

What We Offer

Feasibility Studies for new projects and upgrades to determine the performance, facility layouts, costs, schedule, utility needs, and general planning requirements.

New Project Services: design and project management from concept to handover.

Upgrade Project Services: performance and operational upgrades to existing facilities. The same full range of services as for new projects can be provided.

Facility Control Systems (FCS): for all Facility Types.



Different Projects, Same Solid Experience

Aiolos works hard to meet our clients' needs. We can provide a full range of project services to match your requirements. Our projects generally fall into one of the following three types:

Feasibility Studies for new projects and upgrades to determine the technical feasibility, facility layouts, costs, capabilities, schedule, utility needs, and other planning requirements. Studies are conducted very early in the project cycle and are important to minimize both technical and commercial risk for our clients.

New Project Services for completely new greenfield or brownfield facility projects. A complete range of services covering concept design, engineering and detailed design, procurement/fabrication, installation/construction, startup and commissioning can be provided.

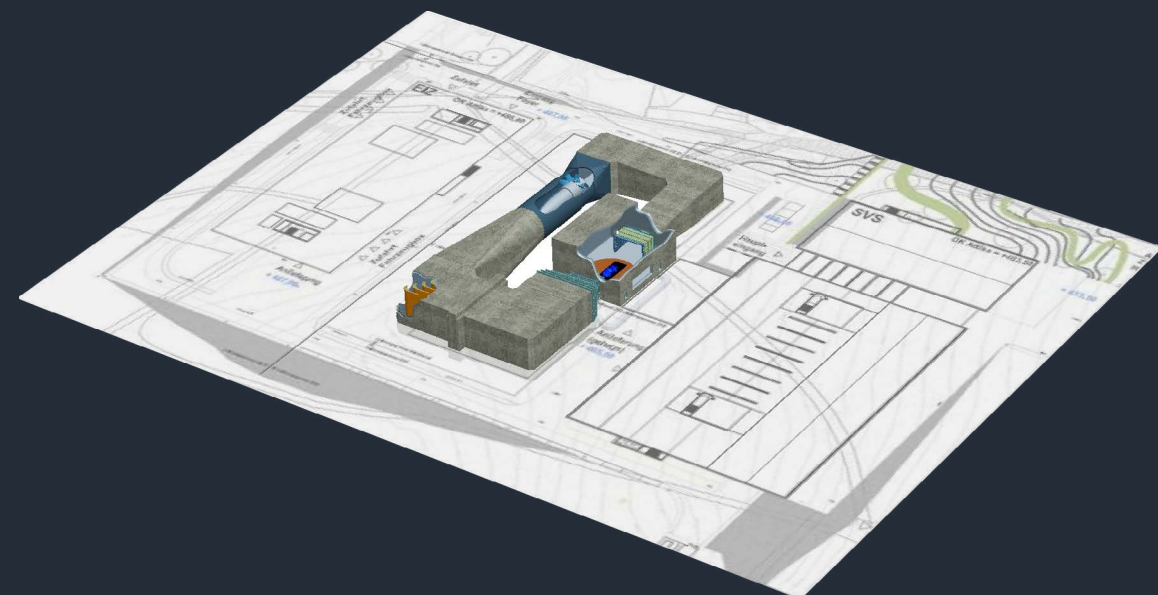
Upgrade Project Services for performance and operational upgrades to existing facilities. The same full range of services as for new projects can be provided. In addition, the impact on existing equipment, systems and utilities is critical for project success, and our team has the experience to ensure we have everything covered to avoid the pitfalls that are otherwise possible with upgrades.

Typical Projects

Aerodynamic & Aeroacoustic Wind Tunnels
Climatic Wind Tunnels
Environmental Chambers
Extreme Weather Simulation Facilities
Emissions Test Facilities
Reverberant Acoustic Test Chambers
Boundary Layer Wind Tunnels
Altitude Chambers
Specialized R&D Facilities
Specialized Dynamic Process Systems
Freefall Facilities
Ground Runup Enclosures

Quality Assured, Quality Delivered

Aiolos Engineering Corporation has a quality management system certified to ISO 9001:2015 by Intertek and is the backbone of our ability to consistently meet or exceed all scope and technical performance deliverables both on time and on budget.



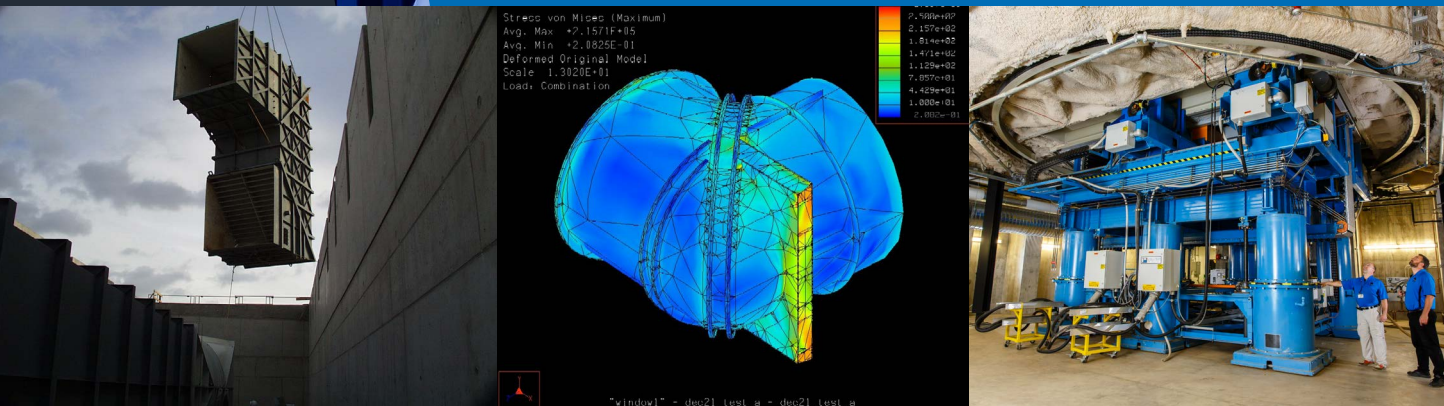
Project Services

Design & Engineering

The Aiolos engineering team features a comprehensive range of interdisciplinary skills covering all relevant technical disciplines, using the latest in design and analysis tools. Our team uses a strong systems integration approach from the concept design to the detailed design phase.

Project Engineering & Project Management

The Aiolos project team can take on full responsible for the integration and timely completion of projects throughout the design, fabrication, construction and commissioning phases. Dedicated project managers, supported by a team of project engineers, provide seamless liaison between clients, fabricators and installation contractors to ensure adherence to performance specification requirements in accordance with budget restraints.



Design/Build Construction

Aiolos can take on full responsibility for the design, construction and commissioning phases of the project within a firm fixed cost. The turnkey approach relieves the client of managerial, technical and fiscal responsibility while relying on Aiolos' experience and expertise for a successful project completion.

Post Project Support

Aiolos offers a wide range of post commissioning support services to our clients, ranging from local maintenance coverage to ongoing operational consulting expertise to allow our clients to get the most from their new facilities. Support can be either provided onsite or remotely, depending on the service required and the immediate needs of the client. We encourage our clients to leverage the strengths of the Aiolos team to help them with their objectives and allow our clients to focus on what they do best.

Contact Us

Please contact us to discuss your requirements at:
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Wind Tunnels | Test Chambers | Simulation Facilities

Automotive

Aero-Acoustic Wind Tunnels

- Balances
- Moving Ground
- Probe Traversing
- Climate Control
- Dynamometers

Climatic Wind Tunnels

- Dynamometers
- Solar Simulation
- Rain and Snow
- Acoustics
- Altitude
- Emissions

We have vast experience in the Automotive industry engineering Aero-Acoustic Wind Tunnels and Climatic Wind Tunnels for some of the leaders in the sector.

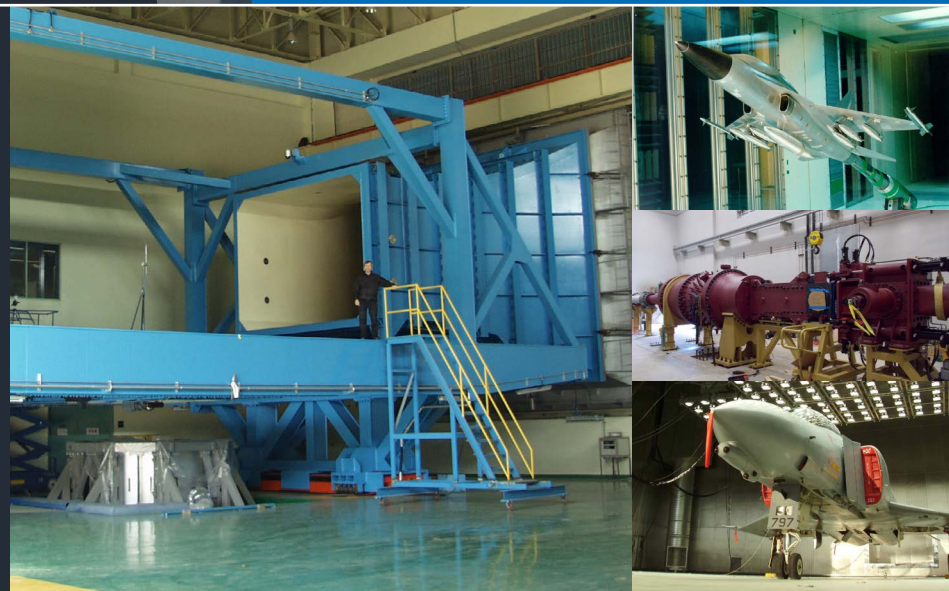


Aeronautical/Aerospace

Our project folio includes working with the World's leading organisations, engineering Aeronautical Wind Tunnels.

Aeronautical Wind Tunnels

- Low Speed
- Transonic
- Tri-Sonic
- Cryogenic testing



Industrial/R&D

Our research and development covers a wide range of projects including Wind Simulation, Boundary Layers, Wind Tunnels and Climatic Simulation Chambers.

Wind Simulation & Boundary Layer

Acoustics

- Reverberant Chambers
- Anechoic Chambers
- Jet Engine Air Supply

Wind Tunnels & Climatic Simulation Chambers

- Trains and heavy vehicles
- Aircraft

