



D R A X I S

WHERE TECHNOLOGY
MEETS THE
ENVIRONMENT

- > Founded in 2000 in Thessaloniki, DRAXIS focuses on developing real life environmental Information and Communications Technology (ICT) solutions and provides specialised environmental consultation services across four domains:

1) AIR QUALITY

2) CIRCULAR ECONOMY

3) CLIMATE RESILIENCE

4) ICT

- > With three offices in Thessaloniki, Athens and Brussels and a workforce of environmental scientists, engineers and developers, we excel at anticipating market needs and developing **state-of-the-art solutions** for the **private and public sectors** at local, national and European level.

Passionate about ICT innovation, we design and develop databases, multifunctional platforms and applications, decision support systems, environmental modeling platforms and e-governance workflow systems, based on cutting edge technologies.

Our solutions aim at enhancing efficiency in the use of natural resources, and at supporting successful integration of environmental aspects.

CIRCULAR ECONOMY 01.



We analyse the environmental, social and economic impacts of a product, process, service or a new value chain and we offer support towards sustainable products' development, better decision-making and environmental policy.

SERVICES:

- Life Cycle Assessment (LCA)
- Social Life Cycle Assessment (sLCA)
- Life Cycle Costing (LCC)
- Policy analysis relevant to waste management
- Analysis of challenges hindering biowaste utilisation
- Novel Circular Business Models in the biowaste value chain

PROJECTS

WaysTUP!

hoop

DIGICIRC

BIOAFRICA

MICRO4
BIOGAS

POWER4BIO
REGIONS FOR
BIOECONOMY

CLIMATE RESILIENCE 02.



We provide assessment of climate change pathways, analysis of climate change impacts and risks for a range of systems and support for sustainable adaptation.

SERVICES:

- Assessment of local and regional climate change trends
- Integrated climate risk analysis
- GIS and remote sensing technologies for risk mapping
- Solutions for enhancing resilience to climate change
- User-friendly decision support tools for adaptation
- Local, regional, national and sectoral adaptation plans

PROJECTS

REXUS

EXHAUSTION

the
LENSES
project

Eiffel



AfriCultuReS

AIR QUALITY 03.



We deliver personalised and customised air quality monitoring, forecasting and visualisation, using advanced technological solutions and leveraging the power of environmental intelligence.

SERVICES:

- Provision of personalised air quality information and estimation of an Air quality Index
- Integration of air quality data from various sources
- Environmental Digital Twins
- Historical data analyses
- Early warning systems
- Web and mobile applications

PROJECTS

hackAIR



ENVI4ALL

SYMPNIA

AirQast.

MENIoR

ICT 04.



We develop software solutions that are a constant link between scientific expertise and technological breakthroughs. Our development toolbox, when combined and integrated, can accommodate the environmental industry's needs.

SERVICES:

- Decision Support Systems
- IoT & Geospatial Platforms
- Earth Observation & Remote Sensing Solutions
- Machine Learning and AI algorithms
- Block Chain Technology

PROJECTS

ΗΠΜ[®]

e-shape

GenOptics



SGIE
Sistema de Registo de
Microprodução

aqua3S

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DRAXIS

ENVIRONMENTAL SA



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PROGRAMME

COMPETITIVENESS

2021 – 2027