



# Westgroup

World Engineering Science and Technology



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## PROFILE

Westgroup is a merger of Italian companies that deal with the Engineering and Environmental Monitoring Systems. With over 30 years of experience, the company is able to design and develop customized systems for the solution of complex issues, thanks to a professional team of highly skilled technicians.

## STAFF

A total of about 60 highly qualified professionals work at the company, among them engineers, geologists and technicians with specific skills in design, production and assistance in the environmental sector, agricultural development, pollution control, energy, waste, quality, health and security. Our strength lies in our ability to diversify and integrate our activities based on the evolution of the market and of the regulations that affect the sectors.

**Westgroup** operates on a worldwide scale both to provide environmental consulting services and to design and manufacture "tailor made" instrumentation for water, soil and air monitoring. The matured experience allows the company to be present in several areas, offering the following activities and consulting services:



**ENVIRONMENTAL  
MONITORING**



**INSTRUMENTS**



**RESEARCH &  
INNOVATION**



**ENVIRONMENTAL  
ENGINEERING**



## ENVIRONMENTAL ENGINEERING

### Design

Aqueducts, sewerage systems and water treatment plants

Waterway regulation works

### Planning and Management

Control of water risk, river works

Hydraulic systems and water treatment

Water services and water resources

Environmental planning and monitoring

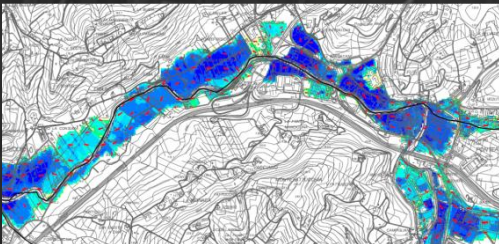
Urban sanitation services, solid urban waste management

Industrial planning for Public Utilities

Environmental impact assessment

Investment assesment

Modelling and management of environmental data



## ENVIRONMENTAL MONITORING

Analysis and characterisation of soil, air and water (MAC)

Landfill monitoring

Air quality monitoring

Monitoring and characterisation of contaminated sites

### INSTRUMENTS FOR ENVIRONMENTAL MONITORING

Environmental radioactivity

Airborne radioactivity

Continuous monitoring stations for gas fluxes from the soil

Geochemical environmental stations

Measurement of diffuse emissions: portable flux meters

## RESEARCH & INNOVATION

Development, coordination and management of technological innovation projects



# PRODUCTS

1

- Instruments for research surveys on gaseous exchanges at soil-atmospheric levels, in different fields of application, such as volcanologic and geothermal sciences, MSW landfills, polluted sites, natural-gas storage sites, contaminated areas. (Brand West Systems)

**WEST**  
Systems

2

- Instruments for monitoring and characterizing both natural radioactivity and radionuclide pollution, in all environmental matrices. The main customer groups include nuclear power plants and facilities, research centers, civil defense, military organizations, health and environmental institutions. (Brand RTS)

**RTS**  
INSTRUMENTS



## Gaseous exchanges monitoring instruments users worldwide



Continuous monitoring station



Classic Portable  
fluxmeter



Integrated monitoring system

China  
Indonesia  
Israel  
Japan  
Philippines  
Saudi Arabia  
Singapore  
South Korea  
Taiwan



Compact Portable fluxmeter

## Main fields of applications:

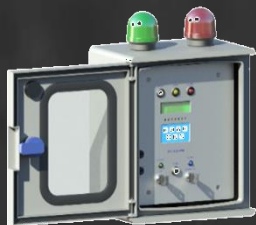
- Volcanology
- Geothermal sites
- MSW landfills
- Polluted sites
- Natural-gas storage sites
- Contaminated areas
- Agronomy

## Main Customers:

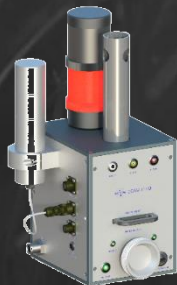
- Ministry of Environment
- Ministry of Agriculture
- Ministry of Defense
- Environmental Control Departments
- Research Institutes and Universities (Geoscience, Geochemistry, Nuclear)
- Oil & Gas companies
- Gas storage companies
- Volcanoes monitoring centers
- International organizations of environmental protection & global warming
- Landfill control companies



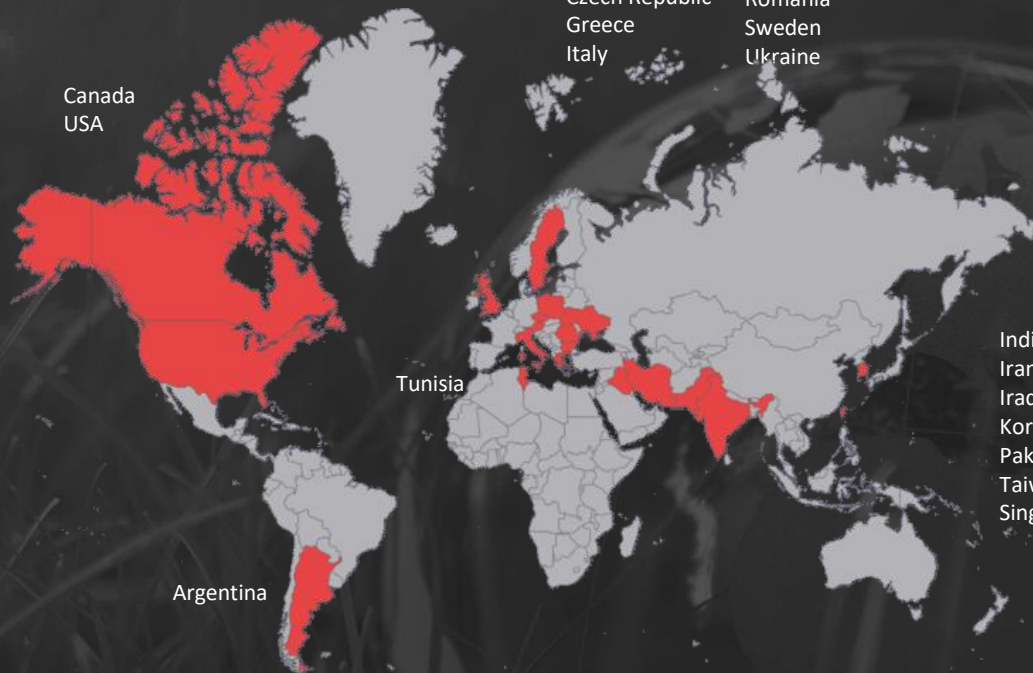
## Radioactivity monitoring instruments users worldwide



Gamma Monitors



Aerosol monitor



Liquid  
monitor



Mobile aerosol monitor

India  
Iran  
Iraq  
Korea  
Pakistan  
Taiwan  
Singapore

### Main fields of applications:

- Nuclear Power Plants and facilities
- Research centers
- Civil defense
- Military organizations
- Health and environmental institutions

### Main Customers:

- Ministry of Defense
- Environmental Control Departments
- Research Institutes and Universities
- International organizations of environmental protection

## References

**1.000+**  
Instruments sold

**100+**  
Customers worldwide



THE UNIVERSITY OF  
AUCKLAND  
Te Whare Wānanga o Tāmaki Makaurau  
NEW ZEALAND



Edison Stoccaggio



IAEA  
International Atomic Energy Agency



Australian Government  
Geoscience Australia



東京大学  
THE UNIVERSITY OF TOKYO



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