to infrastructures is one of our core activities. It covers all stages in the process, from project planning and conceptual design through to supervision of construction. Whether for roads or other transport infrastructures, our work involves a wide range of skills. A top priority in this field is the preservation and improvement of living conditions in the vicinity of transport infrastructures.

Bridges and tunnels

The design, construction, maintenance and repair of bridges, tunnels, and other engineered structures require a broad base of skills. Our mastery of these skills means we can give the owners and managers of such facilities all appropriate assistance. At a higher, national level, we take part in methodological studies aimed at improving the quality of bridges, etc.

Construction

Central government is responsible for the quality of housing and public buildings which must provide the best possible living conditions and access to public services. CETE de l'Est contributes to the improvement of safety and comfort by determining inspection procedures (thermal and acoustic conditions), by participating in the updating and upgrading of building codes, and by assessing and promoting innovations aimed at improving the performance of new and old buildings alike.

Information technology

Our main assignments in IT are advice, training, and assistance on topics ranging from networks to geographical information systems (GIS). We also bring our knowhow to bear on the organization of information technology applications by means of computerization plans, security studies, and telecommunication plans. CETE de l'Est is also known for designing and distributing Ministry of Public Works technical and management software.





OUR ASSIGNMENTS

The primary role of CETE de l'Est is to provide technical support services for all parties involved in regional and local planning. Although a public-sector agency, CETE is managed on an industrial and commercial basis, and therefore invoices its services, irrespective of the type of client. One of its objectives is to balance income and expenditure.

OUR SPECIFIC SKILLS

Because of its level of expertise in a number of fields, CETE de l'Est has established specialist teams that work throughout France as part of the Ministry's scientific and technical network (RST). This expertise is above all in the following fields:

- the environment: expertise acquired in **drainage systems, noise, and air pollution** means we can tackle not just public works and development projects but also purely environmental projects
- roads: **traffic metering and winter management** are two fields in which CETE de l'Est has specialist skills
- bridges: the **steelwork unit** of the CETE laboratory in the city of Nancy has at its disposal the complete range of skills required for both new and old bridges
- information technology: CETE de l'Est is recognized nationally as an expert in **wiring of buildings and in automatic exchanges**. It develops leading-edge engineering and scientific software



Design and expert appraisal

Determining a road layout, designing or rehabilitating a bridge, enhancing approaches to towns, drawing up a traffic or parking plan, measuring the environmental impact of a development project ... the investigations assigned to us are extremely varied and testify to the ability of CETE de l'Est to manage the most complex aspects of development problems.

Site and laboratory testing and inspection

Site and laboratory testing is an essential activity of the staff of our two laboratories who deal with the testing and use of materials (blastfurnace slag, macadam, steel and concrete, etc.) as well as inspection of works such as roads, earthworks, bridges, etc.

OUR STRONG POINTS

Our distinctive strong points make CETE de l'Est a major player whose skills bear directly on multiple issues: we are a partner you can rely on.

Proximity

Deployed on three sites, our engineers and technicians live where their work is. As a result they are aware of the region's special features, local issues, and the people we work with. They share the daily concerns of local authorities and the local population. Since they hit the ground running, being immediately available and understanding the issues, it is easier for us to come up with customized solutions.

Technical excellence

Our technical proficiency is carefully cultivated through strict recruitment policies accepting only the best, and also through ongoing training for our personnel. We are particularly attentive to the transfer of knowhow and experience between our different services. A human resources management plan ensures gradual enhancement of staff skills in fields where new requirements are emerging: noise management, risk management, water resources, etc.

Multidisciplinary action

Regional planning and networks management requires a broad, all-encompassing overview: between infrastructures and transport, town planning, environmental considerations, technological and socio-economic issues, etc., the possible interactions are manifold and addressing solutions is becoming increasingly difficult.

To meet these difficulties, we implement the great wealth of CETE de l'Est—the diversity of our knowhow, cultures, and professional skills and experience—to appraise every detail of complex projects and to find effective solutions.

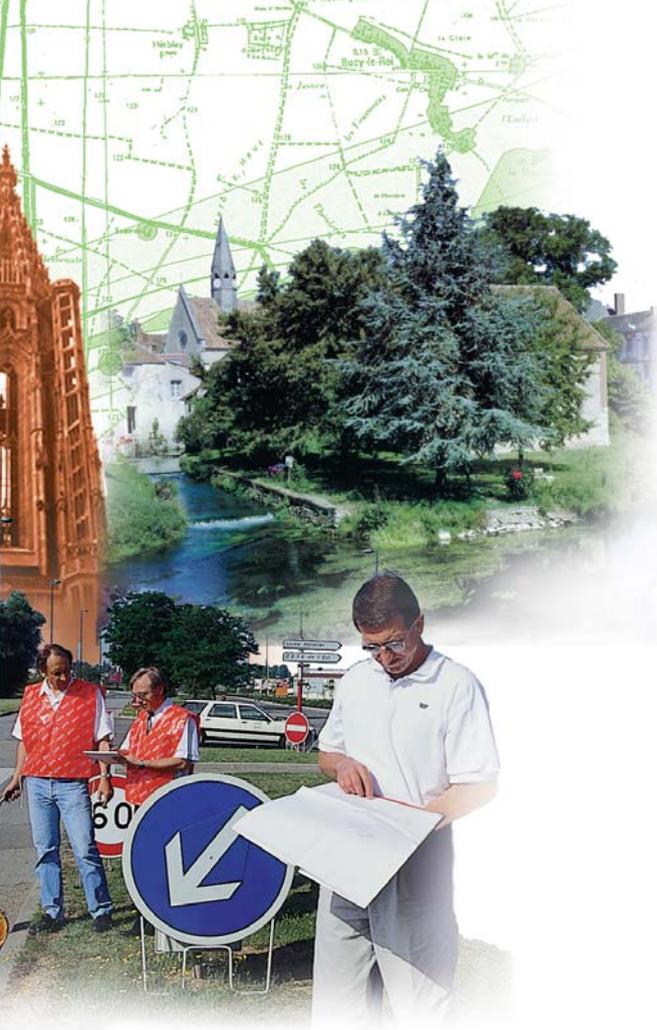
Synergy

The Scientific and Technical Network (RST) of the French Ministry of Public Works comprises a community of specialists who are accustomed to working together on design and research projects. As a part of this community, we enable our customers to benefit from the experience built up by the entire network in France and internationally.

Technical independence

Not only useful, but indispensable in some cases

CETE de l'Est guarantees total technical and scientific independence.



Applied research and innovation

Research is a major component of the work carried out by CETE de l'Est. It is done in close cooperation with the Ministry's scientific and technical network (RST) in fields as varied as acoustics, traffic engineering, structural steelwork, and air pollution.

We are also innovators, designing and promoting testing and monitoring equipment, software, sensors, telematics equipment, and image processing systems.

Technical assistance and advice

Whether in the field of infrastructures, transport, local and regional planning, the environment, or quality procedures, we are also active in providing information and advice for local authorities.

Technical and scientific information

Making technical and scientific information readily available is a key aspect of our dealings with partners. We therefore organize regular events where knowhow and experience can be discussed and exchanged. These events are an effective means for communicating professional, scientific and technical knowhow to central and local government agencies and private-sector companies.



CETE DE L'EST



The area specifically assigned to CETE de l'Est covers three regions: Lorraine, Alsace, and Champagne-Ardenne. This amounts to ten *departements*.

CETE de l'Est consists of general management and engineering divisions in Metz and two regional laboratories in Nancy and Strasbourg.

Together with the other 6 CETE centres it makes up the Scientific and Technical Network (RST) of the French Ministry of Public Works which comprises 8,000 engineers and specialists throughout the country.

In creating CETE de l'Est the Government assigned us an important public-service assignment: that of a decentralized organization providing skills in design, research, advice, and assistance, and acting as both a support and a voice for the Ministry of Public Works in the whole of eastern France.

Within this mandate and in our geographical area, our fields of work are vast but clearly defined. They concern everything that affects lifestyle: town planning, housing, transport, infrastructures, and the environment.

This responsibility is the business of 415 engineers and technicians in our engineering departments in Metz and our laboratories in Nancy and Strasbourg: 415 people at the service of local authorities, whose daily work keeps them in touch with the realities of their community, always in close cooperation with professionals in the different sectors concerned.

This regional foundation means we benefit from proximity and previous hands-on experience to understand the concerns of our fellow citizens, meet their current expectations, and anticipate their future evolution.

To meet our responsibilities, we rely on the renowned technical skills and the multidisciplinary nature of our staff to address the complex projects and problems of our clients, wherever necessary in conjunction with

backup from the national Scientific and Technical Network of which we are part.

This is what makes CETE de l'Est so very special.

Our ambition: to continue to work towards enhancement of the lifestyle of the people living in our regions.

Inherently outward looking...

Because of our geographical location we quite naturally enjoy close relations with counterparts in Germany, Luxembourg, Switzerland, and Belgium. This partnership takes the form of regular meetings in the course of symposiums, conferences, or site visits to which our specialists in a variety of disciplines contribute as organizers or as participants. We are also involved in all the major cross-border projects in our area.

... intensely European

Located at the crossroads of major routes of international communication, our people benefit from thorough knowledge of the major European Community projects, particularly those related to transport. They thus play an active role in most European scientific research and cooperation programmes.

Exporting knowhow

From road safety in Africa to frost heave in Canada, every year our engineers are called out by foreign administrations and companies to give expert appraisals, advice, or assistance in every corner of the world.



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