

SPACE team wishes you a Happy New Year to you and your families!

A WORD FROM THE PRESIDENT

2009 has been a year of consolidation for the SPACE organization and a strengthening of our professional approach to our projects which has now increased to 35.

For 2010 we have ambitious objectives: to reinforce the international position of SPACE by launching projects in other European countries especially in UK, supported by our relationship with ADS (formerly SBAC) and the SC21 program, and in Germany, supported by German tier-1s and a relationship with BDLI, as well as our first German projects.

In France 2010 will see the development of the pull process, this development will be made in relation with the Aeronautical Competitiveness Clusters. Our target is to launch collective projects (training and improvement plans), which would involve at least 50 suppliers.

This development will help our companies to move out of the crisis in such a position to be ready for the next ramp-up.

I wish a Happy New Year to all our members and success for 2010.

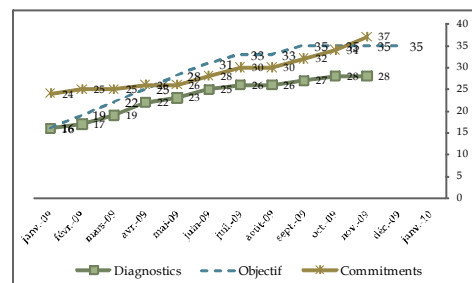
Maurice PERRAULT

PROJECT STATUS – FIRST MATURITY DIAGNOSTICS

During the last two months we have focused on the quality of the projects and have not started new ones. Nevertheless, we have increased our potential number of projects to over 35.

Some of the SPACE projects have more than 18 month's lifetime. The main goal of SPACE is to convey a maturity to suppliers, to make them mature enough to conduct their own improvement processes, and not to provide never ending support. This is why we have developed a specific diagnostic called the Maturity Diagnostic. This diagnostic is still based on the IAQG method, but in this case we pay more attention to the structure and people (are the right people in place in order to pursue the continuous improvement process), and tools (are the right tools and systems in place to support the improvement plan).

These last months we have conducted 2 of these maturity diagnostics and we will conduct 2 or 3 more in the coming weeks. If the conclusion is positive, the Executive Committee may decide to stop the support to the supplier. In case of a negative conclusion, the Committee could decide to continue to support the supplier or not.



NEW EXECUTIVE MEMBER



We are proud to announce the addition of a new Executive Member : Goodrich. They are a leading supplier of systems and services to the aerospace and defense industry. From aero structures and actuation systems to landing gear, engine control systems, sensors and safety systems. Goodrich products are on almost every aircraft.

Over the past years, Goodrich has developed a strong continuous improvement methodology which is one of the three cornerstones of the Goodrich culture. This is therefore a great opportunity for SPACE to gain benefits from Goodrich who have expertise in this area.

By joining SPACE, Goodrich will also benefit from the synergy and common resources for supply chain improvement.

Goodrich will be represented in the Executive Committee by Bernard Lennon, Supply Chain Director.

PULL PROCESS – SPEED UP

SPACE expresses the willingness to be part of, and to accelerate all initiatives to improve supply chain efficiency. For this reason SPACE welcomes the association with regional initiatives in order to support them, to develop collective actions and to act as a transmission between the regional initiatives and the aerospace community.

In this process named Pull, because it is initiated by suppliers and Regions, SPACE will provide training, best practice sharing, and benchmark targets on a collective level. At an individual level, SPACE will support and qualify continuous improvement projects with SPACE teams or qualified consultants.

We have already launched several actions :

- A collective analysis on surface treatment issues which could lead to several actions like training, development of a specific S & O P tool (Sales and Operations Planning), and a study on the opportunity to develop milk runs between customers and sub-contractors.
- Individual actions where SPACE has participated in the diagnostic and the action plan validation and where the action is conducted by the suppliers with little direct support from SPACE.

THE EXECUTIVE COMMITTEE RELOCATES

With the objective of being as close as possible to its members, the Executive Committee has decided to hold some of its monthly meetings in member's facilities.

November's meeting was held at Selha. It was a good opportunity for Selha to demonstrate the effectiveness of the project conducted with SPACE support. The Committee was impressed by the maturity shown by the project team. This has confirmed the maturity diagnostic that has shown that Selha has the structure and capacities to continue their development process on their own and confirms the decision taken by the Committee to stop formal support from SPACE.

For our next Executive Committee, on January 12th, we will be hosted by Sirio Panel in their Montevarchi (It) facility.

RETIRED PROFESSIONAL VOLUNTEERS



For several months SPACE has used the expertise of ECTI. This is an independent non-profit association that was created in 1974 by retired professionals. To-day the association has a total of 3000 experts (former managers or executives), has a 100 representatives and is present in 46 countries. Their purpose is to be part of the economic expansion, to be involved in job maintenance plans and to support emerging countries by economic cooperation.

SPACE has signed a contract with ECTI several months ago in order to provide additional expertise and resources for the projects. ECTI experts are already providing additional support on project management actions and on an action plan initiated by

SPACE.

The support of ECTI experts is free of charge for SPACE Associate members except travel fees which is the responsibility of the supplier. If you think you may need some support from the experts at ECTI, please do not hesitate to contact us.

For more information: www.ecti-vs.org

PEOPLE

We wish a great success to **Tobias Krauss**, who left us by the end of 2009, to take over the family company. Tobias was one of the most active forefathers of SPACE. He will be replaced by Hanspeter Eckert, Director of Procurement, as the representative of Liebherr Aerospace.

We wish also a nice retirement to **Maurice Cornesse**. As active member of GIFAS, Maurice has been of a great support to SPACE, especially in the promotion of SPACE activities. He is replaced by Stéphane Lagnel

RELATIONSHIP SPACE-QUALIFAS – AGREEMENT TO BE SIGNED

An agreement between Qualifas and SPACE is on the way to be finalized very soon. The main objective of this agreement is to assure consistency in the actions conducted with the suppliers. The main characteristics of this agreement are :

- Qualifas and SPACE will use the same tools which are those defined by the IAQG (International Aerospace Quality Group) in their SCMh (Supply Chain Management Handbook)
- The auditors authenticated by Qualifas and by SPACE will be qualified based on the same skills requirements
- Qualifas identifies processes that need to be reinforced (supplier assessment) and SPACE supports the supplier in its improvement plan implementation (supplier development)
- Qualifas and SPACE will coordinate their program in order to avoid duplication of assessments in the same period.

This agreement is to be signed by both parties in January 2010.

EVENTS – A DAY DEDICATED TO NON CONFORMITIES TREATMENT

At the end of November a special experience sharing day was organized by SPACE in Blagnac, in an amphitheater kindly provided by ATR.



The subject of this event was Non-Conformity Treatments. After a professional presentation of the regulations and norms by François Baudoin from Dassault Aviation, Bernard Lauras (Airbus) presented the problem solving methodology developed by the IAQG, in the Supply Chain Management Handbook. Then Bernard Allamargot showed a practical application and its success within the Continental organisation. In the afternoon, we had a concrete and specific method, the Quality Clinic developed by Ratier-Figeac and presented by Eric Briat. Finally Joachim Wendel, from Böhme & Weihs presented an example

of a software information tool developed to support these initiatives.

More than 35 people attended the different presentations. All of them found this event very interesting as noted from their evaluation comments.

We plan to organize another experience sharing day during the second trimester. This time it will deal with Supplier Performance Management, or How to manage your supplier base efficiently.

NEW MEMBERS

Associate members:

We are pleased to welcome our new associate members:

LEACH INTERNATIONAL EUROPE
(Esterline Power Systems), located in Sarralbe (Eastern France), develops and manufactures electromechanical switching devices for severe environments, Power Distribution Assemblies (including sensing and protection), and on board Human-Machine interfaces (aerospace and railway applications).



TRAINING – ON THE RAMP-UP

This trimester has seen an important training activity at SPACE.

One group has undertaken the BASICS certification. This group was kindly hosted by Aubert & Duval in their Clermont-Ferrand offices. The group took the exam at the beginning of December and we do not have the results yet. According to the instructors, this was an interested and well-studying group, so no doubt the pass rate will be high.



SIRA is an industrial group expert in prototypes, development and manufacturing of highly technical critical parts and sub-assemblies for engines, landing gears and hydraulic systems. Risoud precision, Benar, Delage Aero

Industries and Sadam are part of the group. The group realizes 90% of its activity in the aerospace industry, and employs 300 people in Paris, Aubigny (Center of France) and Cholet (Western France).



Aerosys is a group whose headquarters are located in Houdan (west of Paris). Aerosys is specialized in designing and manufacturing hydraulic, pneumatic and electro-magnetic equipment. The main entities of the group are SERMM (high precision mechanics), and Hanier

Plaisance, a subcontractor in surface treatments. Aerosys employs around 160 people.

» [more information on our website](#)

In December, we launched our two first sessions in lean initiation. For this initiation, we have acquired a simulation and presentation kit developed by Agilea (Philippe Bornert). Creuzet Aeronautique was volunteer to run the pilot session. 30 people participated in these training sessions, one third being experts for a "train the trainer" session. We are now ready to spread this program out to any associate member.

During September, SPACE organised a nine-day session on **Green Belt Six Sigma**. The training was conducted by Valérie Le Couedic from Euro-Symbiose. All the participants succeeded in the final test, so we were proud to deliver them a nice diploma that they will be able to display and use in their respective companies.



Congratulations to our laureates. From left to right : Michael Jacquaniello (Zodiac), Filippo Signorini (Sirio Panel), Malcom Herrington (Eaton), Valerie Lecouedic (Euro-Symbiose), Jano von Zitzewitz (Eurocopter), Fabrice Soullignac (Thales), David Wahl (Creuzet), Geneviève Gonin-Lanès (Dassault), Ouided De Heulme (ATR) and first row : Vincent Guillon (Creuzet), Chidkae Serville (SPACE), Fabien Poinzu (Tronico) and Christophe Arnal (Zodiac).

During the first trimester, we will start another green belt six sigma session.

The schedule of our training and events are available on our website (<http://www.space-aero.org/page/training/>) For all specific initiation sessions (lean, MRPII, project management), please contact us.

» [more information on our website](#)



Non-profit association

SPACE™

Tel +33 5 61 31 07 66

Web site: www.space-aero.org

Contact: c.serville@space-aero.org