

27 June 2011	Amphithéâtre Jean Teillac
30 June 2011	Amphithéâtre Jean Teillac
4 July 2011	Amphithéâtre Georges Charpak
1 September 2011	Amphithéâtre Georges Charpak

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

Monday 27 June 2011 / Amphithéâtre Jean Teillac

10h



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Your technology partner

Maite LOPEZ SOSA (Mexico)
Amadeus [06 Sophia-Antipolis, France]

Amadeus is a leading transaction processor for the global travel and tourism industry, providing transaction processing power and technology solutions to both travel providers and travel agencies. The Amadeus Revenue Management System provides hotels with recommendations which will help them sell the right product to the right customer at the right time for the right price in order to optimize their revenue.

The main objectives of the internship are:

- To assess the accuracy of the forecast in which the revenue optimization is based
- To find the main causes of forecast error
- To propose an action plan to reduce inaccuracy

The project will allow the ARMS to have a more solid forecast of the hotels' demand and therefore improve the optimization process and the end user's revenue.

11h



Diana JIMENEZ LOPEZ (Mexico)

Total [64 Pau, France]

Internship at Procurement Know-How for Exploration and Production branch: KPIs and Supply Chain Processes.



Total is a French multinational oil company, one of the six largest oil companies worldwide ("Supermajors"). Its activities are divided in three sectors: Upstream (Exploration and Production, Gas and Power), Downstream (Refining, Marketing and Trading) and Chemicals.

The internship takes place in the Procurement Know-How team, part of the Contracts and Procurement area (C&P) in the Exploration and Production branch (E&P).

The responsibilities as an intern have impact on two different projects. The first one is related to Key Performance Indicators (KPIs) for C&P. The main activities are to analyze every quarter the KPIs with the affiliates, retrieve and verify the values through SAP BW, consolidate them by affiliate size and geographical area, and finally conduct a trend analysis and recommend improvement actions.

The second project is the implementation of the "Supply Chain Fundamentals" in E&P. The main activities are to support the definition of the processes (activity level) and prepare the corresponding Know-how sheets, which set the best practices for each step of the C&P processes.

This internship supports Total to improve C&P performance in the operational teams (worldwide affiliates).

Thursday 30 June 2011 / Amphithéâtre Jean Teillac

10h



Safayet RAYHAN (Bangladesh)

Lactalis Nestlé [53 Laval, France]

Reduction of loss of materials in yogurt production (Packaging).



LNUF (Lactalis Nestlé Ultra Frais) is a joint venture between Groupe Lactalis (60%) and Nestlé (40%), a producer of chilled dairy products. The production site in Laval is entirely dedicated to produce set and stirred yogurt for a number of retail distributors (Both in France and outside France) and also for the company's unique brands (Lactel, Nestlé). In 2010 the production site in Laval produced 93,000 Tons of product: 18% Lactalis-Nestlé brand, 41% French distributors' brands and 41% other European distributors' brands.

This internship project is based on improving the performance of a production line within the packaging department of the plant. The focus is to reduce the loss of materials (Natural yogurt & fruit preparation) during the transition between two production series. Reduction of materials loss on the production line should ultimately allow for cost saving and increased productivity through diminishing the production series switching time.

11h



Alfredo AVILA (Mexico)

Adidas Group (Herzogenaurach, Germany)



The adidas Group is a global leader in the sporting goods industry, owner of the brands adidas, Reebok, TaylorMade-adidas Golf; Rockport and CCM-Hockey; which offers a broad portfolio of products: footwear, apparel, accessories, golf equipment, metalwoods, irons putters, casual and outdoor footwear, hockey equipment, respectively. The group's strategy is simple: continuously strengthen the brands and products to improve the competitive position and financial performance. Activities of the company and its around 170 subsidiaries are directed from the Group's headquarters in Herzogenaurach, Germany. At the end of 2010, the adidas Group employed 42,541 people.

Global Operations (GOPS) teams make sure products are created, tested, commercialised, mass produced and shipped to over 70 countries around the world. GOPS is sit in the middle of the flow of product to the consumers in Wholesale and Retail. Supply Chain Management (SCM) ensures product is available at the right time at the right place in the right quantity. It works with the customers (the sales subsidiaries) to understand their service requirements, gain insight into the service performance, arrive at a joint plan for success in the marketplace and offer relevant and credible solutions to them.

In the Strategy and Projects team, the main objectives of the SCM EMEA consolidation internship are:

- Benchmark, analyze and improve the some dashboards that allow track the performance of GOPS in the wholesale European markets, according to the main following KPIs:

. TIF (On Time, in Full), that tracks whether units are delivered to the external customers' premises within 15 days after requested date, comparing the requested vs. the actual confirmed delivery dates and order quantities, respectively.

. TA (On Time Allocation) is an indicator of the delivery potential based on product availability. It gives the percentage of order quantity allocated on or before requested delivery date (on SKU level) according to customers need.

- Support the Operations teams from the different markets across EMEA to identify and share the practices they are applying to improve their performance.

- Consolidate information about the flow of goods (inbound, outbound) in the Distribution Centers (DCs) of the company.

10h



Henry ANDRES ZAPATA (Mexico)

Gemalto [13 Gemenos, France]

Trader Triathlon Global Distributor Project.



Gemalto is a world leader in the design and production of smartcards and digital security. The activities of Gemalto includes the development of secure personal devices such as smart cards, SIMs, e-passports, and tokens for different services like telecommunications, financial services, security products for companies, government and transport.

The WW monthly report is a gathering of all the information coming from corporate suppliers of Gemalto in transport activity, which is then validated by Gemalto Sites. Once the information is consolidated, Key Performances Indicators are created in order to reach an improvement in terms of data visibility and costs reduction in transportation. The objective of the project is to participate actively with the development of KPI's and manipulation of the main company system of transport information called TMS (Transport Management System), besides of being in constantly contact with all the process of transport activities, suppliers and also production sites shipping teams. Therefore, the main tasks of the internships consist in:

- Development of a VBA tool which allows cleaning the information found in the reporters of the suppliers of the company. Also elaboration of KPI's, extracting of the reports the most relevant information to built them.
- Find improvement opportunities to make the report analysis and KPI's preparations easier.
- Perform improvements in the TMS (TQT – Transport Quotation Tool) back-office data set-up in order to increase its ad equation to Gemalto sites' needs.
- Support in the WW deployment of TQT (Handle change management).

11h



Adriana CUBILLOS (Colombia)

Gemalto [13 Gemenos, France]



Gemalto is the world leader in digital security providing solutions for mobile connectivity, identity and data protection, credit card safety, health and transportation services, e-government and national security.

Purchasing Transport in Gemalto is managed in a corporate level. They set a 3 years contract with World Wide suppliers in 4 different scopes: Non Secure, Secure, Integrators and Logistic Platform. This partnership with few companies is established to provide a worldwide network with reliable and high quality services, offering competitive prices and optimizing the transport budget. To achieve this, the main objectives are:

- Help in the Tender purchasing process with the evaluation and selection of suppliers.
- Analysis and evaluation of costs, transportation conditions and shipments for decision making within the Transport Department.
- Load into the Transport Management System (TMS) the Suppliers quotations, new routes and actualization of tariffs to provide the best service to the Gemalto sites. Get reports and help in the results analysis.
- Develop a tool to have a monthly analysis of Fuel Surcharge costs, an important item for the transportation budget.
- Contribute with the launch of the TMS for the Secure Transport. (Parameterization, routes, suppliers' quotations).

11h



adidas
GROUP

Juan JOSE FRAUSTO (Mexico)
Adidas Group [Herzogenaurach, Germany]

The adidas Group is a global leader in the sporting goods industry, owner of the brands adidas, Reebok, TaylorMade-adidas Golf; Rockport and CCM-Hockey; which offers a broad portfolio of products: footwear, apparel, accessories, golf equipment, metal woods, irons putters, casual and outdoor footwear, hockey equipment, respectively. The group's strategy is simple: continuously strengthen the brands and products to improve the competitive position and financial performance. Activities of the company and its around 170 subsidiaries are directed from the Group's headquarters in Herzogenaurach, Germany. At the end of 2010, the adidas Group employed 42,541 people.

For adidas Footwear products, we are looking at the utilization of our FTW tooling capacity for the special Footwear projects as well as at the factory capacity as a whole. We identify critical projects within our monthly product reviews and work closely together with our factories, Marketing, Development and Costing to find appropriate solutions in case of bottlenecks. Further, we are in close contact with our customers regarding demand evaluation and optimization of their order placement.

The team provides different kinds of Reports to the Business Units and factories supporting the critical product review and the capacity utilization at tooling level, production line level or factory level.

For adidas customized products, the team is looking over the complete supply chain, starting with the forecasts from the markets until the actual delivery of the product to the customer and making sure everything runs as smooth as possible. We are in close contact with factories, Marketing as well as our adidas markets in the countries to guarantee we have enough capacity and material available in our factories. Another main responsibility is the reporting function in which we are analyzing our latest business developments. Being part of a big cross-functional team our expertise is also constantly needed for ongoing business expansion or improvement projects. Last but not least we own the miadidas Planning application which we are constantly improving to meet future business requirements.

The main objectives of Project Footwear Planning Internship are:

- Backward- and Forward Looking Reporting: creation and improvement of these reports for better analysis of the forecast towards the past and the future for improvement to all factories and customers on a monthly base.
- S&OP Reporting: the creation of a Report for Sales & Operations where the accuracy of the forecast and the Orders can be better analyzed and improved, on a monthly base
- MIP: Owner and administrator of the Forecasting Tool for Footwear in adidas, administrate users, model clean up and apply new changes to the system.
- Microstrategy: implementing a Change request to the different reports for improving them with the help of IT Support and filling up the Report Specification Sheets.
- Support Customization Projects from a Planning and Forecasting Perspective: support in upcoming new projects such as:
 - Next Gen
 - Asia e-com
 - Apparel Integration
 - B2B