

# **sysma consulting**

**project management  
systems engineering  
quality management systems  
renewable energy systems**

**consultancy and outsourcing services for  
industries  
international organizations  
government agencies**

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### Company Profile

Our mission is to provide consultancy and outsourcing services to industries, international organizations and government agencies operating in the advanced technology field.

To our valued Clients we offer consultancy and outsourcing services for the following disciplines:

- project management,
- systems engineering,
- quality systems management.

We are committed to promote the rational use of renewable energies for industrial and residential applications. To this end at the beginning of 2012 we started a new service line fully dedicated to the installation and exploitation of renewable energy systems.

Our strength resides in the

- operational flexibility,
- multi-disciplinary expertise,
- professionalism,
- responsiveness,
- geographical mobility,
- in-depth knowledge of the modus operandi of industries and international organizations,
- solid experience in large international space projects.

In particular our interdisciplinary professional know-how is the guarantee that our Clients will enjoy the best results in terms of services' quality to cost ratio.

Our company, established in January 1996, is conveniently located in the Netherlands, close to the premises of the European Space Research and Technology Centre (ESTEC) and to one of the major European airports, giving access to direct connections to the major business hot spots of the continent.

We are equipped with state-of-the-art Information & Communication Technologies (ICT) facilities and software, allowing for effective operation from/to virtually any location.

Where necessary, we operate in partnership with highly qualified free-lances and companies in order to satisfy the demands of our Clients.

## **Project Management**

### **Proposal package**

- Evaluation of request for quotations of the customer.
- Proposal preparation.
- Preparation of request for quotations.
- Evaluation of sub-contractor proposals.

### **Project management package**

- Act, on behalf of Client, as project manager for a specific project or set of projects.

### **Sub-contract management package**

- Manage, on behalf of Client, the work performed by his sub-contractors.

### **Cost and schedule control package.**

- Define and control, on behalf of Client, cost and schedule for a specific project or set of projects.

### **Configuration & documentation control package**

- Establish and maintain, on behalf of Client, configuration & documentation control for a specific project or set of projects.

### **Project management improvement package**

- Assessment of existing practices and identification of required improvements.
- Definition, together with the Client, of the necessary processes and preparation of the relevant procedures.
- Identification, selection and customisation of the necessary tools for schedule, cost and resources control.
- Support the Client during the implementation of procedures and tools.
- Training of personnel.

### **Configuration & documentation control improvement package**

- Assessment of existing practices and identification of required improvements.
- Definition, together with the Client, of the necessary processes and preparation of the relevant procedures.
- Identification, selection and customisation of the necessary tools for configuration control.
- Support the Client during the implementation of procedures and tools.
- Training of personnel.

### **Proposal improvement package**

- Assessment of existing practices and identification of required improvements.
- Definition, together with the Client, of the necessary processes and preparation of the relevant procedures.
- Support the Client during the implementation of procedures.
- Training of personnel.

## **Systems Engineering**

### **Requirements engineering package**

- Review of user's requirements and translation into system requirements document.
- Review of design against system requirements.
- Technical reviews preparation & co-ordination.
- Support for legal arbitration.

### **System configuration/interfaces requirements**

- Establish and control both internal and external interfaces.
- Establish and control the system configuration.

### **Design package**

- Co-ordination of design activities relevant to structural and thermal aspects and to mechanisms.
- Preparation and/or review of relevant technical documentation.

### **Assembly, integration and verification package**

- Co-ordination of assembly integration and verification activities, including schedule definition and control.
- Preparation and/or review of relevant technical documentation.

## **Quality Management Systems**

### **Audit package**

- First, second & third parties audits, against ISO 9000 and/or dedicated Client's requirements (including configuration control aspects).
- Assessment of quality systems against ISO 9000 and/or dedicated Client's requirements.

### **Quality system (ISO 9000) certification package**

- Preparation for the certification audit against ISO 9000, including relevant documentation and tools for information system (necessary for orderly registration of records).
- Support Client in selecting the certification agency.
- Support during certification audit.
- Support the Client during the implementation of procedures and tools.
- Training of personnel.

### **Quality System (ISO 9000) management package**

As **certification package**, plus

- Acting on behalf of Client as Quality System manager for the duration of validity of the certificate (usually three years).
- Preparation for surveillance audit against ISO 9000.
- Support during surveillance audit.

### **Product assurance package**

- Preparation/review of product assurance plans.
- Coordinate product assurance activities for a specific project or set of projects.
- Safety assurance/engineering.
- Independent failure analysis and support for legal arbitration.

### **Quality improvement package**

- Assessment of Quality Management Systems existing practices and identification of required improvements.
- Definition, together with the Client, of the necessary processes and preparation of the relevant procedures.
- Support the Client during the implementation of procedures and tools.
- Training of personnel.

## **Renewable Energy Systems**

### **Design package**

- Feasibility studies for the installation of renewable energy systems based on photovoltaic solar panels and/or thermal solar panels
- Analysis of project financing (incentive and/or subsidies).
- Design of system

### **Implementation package**

- Selection of components' supplier and installation sub-contractor.
- Supervision of system installation/deployment and of its acceptance tests
- Preparation and submission of documentation required for government/public administration incentives/subsidies.

## **List of Clients**

Sysma Consulting delivered consultancy services to:

- Atos Origin Engineering Services B.V.
- European Space Agency (as sub-contractor of AEM Space Systems B.V. and later of AOES Group B.V.)
- Fokker Space B.V.
- Matra Marconi Space (as sub-contractor of Grafton Technology Ltd.)
- European Commission
- Carlo Gavazzi Space
- Kayser Italia

## **Contact us**

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