

PANGEA è una società cooperativa di ingegneria, operante a livello nazionale e internazionale nei settori agroforestale, architettonico, ambientale e infrastrutturale.

Pur essendo attiva in quasi tutti i campi dell'ingegneria, è nell'**Urbanistica, Rigenerazione, Progettazione del Paesaggio e nello Sviluppo Strategico Integrato**, nonché nella progettazione di interventi per contrastare gli effetti dei Cambiamenti Climatici che PANGEA ha sviluppato le sue migliori competenze, valorizzando in particolare lo Sviluppo Sostenibile dei territori.

PANGEA collabora con alcune delle principali istituzioni finanziarie internazionali tra cui, in particolare, la Commissione Europea, e BERS e Banca Mondiale e ha esperienza diretta in tutte le fasi della gestione del programma e del ciclo di progetto, compresa l'identificazione, la preparazione, l'attuazione, il monitoraggio e la valutazione di programmi e progetti.



1. Agriculture and Rural Development

Agro-Engineering and controls in agriculture, satellite photo interpretation

Consultancy on integrated projects, economic feasibility studies, for farm holdings and associations in the Agro-sector

Consultancy, TA for agricultural and forest design

Safety at workplace

2. Engineering for the territory

Soil protection

Water management

Rehabilitation of polluted sites

Forest Management, Planning and Design
Environmental studies and assessments
Infrastructure and urban development work management
Regional and Urban development planning
Geology and geotechnics
Field surveys and mapping

3. Sustainable management, natural environments and wildlife

Forest and Pasture land planning
Natural habitats conservation and sustainable development
Wildlife conservation and management
Biodiversity, endangered species and alien species management
Cartography

4. Forest fire prevention and capacity building

Forest fire fighting training
Fire analysis
Prescribed burning
Forest fire fighting works design and management
Forest fire cartography



ARPA

1. Agriculture and forestry sector

Aerial and satellite imagery photointerpretation
Auditing of public direct payment schemes to farmers in the EU CAP framework, involving assessment of agricultural and animal husbandry productions, farming best practices, environmental sustainability and investment projects controls.
Agricultural and forestry advisory services to farmers and forestry entities.

Medium to large scale forestry planning
Tree stability assessment
Sectorial analysis in the primary sector

2. Technical and economic sector

Technical and economic analysis of investment projects
Marketing research services for agro-industrial projects, with special regard to cooperative companies and to the promotion of typical products
Tax and accounting advisory service
Inspection, auditing and final acceptance test of public investment programmes
Environmental economics
Economic and financial evaluation of investments. Cost-benefit analysis

3. Environment

Soil surveys and soil management advisory
Geographical Information System (GIS) implementation services
Topographical surveys employing precision GPS equipment
Remote sensing analysis and forecasts
Remote sensing and mapping using high resolution drone imagery. (2 licenses)
Use of dedicated software for editing of aerial imagery
Safety assurance of civil engineering works.

4. Public sector relations and projects related to EU, national and regional legislation

Project design, monitoring and management of EU LEADER rural development projects
Project design, monitoring and management of integrated value chain projects (Italian agri-food industry development projects)

5. Other sectors

Marketing analysis for organic food products
Management of organic food products shops: brick and mortar and on-line businesses
Promotion services of typical and Geographical Indication products
Consultancy services for quality control according to GlobalG.A.P. (ex EurepGAP) and BRCGS guidelines
Project design and management of education and training projects, on and off the job: MURST, FSE, IPARD

Teaching and tutoring for education.



1. Territorial surveys and on-the-spot controls in agriculture

Aerial and satellite imagery photointerpretation

On-the-spot controls in agriculture

Auditing of public direct payment schemes to farmers in the EU CAP framework, involving assessment of agricultural and animal husbandry productions, farming best practices, environmental sustainability, and investment projects controls

Creation and updating of alphanumeric and graphic databases

Administrative and documentary checks

TA to national and regional Paying Agencies in the agricultural sector

Cartography and Territorial Information Systems

2. Waste management

Waste management plans and programs

Design and redesign of urban waste collection schemes

Quality assessment of environmental hygiene services

Drafting of technical-administrative documents in the waste management field (regulations at the Municipality level, tender specifications, etc.)

Support in the adoption of a “pay as you throw “(PAYT) usage-pricing model for municipal solid waste

Waste prevention and minimization policies and projects (e.g. Green Public Procurement, set-up of plastic recycling schemes)

Feasibility studies and promotional activities concerning home composting and reuse of organic waste in agriculture

Technical and economic assessments

3. Environmental and social sustainability

Support to private and public bodies in the implementation of Environmental Management Systems (ISO 14001, Emas, EU Ecolabel)

Strategic Environmental Assessment of plans and programs
Assessment of ecosystem services
Assessment of environmental footprint and carbon footprint of products and services
Social and environmental sustainability reports for private companies and non-profit organizations

4. Local development

Local development plans (e.g Local development plans for EU LEADER Local Action Groups)
Involvement of local stakeholders
Creation of network of local businesses
Development and promotion of rural and mountain tourism
Promotion of typical and Geographical Indication food products
Implementation of quality schemes and labels within natural protected areas

5. Territorial plans

Land maintenance plans for rural and mountain areas
Plans and guidelines for the protection of rural and natural landscape.



MATE ENGINEERING

1. Territorial Governance and land valorization

Master Plans
Urban Plans
Cartography and Territorial Information System

2. Territorial Plans and project management

Feasibility Studies
Strategic and Spatial plans and Territorial marketing, including cultural and touristic destination and spatial development strategies

Technical Assistance (TA) including UNESCO management plans, GHG (Green House Gas) monitoring, Kioto protocol, Urban regeneration, Local development plans

3. Industrial project design (not work)

Roads, Railway, port and airport design, people mover

Transport policy formulation

Water cycle management and planning, design of water treatment process

Waste treatments design

Environmental Impact Assessment (EIA)

4. Urban identities

Housing and social housing

Restoration of historical heritage

Urban requalification

5. Urban identities - services

Educational building

Cultural centers, Museums and sports centers

Hospitals and health centers

6. Urban identities - shopping centers, public building and Headquarters

7. Territorial safety

EIA and environmental monitoring, including hydro, geo and landscape assessment

Water and acoustic plans

8. Landscape regeneration and sustainable development

Cycle and walking paths

Sustainable mobility

Renewable energy sources