



UEBS

UNION DES EMPLOYEURS
DE LA BASE SPATIALE



BLC

Bureau local des compétences

Guiana Space Center

The various types of employment on
the base



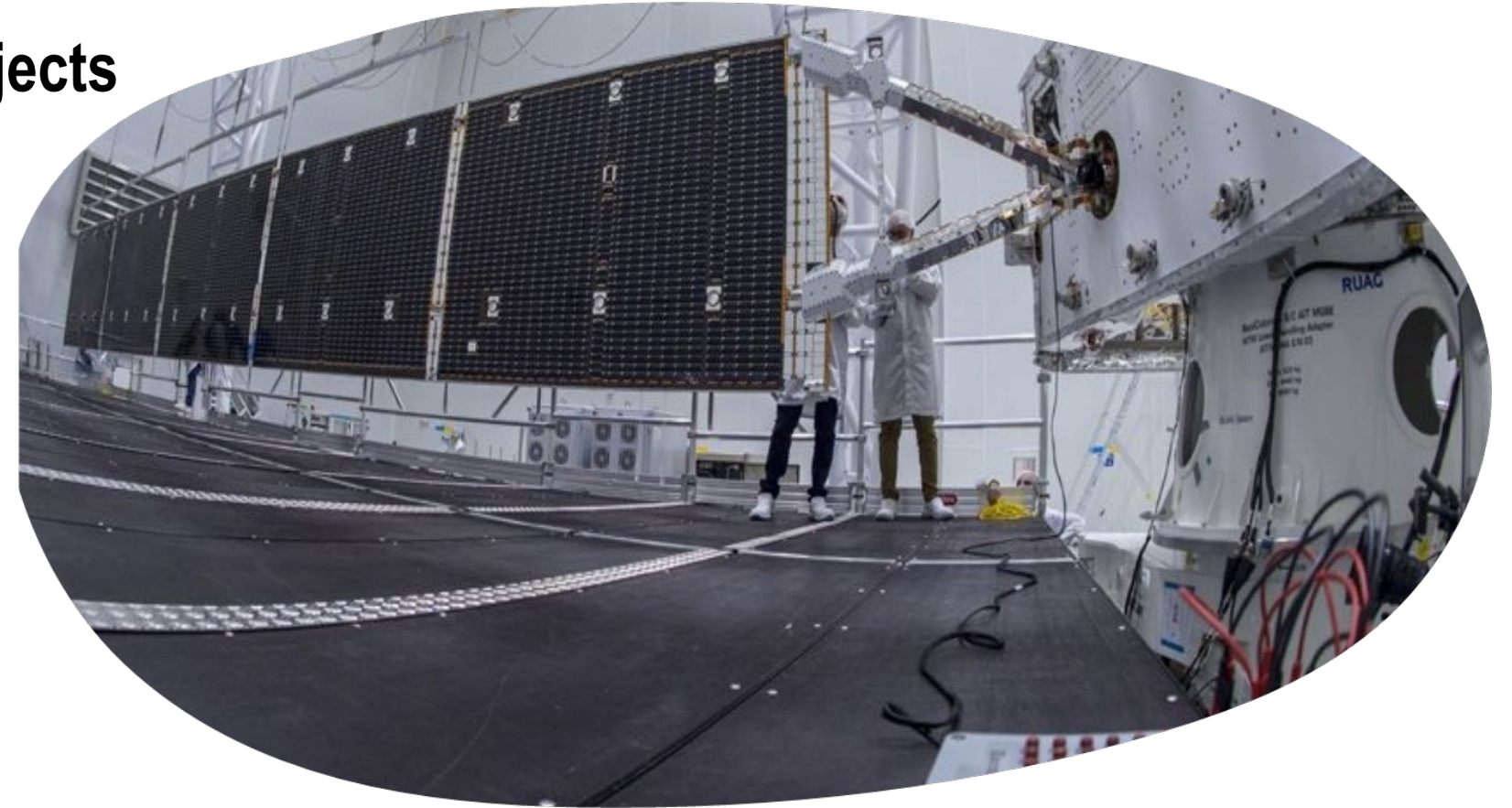
The different categories of employment
at the Guiana Space Center

MANAGEMENT AND PROJECT CONTROL

Managing, coordinating teams, directing sites, controlling projects

Examples of jobs:

- Technical Lead
- Operations Project Manager
- Director of Operations
- Head of Department
- **Payload Resource Manager**
- Project Engineer



I receive satellites and I coordinate operations for their preparation until launch.

✓ *I manage the teams for satellite preparation and testing*

✓ *I follow these operations and make sure everything goes well*

✓ *I interact with the satellite clients*

PRODUCTION

3 plants produce propellants:

Regulus UPG

EUROPROPULSION

Air Liquide Spatial Guyane



Examples of jobs:

- Assembly Operator
- Production and Mechanical Technician
- Operator of Production Facilities
- **Laboratory Engineer of physico-chemical analysis**
- Assembly Technician

I carry out the laboratory tests required to verify the conformity of products and process fluids of the Guiana Space Center for the implementation of satellites and launchers.

✓ *I carry out laboratory tests*

✓ *I direct to processing channels*

✓ *I monitor contamination/cleanliness control of clean rooms, hazardous environments on the Space Center and releases to the environment*

LAUNCHER INTEGRATION OPERATIONS

The launchers arrive in French Guiana in spare parts.
They are assembled and integrated in dedicated buildings

Examples of jobs:

- Operations Organizer
- Ground Systems Electrician
- Fluid Systems Mechanic
- **Fluid and Ground Service Technician**
- Computer Scientist

I am responsible for Ariane 6 campaign operations:

- ✓ *I prepare maintenance operations of fluid and ground organs*
- ✓ *I carry out operations on site*
- ✓ *I analyze operations data collected both in the office and on site and I ensure synergy with the other activities*



SECURITY ENVIRONMENT SAFEGUARD

Protecting people, property and the environment.



Examples of jobs:

- Flight Safeguard Engineer
- Ground Safeguard Engineer
- ***Safety and environmental engineer***
- Security Agent

I define, propose and implement the health, safety and environmental safeguards both during maintenance and operational stages of the installations.

- ✓ *I enforce the laws or standards of the labor and environmental code*
- ✓ *I participate in SPOT field audits and I organize specific security training for the staff of the firms and occasionally for anyone working in the firm*
- ✓ *I participate in the identification of risks and associated prevention/safeguarding actions in connection with the future operation of the Ariane 6 launch complex*

LAUNCH CAMPAIGNS SATELLITE OPERATIONS

Master the means of measurement and communication to control the launcher satellites and maintain a permanent contact throughout the flight.

Examples of jobs:

- Meteorologist
- Technician and IT engineer and Telecom
- Operations Engineer of the upper part
- **Planner and coordinator**
- Telemetry manager

I coordinate and plan activities according to the constraints of co-activity and satellite campaigns.

✓ *I participate in meetings to coordinate activities*

✓ *I ensure that the various constraints related to the activities are taken into account*

✓ *I coordinate operations from the beginning of the campaign to the launch*



QUALITY & METHODS

Monitor the reliability of operational systems and supervise work procedures.



Examples of jobs:

- Quality and Insurance Consultant
- Environment Service Quality Officer
- **Quality contact person**
- Methods Engineer
- Inspector, Controller

I guarantee the quality of the services provided by the operational teams.

✓ *I coordinate the organization and monitoring of operational quality activities on all ARIANE launches*

✓ *I ensure compliance with the objectives and guidelines set by the RTP*

✓ *I lead and train teams*

INDUSTRIAL MAINTENANCE

Perform preventive and curative maintenance of the various facilities of the Space Center.

Examples of jobs:

- Industrial Service Technician
- Electromechanic
- Mechanic
- Refrigeration technician
- Instrument technician



I provide preventive and curative maintenance as well as troubleshooting refrigeration and air conditioning systems.

- ✓ *I carry out physical checks of electrical, aeraulic and hydraulic installations*
- ✓ *I make the optimum adjustment of the equipment and I check the compliance of the installations*
- ✓ *I then proceed to balance aeraulic, hydraulic networks*

INFRA - LOGISTICS- GENERAL RESOURCES

Provide means of transport, restoration, cleaning, maintenance of buildings, roads, green spaces.

Examples of jobs:

- Space Operations Driver
- System Administrator
- Buyer
- Transit Transport Manager (RETT)
- Handler

I am responsible for logistics, transportation and customs clearance of the necessary elements for the launch campaign:

- ✓ *I participate in early campaign meetings*
- ✓ *I ensure that the customer has all the necessary means available in time*
- ✓ *I go to sites to collect equipment*



SUPPORT ACTIVITIES

Manage budgets, plan operations, communicate, manage human resources.

Examples of jobs:

- Administrative Officer
- Head of Human Resources
- Communication and Events Manager
- Communication and External Relations Officer
- Guide



I lead activities and tours of the Space Center for the general public and schools.

✓ *I organize educational activities*

✓ *I accompany the guests during the launches*

✓ *I keep abreast of the news to update my visits*