

Monday 28 june 2010

Friday 2 july 2010

Monday 5 july 2010

30 august 2010

October 2010

Salle C 109

Amphithéâtre Blaise Pascal

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Master of Science in **Industrial Engineering** and management of logistics and production systems (MLPS)

Monday 28 June 2010 / salle C 109

10h



Valeo

Sidi HAIDARA (Ivory Coast)

Valeo Services [Saint-Denis, 93, France]

Materials Planning and Production Control Supervisor.

Valeo is an independent industrial Group fully focused on the design, manufacture and sale of components, integrated systems and modules for cars and trucks. The group employs 51,200 people in 27 countries with 121 plants, 61 R & D centers and 10 distribution centers. He realizes a turnover of 8.8 billion euros. Valeo Service markets, on the replacement market, products and systems of the ten industrial branches of the Group. The Branch extends its activities in all parts of the world, across all distribution channels specializing in the repair and maintenance of cars and trucks. Valeo Service has two interfaces with commercial teams dedicated to their markets and their customers. A team is dedicated to the independent aftermarket (dealers, repair shops, auto centers) and the other at the OES (dealers). In the context of increasing flows between a subsidiary of Valeo and especially to satisfy its customers that this course has been proposed. The main mission of this course are:

- Driving the action plan cuts CBO Inter-VS
- Creation of a tool with ACCESS to manage the forecasts of the customers

11h



L'ORÉAL
Cosmétique Active

Imane OUNASSAR (France)

L'Oréal Cosmétique Active [Asnières sur Seine, 92, France]

Supply Chain Client-Driven Cost Analysis.

For the past century, L'Oréal grows his activities in the beauty industry and cements its position as the world's leading Cosmetics Company. The activity of Cosmétique Active, one of the 4 entities of L'Oréal, is organised around 5 brands namely La Roche Posay, Vichy and Roget & Gallet for the most famous.

My task is to participate to projects related to Customer Care and Supply Chain performances.

The customers, mostly pharmacists in our case, request more and more adapted services to their business. For that, we conduct a survey to measure their satisfaction level and identify opportunities of improvement. The aim of the project is also to set up adapted services and to monitor cost indicators of Supply Chain related to customers.

Linked to Supply Chain issues, the non quality operations are key to analyse. Therefore the second part of the project is to provide a clear vision of non quality operations in Europe in order to build action plans to reduce it.

14h



 **BOSCH**

Joanna F. VERA ESQUIVEL (Mexico)

Robert Bosch France [Mondeville, 14, France]

Strategic Indirect Purchasing Process Optimization.

The Bosch Group is a leading global supplier of technology and services among the automotive, industrial technology, consumer goods, and building technology areas. Robert Bosch (France) SAS - Mondeville (MoP) is a lead plant for automotive electronics and a support of locations in China (RBAC), Hungary (RBHH) and Mexico (JuP) employed approximately 1000 people. MoP clients are Bosch group divisions as well as car manufacturers.

The purchasing department at MoP plays an important role inside MAT (Materials Management) division which linked with some other activities pursues the planning, procuring and delivering of internal and external products, in the objective of plenty customer satisfaction, high quality levels, costs and delivery times accomplishment. The purchasing processes optimization as the matter of the performed internship encloses a wide scope of activities which are defined as the following objectives.

- Development of procurement strategies between RB-France and the Automotive Electronics Division in order to smooth the progress of indirect purchasing department daily performance, obeying environmental and security aspects.
- Handling of suppliers' development program.
- Accurate identification, evaluation, ranking and activity mapping of potential suppliers.
- Precise analysis and evaluation of current and further contracts.
- Elaboration of pre-contract negotiation action plan.
- SAP parameterization and update supplier's portfolio data base generation.
- Kick-off monitoring and data analysis.
- Optimization of orders delivery.
- Improvement of the communication and service between R. Bosch and suppliers.
- Indirect purchasing data arrangement.

Those activities contributes to the improvement of PUR3 indirect purchasing department process in order to face actual challenges and straightforward to department goals.

Friday 2 July 2010 / Amphithéâtre Blaise Pascal

11h



gemalto
security to be free

Lorena GUEVARA GUADARRAMA (Mexico)

Gemalto [Gemenos, 13, France]

Implementation of a new planning process that ensures quality and efficiency.

Gemalto came up from the merger between Gemplus and Axalto. The company is WW leader of smartcards technology as well as in digital security.

Furthermore, Gemalto at the Gemenos plant produces: Telephonic SIM's cards, Passport security devices, and chip cards such as: Telephone cards, bank cards, transport cards.

The WW operations of Gemalto are supported by the Processes & Operational Efficiency organisation with the mission of implementing Gemalto's strategy through: Company performance tracking, improvements in shareholders revenues and customer loyalty, and finally through plans that ensure a simple and an efficient way o Gemalto's running.

In addition, as part of the Forecast to Plan team, which is focused on: Supply chain sourcing, Supply Process, Order to Invoice Process, Data Governance and Planning; I got the missions of:

- Implementing an efficient planning process
- Managing key Data for the Planning process
- Supporting the planning process through new tools developments as well as implementing improvements on the existing tools.
- Ensuring quality and efficiency of outcomes and lead times.

14h



Neida E. CANCINO ROJAS (Venezuela)

Henkel [Dusseldorf, Germany]

Trader Triathlon Global Distributor Project.



Henkel is a leader with brands and technologies that make people's lives easier, better and more beautiful. In 2009 Henkel got several awards for being the most sustainable company. People around the world trust in products and solutions from its three business areas: Home Care, Personal Care and Adhesive Technologies. To be able to offer the best quality products, original solutions and keep their leading position, Henkel has to be innovative and efficient from an operative and financial point of view in their end-to-end supply chain.

Henkel is continuously improving their raw materials sourcing and supplier's management. Within this frame the «Trader Triathlon» project is focused in the early processes of the supply chain, but with a great operative and financial impact in the whole supply process:

- The strategy of the "Trader Triathlon Global Distributor Project" is the reduction of the tail end of small raw material suppliers by consolidating the distributors and small producers. This is done by shifting their business to selected core distributors globally. These preferred distributors are then part of Henkel's general supplier relationship management program.
- The scope involves all raw materials and their suppliers in all regions for all three business units Henkel is operating.
- The objective of the project is the sustainable reduction of complexity within the supply chain and a more efficient management of the tail end with less cost and less risks. The internship supports relevant operational parts in the global steering and controlling of the project as well as in the regional consolidation of distributors for Western Europe.

Monday 5 July 2010 / Amphithéâtre Blaise Pascal

9h



ADITHYA (India)

Valeo Systemes [La Verriere, 78, France]

Industrial engineering and supply chain planning mission.



VALEO is one of the largest automotive system suppliers in the world and have their presence in over 120 sites, 61 R&D sites and 10 distribution platforms, spread across 27 nations. Valeo has 4 primary divisions based on product families. Comfort and driving assistance systems, Powertrain systems, Thermal systems, Visibility systems.

The internship proposed is in the front end modules division of Valeo engine cooling. The main missions of the internship are

- Driving industrial engineering for Nissan D project.
- Valeo engine cooling Japan inventory reduction plan.

10h



Fernando VARELA DAVILA (Mexico)

L'Oreal [Marly-La-Ville, 95, France]

Supply Chain Optimization.



L'Oréal is the worldwide leader in the cosmetic industry being the one of the most influential and respected French companies in the world with presence in over 130 countries, 23 brands and 1 century of expertise in creating beauty products for the entire global population.

In the operations, L'Oréal is an industrial group that produces and distributes 4.5 billion products each year in a high performing environment, highly technological and with extreme variety. From the factory to client, the Supply Chain operations within the group are strategically divided into five main distribution zones around the globe in order to be able to distribute the products of its four business divisions (consumer products, luxury products, professional products and active cosmetics).

In the supply chain optimization industrial internship project that is developed in the division of consumer products; the main objectives are:

- To study, create and optimize the entire supply chain scheme of a particular brand from the division ensuring the proper functioning of distribution from suppliers to customers (quantity, time and quality) as well as customer service.
- Put in place indicators and monitoring tools to ensure the level of performance in the entire supply chain.
- Optimize the stock levels by the correct parameterization of covertures of stock, production lead times, quality performance, and life cycle of the product utilizing the Materials Management Module of SAP and Business Intelligence Tool of SAP.
- Put in place the use of best practices for logistics by improving the efficiency of information exchange between the supply department and subsidiaries and by minimizing the risk of failure for the subsidiaries through a better understanding of the procedures.

11h



Awin PURUHITA (Indonesia)

Airbus [Toulouse, 31, France]

Lean Manufacturing Implementation for A340 Cockpit Panels Manufacturing



Airbus is a leading aircraft manufacturer that consistently captures around half of all orders for airliners with more than 100 seats. The site Louis BREGUET in Colomiers (Toulouse) houses Centre of Excellence (CoE) Electricity Manufacturing which manufactures Visual Unit (VU) and electrical systems for all of the aircraft families (single aisle family, long range family, military airlifter A400M, extra large aircraft A380) including its maintenance and logistics activities. Currently, CoE Electricity Manufacturing is organized in a combination of push and pull production system. As a result, it has been suffering on excessive intermediate inventories within the process, and sometimes there were excessive finished goods inventories piled-up in the delivery station waiting to be delivered to customers. It was common to stop production lines for few weeks when there were huge finished goods waiting in the station. Therefore, the proposed project is to implement Lean manufacturing technique into the Cockpit panels A340 manufacturing line, with respect to tight and unsmooth demand rate from customers. The project should consider alternatives for the new production planning technique, load smoothing workload and the new takt time implementation with regard to demand and production capacity. The ultimate goal of the project is to reduce inventory and product lead time.

Monday 30 August 2010

10h



Tao GU (China)

Magneti Marelli [Chatellerault, 86, France]

Implementation and Control of Automatic Planning with SAP.



Magneti Marelli is an international company committed to the design and production of hi-tech systems and components for the automotive sector. Magneti Marelli France deals with automotive electronics, including instrument clusters, Full Multimedia, Navigation. With the development of automotive industries, the requirements of customers and innovation of surroundings are increasing. Meanwhile, the pressure of competition and responsiveness in services impact the performances of supply chain. So how to reduce costs and improve capacities becomes the main challenge of ERP [SAP]. By integrations and optimizations the automatic planning module the SAP system, Magneti Marelli strengthens successfully the collaboration and coordination in service, reduce the cost in transportation and the volume in stocks, and empowers the competitiveness in supply chain management efficiently.

11h



Paola FUENTES (Colombia)

Vale Mining [El Hatillo, Colombia]

Implementation of a Planning System in Railway Operations.



Vale Colombia is part of Vale Group, a pioneer in the mining industry, which works to transform mineral resources into the essential ingredients. The site in Colombia produces coal; the value stream includes mining, rail transport to port and load coal to vessel.

The purpose of the internship is to optimize the railway cycle, in order to reduce time, organize activities and resources and to reach a standard while getting the optimal stock level in mine and port keeping the service level.

To fulfill the objectives the project is divided in two missions:

- To set up the actual railway cycle and activities in Colombia; decreasing total time.
- Benchmark the procedures in railway's Vale Brazil in order to apply them in Colombia and be acquainted with from experts.

October 2010



Vasu BATCHALA CHANDRAIAH (India)

ETAS Group [Stuttgart, Germany]

Global Marketing Strategy Intern.



Manuel LORCA MONTOYA (Spain)

HP [Grenoble, 38, France]

Implementation of Supply Chain Trio Bundles Project.

