



Artelia Italia

Sustainability & Building Performances

Sustainable Building Design for Planet and People





Sustainability & Building Performances Department

Artelia Italia is committed to transform the future of engineering by creating highly sustainable, energy efficient and innovative buildings and infrastructures.

Artelia Italia is committed to build the future with projects that integrate sustainability and wellbeing at every stage of the process, ensuring that each project meets environmental challenges and Client needs.

Thanks to many years of experience and the advanced skills of Sustainability & Building Performances Department, each projects is conceived to optimize ESG performances, improve user comfort and reduce environmental impact.

Sustainability and Building Performances department approach is based on internal ESG design guidelines developed to design sustainable buildings and infrastructures, integrating environmental, social, and economic performance criteria in a measurable and quantifiable way. This allows to determine the level of sustainability achieved for each project in a clearly way for Artelia Italia and for its Clients, providing concrete solutions to continuously reduce the environmental impact.

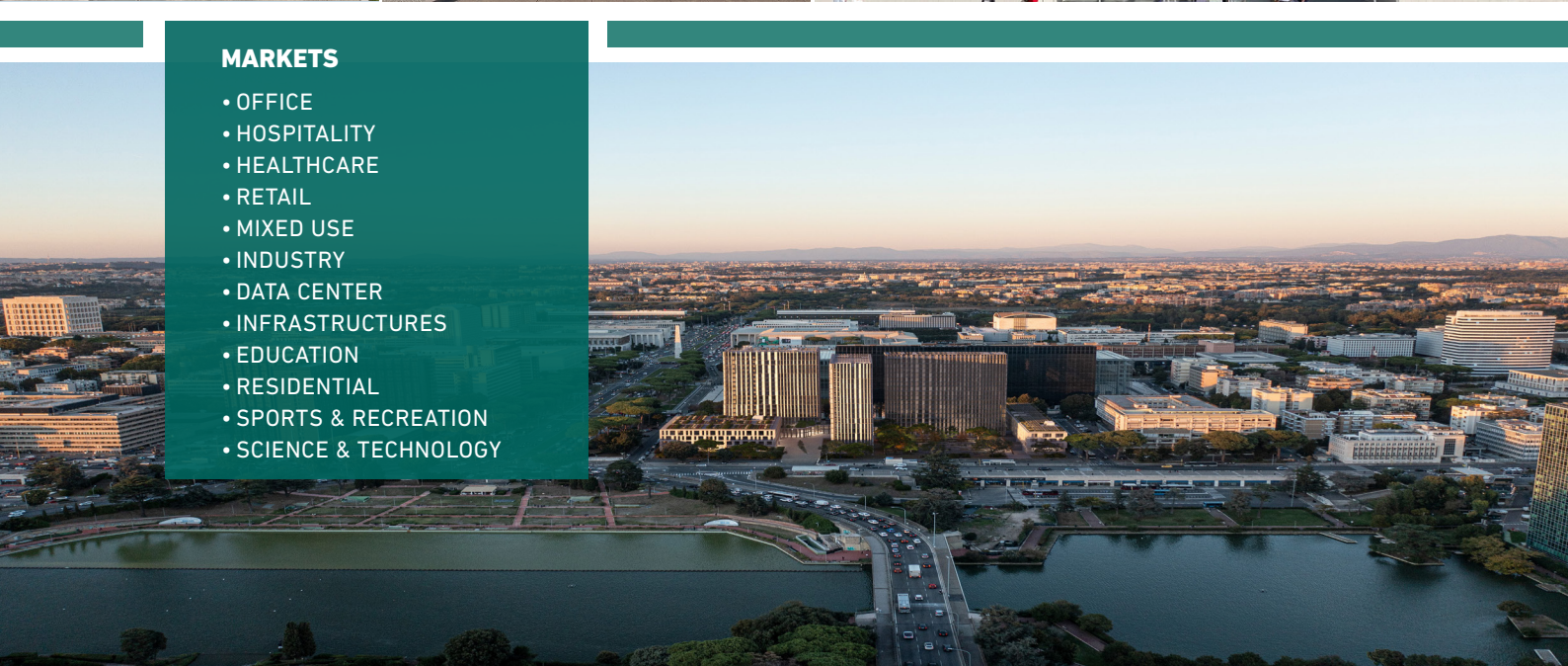
The Sustainability and Building Performances Department is dedicated to ensuring that every project not only meets high-quality standards but also leads in sustainability and energy efficiency, with a regenerative approach.

Our department is composed of engineers and architects with International accreditations, such as: LEED AP, BREEAM AP, WELL AP, CAM expert, ENVISION SP, WIRED Score AP, and Commissioning Authority Certified.



MARKETS

- OFFICE
- HOSPITALITY
- HEALTHCARE
- RETAIL
- MIXED USE
- INDUSTRY
- DATA CENTER
- INFRASTRUCTURES
- EDUCATION
- RESIDENTIAL
- SPORTS & RECREATION
- SCIENCE & TECHNOLOGY





Artelia Italia Services

SUSTAINABLE & WELLBEING

- . Sustainable and wellbeing design
- . Biophilic design
- . Acoustic Design
- . Passive design strategies
- . Sustainable and healthy materials
- . Water efficiency
- . Indoor Environmental Quality

BUILDING PERFORMANCES

- . Dynamic Energy Simulation
- . HVAC optimization
- . Building envelope improvements
- . Thermal comfort modelling
- . Daylight modelling
- . Wind analysis
- . Carbon footprint analysis
- . LCA: Life cycle assessment
- . LCC: Life cycle cost

SUSTAINABLE CERTIFICATIONS

- . LEED, WELL, WELL HSR, BREEAM, ENVISION, LCBI, etc.
- . CAM and DNSH
- . Sustainable preliminary assessment
- . Design and Construction Review
- . Support to Design and Construction team
- . Support to Client in Post-Construction and Management Phase
- . Sustainable and wellbeing monitoring

COMMISSIONING

- . Commissioning, RetroCommissioning and Re Commissioning services
- . On-going and Continuous Commissioning services
- . MEP Commissioning
- . Building envelope Commissioning
- . LEED Commissioning
- . Functional performance testing
- . Construction supervision

BUILDING ENERGY EFFICIENCY

- . Building Energy audits
- . Building Energy Modelling
- . Building Energy analysis & optimization
- . Energy Monitoring

CLIMATE CHANGE & DECARBONISATION

- . Climate change analysis
- . Decarbonisation Analysis & Strategies
- . Carbon offsetting programs
- . Net zero strategies
- . CRREM analysis
- . EU Taxonomy assessment
- . Climate adaptation and mitigation planning

SUSTAINABLE DUE DILIGENCE

- . ESG report
- . Sustainable due diligence

Artelia Italia



+ 700
collaborators
6 offices

Rome, Milan, Bari
Florence, Pescara, Catania

www.it.arteliagroup.com



Artelia, an independent multi-disciplinary engineering company

Consulting - Master planning & feasibility
Project management - Design & engineering
Asset & facility management - Turnkey solutions

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information*



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ARTELIA

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Artelia Group certifications*: ISO 9001 | ISO 14001 | ISO 45001