



ATLAS

Powering **Space** Solutions.



Disruptive Solutions for Space

+47

Years of experience

+100

Employees

+15.000

Production area (sq.m.)

AIDAA 
ASSOCIAZIONE ITALIANA
DI AERONAUTICA E ASTRONAUTICA

iaaig
INTERNATIONAL AEROSPACE
QUALITY GROUP

For safer and more efficient Space missions

ATLA provides innovative solutions for the development of the Space Industry

Space structures must withstand **mechanical loads** and **harsh environments** that can affect their **performance** over time. ATLA can significantly contribute to the realization of **safer** and **more efficient Space missions** in the domain of **propulsion** and **thermal protection** systems.

In the development of **innovative** high performance **solutions**, the **protection** of structural **elements** is a **priority**. Our **coatings**, widely used in **Aerospace** to improve **turbine** performance, have significant potential for **Space** applications.



We promote **learning** and **technological development**, collaborating with **companies**, **research centers** and **universities** on **R&D projects** to enable **technological advances** and **improve performance** in **harsh environments** thanks to **radiation** and **high temperature** protection.

Our **Customers** can rely on a comprehensive **portfolio** of advanced protective **coatings** and **Special Processes**. These include **nondestructive testing** methods, blue light technology for Additive Manufacturing and part inspection, vacuum **heat treatments** and **complex repairs** using **laser** and **EDM** technologies.

We are open to **collaborate** with leading **Space** players in the framework of long-term **technological partnership**. We focus on **protective coatings** and **capabilities** targeting the development of **disruptive technology solutions** for **Space Transportation**, **launchers** and other space **vehicles** where **subsystems** are facing **high temperature** and **radiation protection** challenges:

- *Atmospheric Plasma Spray (APS)*
- *High Velocity Oxy Fuel (HVOF)*
- *Suspension Plasma Spray (SPS)*
- *Physical Vapor Deposition (PVD Arc)*

ATLA is part of the **Italian Association of Aeronautics and Astronautics (AIDAA)** and **Affiliate Member** of the **International Aerospace Quality Group (IAQG)**, promoting quality in the **Aerospace** and **Defense** sectors. Additionally, we are **Board Member** of **AICQ**, the Italian Association for **Aerospace Quality Culture**.





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