

# eNEWS

N°5 - JUNE 2012



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# DEAR READERS



this issue holds great significance for me because not only it is **World Environmental Day 2012**, **eNEWS** is celebrating its first birthday.

Yes, with this fifth issue we've reached an important milestone for our magazine, which is jam-packed with information thanks to your increasing participation. Environmental awareness is growing in our company... and this can be seen in small everyday gestures.

I'd like to highlight that this issue's cover is courtesy of an exceptional photographer: our Senior Vice President, Mr. Sabatino De Sanctis. I happened to come across this photo by chance. It was perfect for this special issue and despite some initial hesitation, I just had to ask for it. The focus of these pages is on World Environment Day, the internationally-recognized event which is celebrating its 40<sup>th</sup> anniversary.

The 2012 theme for World Environment Day is: **Green Economy: Does it include you?**

The UN Environment Programme defines the Green Economy as one that results in improved human well-being and social equity, while significantly reducing environmental risks and ecological scarcities.

In its simplest expression, a green economy can be thought of as one which is low-carbon, resource-efficient and socially-inclusive.

In fact, it's not a coincidence that the concept is closely linked to the 5<sup>th</sup> Topic of the Environmental Awareness Campaign, currently being launched worldwide: **"Reduce your ecological footprint"**. In fact, the word 'footprint' is used generically to refer to human impact on the planet. In other words, the ecological footprint may be considered as the measure of humanity's demand on nature.

The idea behind the promotional material for the 5th Topic has a two-pronged approach: on the one hand, it emphasizes how each one of us can reduce our footprint on the planet, on the other, it brings to light studies concerning projects where Saipem was able to reduce its footprint in a significant way, even after executing activities of a potentially strong impact. Before I leave you to your reading, I'd just like to highlight that 2012 was declared **International Year of Sustainable Energy for All** by the United Nations. This year Saipem is embracing this cause by adopting energy-saving initiatives directly connected to the reduction in greenhouse gas emissions in the atmosphere.

This is also why these themes took on great importance in this issue.

So now, enjoy your reading,  
and on the occasion of World Environmental Day, stop for a moment and think about what you can do or what you can suggest to Saipem in order to continuously reduce our footprint!

Chiara Petrella  
Corporate Environmental Manager

## COVER

Picture: Sabatino De Sanctis,  
QHSE Senior Vice President

## THE FOLLOWING COLLEAGUES CONTRIBUTED TO THIS ISSUE:

### Articles

Artyemova Sofya  
Bacchetti Alessandro  
Banguissa Land Garel  
Bernardelli Chiara  
Carfa Giuseppe  
Cattaneo Marco  
Fernandez-Prada Janette  
Kim Vadim  
Medeiros Rosalie  
Rega Flavio  
Ureche Trifu Irina

### Pictures

Agnello Federica  
Alghisi Carlo  
Cesare Luca  
Bernardelli Chiara  
Banguissa Land Garel  
De Sanctis Sabatino  
Medeiros Rosalie  
Peter Uko  
Romano Luigi  
Salustro Stefano  
Ureche Trifu Irina

## eTEAM

Carlo Capalozza  
Chiara Petrella  
Maria Josè Scalia  
Mariana Robu  
Pierluigi Nunzi

## TRANSLATION

Translation Dept. - Saipem S.p.A.

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# ISO 14001 & OHSAS 18001 CERTIFICATIONS ARE EXTENDED!!!



In March 2012, the scope of the **ISO 14001** and **OHSAS 18001** certifications was extended to include Saipem's Corporate activities and the management of the company's office buildings throughout Italy.

The third party audit was carried out by DNV (Det Norske Veritas) in the second half of March and was positive, identifying only two non-conformities (of minor importance) and a series of remarks and observations made for the purpose of ensuring the continuous improvement of the integrated HSE management system.

DNV was complimentary about - and formally underlined as an aspect worthy of mention - **“the initiatives planned by the organization to reduce CO2 emissions by distributing aluminium bottles as an alternative to plastic bottles and its communication and awareness campaign to reduce energy consumption (electric**

**energy and water consumption)”**.

The audit's positive outcome has also made possible the extension of the existing certificates attesting compliance of the following activities with the requirements of international standards ISO 14001 and OHSAS 18001:

- “Policy, planning, coordination and control activities for the Business support processes: human resources management, training and development, procurement of services and materials, internal controls and audits, company organization, general services, legislative compliance and Legal Affairs and Sustainability;
- Management activities at the San Donato Milanese headquarters and the office buildings throughout Italy”.

This last important milestone not only confirms Saipem S.p.A management's continuous commitment to HSE issues but proves the extent to which HSE continues to be an integral part of our modus operandi.

Continuing with the previous approach, in light of the company's complex organization and in order to facilitate its overall management, Saipem S.p.A's certification consists of **2 Master certificates** (one for the environmental aspect, ISO 14001, and one for Health and Safety at the Workplace, OHSAS 18001) and **8 Child Certificates** (also divided into four Child Certificates relating to the environmental aspect and four for Health and Safety at the Workplace).

At the present time, the **4 Child Certificates** (8 considering both ISO 14001 and OHSAS 18001) cover:

- The activities carried out by the Engineering & Construction Business Unit;
- The activities carried out by the Integrated Projects (PRIN) Unit;
- Corporate activities;
- The management of the San Donato Milanese headquarters and the office buildings throughout Italy.

All that remains to be done is the planned extension to the **Drilling Business Unit**, which is expected to take place by the end of this year. This final step will complete the process of extending the ISO 140001 and OHSAS 18001 certification to the whole of Saipem S.p.A.



Master certificates ISO 14001 & OHSAS 18001



## BREAKING NEWS NEW OFFICE BUILDING IN ROME

Saipem's offices in Rome have grown, with the addition of a new Office Building just a stone's throw away from the old one. Work on the building, rented from the same owner as the old one, was completed in 2011. Built in the 1980s, it was redesigned and converted according to more modern criteria and today's stricter legal requirements regarding energy efficiency and saving natural resources. The building has three floors reserved for archive storage, an underground car park and seven floors for office use. The main entrance of the building faces a large square with a fountain and a green area with saplings that will grow into medium-size trees. Energy-saving features such as ventilated walls, large, continuous triple-glazed solar-

controlled windows and a vertical greenhouse have been installed to ensure a more efficient use of resources. Water-saving initiatives have also been promoted such as dual-flush toilets, sensor-activated taps and harvesting systems for rainwater, which is then used for irrigation, washing paved areas and filling toilet cisterns. Aesthetically speaking, the building blends in perfectly with the new constructions in the area.



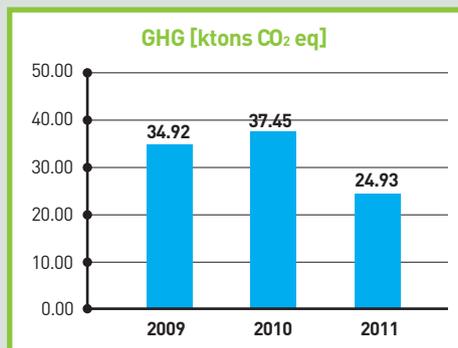
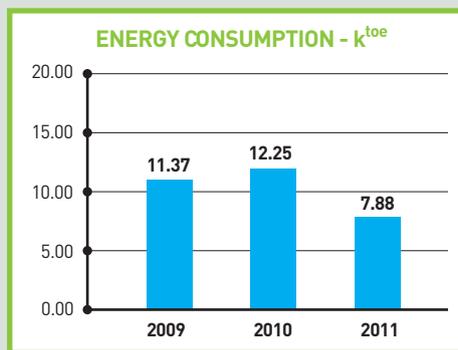


# INSTALLATION OF AN ELECTRICAL POWER NETWORK IN ERSAL



Saipem operates in Kazakhstan through a number of different companies, such as Saipem Kazakhstan Branch and ERSAL. ERSAL was founded in Aktau in September 2003 and began its investment activities in the construction of fabrication yards in Kuryk on the shores of the Caspian Sea. Today, ERSAL is the leading company in the region of Mangystau and the ERSAL yard in Kuryk is a fully-equipped construction base with fabrication and personnel accommodation facilities. One of the most important environmental initiatives implemented in ERSAL in 2011 was the installation of a public power transmission line from the yard to the village of Kuryk.

The results of installing the public transmission line can be seen below:



- a 33% reduction in atmospheric emissions in 2011 compared to 2010 (-12,520 tonnes CO<sub>2</sub>);
- improvement in air quality;
- reduction in diesel leaks from activities involving diesel generators;
- reduction in the high level of noise produced by the generators;
- a 57% reduction in the atmospheric emission rates in 2011 as compared to 2010. (As per RoK - Regulations of Kazakhstan).

In order to have a better understanding of the situation and be able to compare the amounts of CO<sub>2</sub> not produced directly in the field, an equivalence test will be carried out using the same number of cars as it takes to produce the same amount of greenhouse gases. The results show that a car with a medium sized engine (1600 cc) being driven approximately 18,000 km a year produces around 2.27 tonnes of CO<sub>2</sub> a year.

After installing the power transmission line, ERSAL no longer produces in the region of

12,520 tonnes of CO<sub>2</sub> in the field.

If we compare the figures, we can see that **the CO<sub>2</sub> not being produced in the ERSAL Yard is equal to the ANNUAL amount produced by around 5,515 cars.**

**No. of cars = 12,520/2.27 = 5,515 cars**

Below is an illustration of the method used by Saipem to estimate the greenhouse gases produced by purchased electricity (indirect emissions). It has to be said that this type of evaluation is not, at the present time, a requirement of Corporate Criteria (CR-COR-HSE-075-E).

The equation used is:

$$E(\text{GHG}) = EP \cdot EF(\text{GHG})$$

Where:

E (GHG): GHG emissions [kg]

EP: purchased or consumed electricity [MWh]

EF (GHG): emission factor per electricity consumption [kg/MWh]

Following the installation of the power line, the electrical power consumption is measured via bills. Indirect emissions are therefore calculated taking into consideration only the amount of electricity purchased and consumed within the company structures. Transmission and distribution losses are not taken into consideration.

In order to estimate the emission of greenhouse gases from purchased electricity, three different levels of study can be applied.

- **tier 1:** first level of study using a value based on a global average as an emission

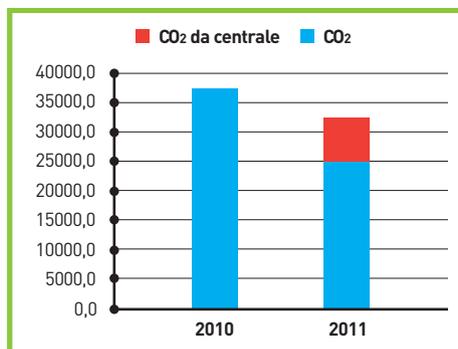
factor (data from reference literature);

- **tier 2:** second and more in-depth level of study. The average emission factor is based on the type of technology used by the country in question (data from reference literature);
- **tier 3:** If the electricity is purchased directly from a known source, the emission rates from that particular plant could be used to estimate the indirect emissions due to the purchase of the electricity (data possibly to be obtained from the power station that supplies the electricity required by the field).

With reference to tier 1, the energy purchased in 2011 after the power line was installed was approximately 15,027 MWh.

$$E(\text{GHG}) = EP \cdot EF(\text{GHG}) = (15,027 \cdot 508) / 1000 = 7,634 \uparrow \text{CO}_2$$

Table 1 shows the comparison between the years prior to and following the installation of the power line.



**Table 1:** Comparison of CO<sub>2</sub> production between the years 2010 and 2011 in kg CO<sub>2</sub> per kWh produced. For purchased

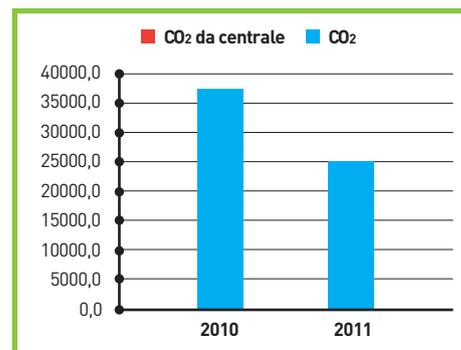
electricity, an "international average" emission factor is used which provides indirect emissions.

Note that the CO<sub>2</sub> not produced globally is the difference between the values of 2010 and the total values of 2011. This difference corresponds to approximately 4,880 tonnes.

If we apply this measure in a country such as Norway where a large part of the energy is obtained from renewable or nuclear sources, the rate of CO<sub>2</sub> produced per kWh falls drastically to 5 g/kWh.

Performing a simulation for the case of Norway we can see how for the same amount of electricity acquired from a power line, the indirect emissions are:

$$E(\text{GHG}) = EP \cdot EF(\text{GHG}) = (15,027 \cdot 5) / 1000 = 75 \uparrow \text{CO}_2$$



**Table 2:** Comparison of CO<sub>2</sub> production between the years 2010 and 2011 in kg CO<sub>2</sub> per kWh produced. For purchased electricity, a "Norway" emission factor is used which provides indirect emissions.

05<sup>TH</sup> JUNE

# WORLD ENVIRONMENTAL DAY 2012



**World Environment Day is an annual event aimed at being the biggest and most widely celebrated day for positive environmental action. World Environment Day is celebrated on 5 June every year, involving everyone, everywhere.**



**1972-2012:**  
Serving People  
and the Planet

Believe it or not, World Environment Day turns 40 in 2012. Ever since the UN Environment Programme (UNEP) was founded in 1972 in Stockholm, WED has been celebrated annually. WED has since grown to become the one of the main vehicles through which the United Nations stimulates worldwide awareness of the environment and encourages political attention and action. This year, world leaders will once again meet at the United Nations Conference on

Sustainable Development twenty years after the historic Earth Summit in Rio de Janeiro, 1992. Dubbed Rio+20, one of the main themes of this Summit is 'a **green economy in the context of sustainable development and poverty eradication**'.

Previous World Environment Day themes have included caring for the earth and water, the ozone layer, climate change,

of the Green Economy. This is where some people turn their minds off because they find the concept of the Green Economy a little too complex to understand.

The Green Economy touches almost every aspect of our lives and concerns our development. It is about sustainable energy, green jobs, low-carbon economies, green policies, green buildings, agriculture,



**WORLD ENVIRONMENTAL DAY | 05 JUNE**  
**Green Economy: Does it include you?**

desertification and sustainable development, to mention a few. The 2012 theme for World Environment Day is **Green Economy: Does it include you?** Evidently, there are two parts to this theme and the first tackles the subject

fisheries, forestry, industry, energy efficiency, sustainable tourism, sustainable transport, waste management, water efficiency and all other types of resource efficiency.

These are all elements which lead to the successful implementation of a green economy. 2012 has also been declared by the United Nations as the International Year of Sustainable Energy for All. Linking World Environment Day to the Green Economy however should not limit or stop you from celebrating your other environmental achievements. After all, every positive environmental action has an impact, and part of the fun is finding creative ways to link your activity to the Green Economy - and there are many.

Everyone counts in this initiative and World Environment Day relies on you to make this happen! We call for action - organize a clean-up activity, stop using plastic bags and get your community to do likewise, plant a tree or better yet organize a collective tree planting effort, walk to work, start a recycling drive... the possibilities are endless.

Whatever you do, **tell us about it!** We will share your activities with Saipem people worldwide. WED's official website: <http://www.unep.org/wed/theme/>

As you already know, last year the Corporate Environmental Department started some initiatives on the occasion of WED, to spread awareness and to encourage more responsible behaviour. This year we have even more things planned such as:

- 5th June - IT'S **eNEWS'** FIRST BIRTHDAY!!! It's been a year since we started sharing environmental good practices with you from Saipem world...
- On the occasion of WED, on 5 June at San Donato Milanese headquarters a seminar will be organized with the special support of the Saipem Oil Spill Response Team (OSRT) from Fano's Environmental Department
- Issue of the fifth topic of the Corporate Environmental Campaign titled "Reduce your ecological footprint"
- **eLOGO** becomes a sticker, which can be used on sites, projects and offices that have developed and continue to develop an environmental culture. You can stick it on helmets or on waste segregation containers. You're free to use it in any way you think useful for increasing people's environmental awareness
- A special cotton bag has been designed for carrying PPE, especially for people using helicopters to go on offshore projects.
- Last year the initiative, MESSAGE IN A BOTTLE: RECYCLING IS GOOD, REUSING IS EVEN BETTER..., was analysed from a carbon footprint point of view. Calculations were made to understand how many PET bottles were needed to produce the same amount of CO2 of SIGG bottles. Conclusions confirm that MESSAGE IN A BOTTLE needs to continue its trip around the world...



World Environmental Day 2012 Bottle

JUNE 05<sup>th</sup> 2012

**eNEWS**  
1<sup>ST</sup> BIRTHDAY



# SAIPEM'S ENVIRONMENTAL AWARENESS CAMPAIGN

As most of you know already, on 5 June 2010, World Environmental Day (WED), the Corporate QHSE department launched the Environmental Awareness Campaign with the main purpose of promoting and influencing environmentally responsible behaviour. This time in 2012, we want to close the campaign on 5 June by issuing the last topic of the campaign.

Let's review all the campaign topics:

- Energy saving
- Oil spill prevention
- Waste segregation
- Water saving and reuse
- **Reduce your ecological footprint**

The campaign was developed with the support of the Corporate Environmental Department, which sends specific materials for each topic to all Saipem sites and projects, such as a CD-ROM containing informative material for every topic (posters, stickers, etc...), a PowerPoint presentation to be used by HSE personnel

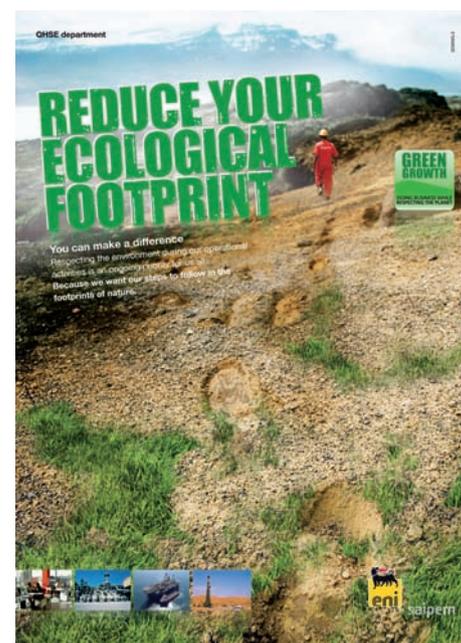
to present the initiative on sites under their responsibility and a guideline for its proper implementation. The material is translated into different languages (Italian, English, Azeri, French, Kazakh, Portuguese, Russian, Spanish, Tamil, Bahasa and Arabic) in order to make the message more effective.

The last topic of the campaign is related to ecological footprint and CO2 reduction during Saipem's operational activities, but it is also an invitation for all people to try and make efforts to reduce their own footprint and impact on the planet.

The poster describes Saipem's concern regarding the environment in which it operates; because we want nature to go back to following its footsteps after Saipem's activities finish.

**SAIPEM encourages us:**

**TO DO BUSINESS  
WHILE RESPECTING THE PLANET!**



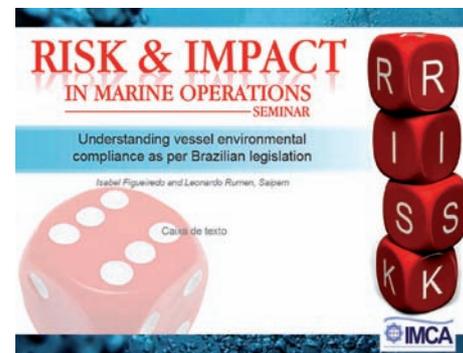
Campaign: Reduce your ecological footprint

# IMCA SAFETY AND ENVIRONMENT SEMINAR

On 21-22 March 2012, Saipem do Brasil participated in the IMCA Safety and environment seminar in Rio de Janeiro on "Risk and Impact in Marine Operations". Isabel Figueiredo & Leonardo Rumen, Saipem do Brasil Environmental Engineers, presented the company's work: "Understanding vessel environmental compliance as per Brazilian legislation". The programme included the Brazilian approach to environmental issues for the Oil and Gas Industry, including environmental compliance and the legal ramifications of accidents occurring in Brazil. The environmental aspects presented highlighted their compliance with Brazilian legislation, such as:

- Full waste segregation arrangements with colour-coded identification for disposal of different kinds of waste (CONAMA 275) produced on board vessels;
- No incineration of waste is allowed on board vessels in Brazilian waters;
- Effluents discharge control - the effluent has to be stored in a tank, to be treated on land when the vessel < 3 NM (Nautical Miles) to shore;
- Final waste disposal tracking system - Workers' Environmental Training Program was developed;
- IBAMA (Brazilian Environmental agency) inspection upon vessel arrival and IBAMA Technical Note (01/11).

To ensure compliance with Brazilian legislation, which is linked to the Environmental License for vessels coming from outside Brazil, a tailor-made approach was required, which was completely different from the common practice in the Oil and Gas Industry around the world. This is the reason why Saipem do Brasil developed and implemented a Work Instruction detailing the arrangements to be implemented and a specific Action Plan to be developed in an environmentally-friendly way, so that the crew could acquire a full understanding of the new system.



# GREEN PC PROJECT



The "Green PC" project involves installing a software application called "PowerMAN" on all company desktop PCs (approximately 5,000). "PowerMAN" helps towards the implementation of energy-saving policies by placing PCs in stand-by mode when they are not used for a set amount of time (for example, after 10 minutes of inactivity).

This initiative results in a reduction in energy consumption during periods when PCs are inactive, such as during lunch breaks and meetings, and especially at night if users forget to switch off their computers before leaving the office. Unbeknownst to the users, we carried out an experiment at our Fano branch on a sample of approximately 100 PCs from different departments. After installing the software we found that there was a significant reduction in the average number

of hours that the PCs were inactive each day, from 6.3 to 2.8 hours each.

Assuming:

- 0.05 Kw per pc/hour (energy consumption measured during the period of inactivity),
- 0.12 per Kwh (from actual consumption costs),
- 0.45 Kg CO<sub>2</sub> per Kwh (reference data),
- 5,000 PCs on which the software is installed the following annual savings are feasible:

The monetary savings are limited due to the cost of the software licences, whilst the opportunity for reducing CO<sub>2</sub> emissions with respect to the company's relative parameters should be assessed. In the case in question, the savings amounted to approximately 143.7 t of CO<sub>2</sub> a year not being produced and therefore, not emitted into the atmosphere.

To make it easier to understand, we looked at the amount of CO<sub>2</sub> produced by a car being driven some 18,000 km a year, which equates to approximately 2.27 tonnes of greenhouse gases emitted per year (Source: UP, NomismaEnergia NE).

$$\frac{143.7 [CO_2]}{2.3 [tCO_2/car]} \cong 60 cars$$


The process of installing the "PowerMAN" software on PCs is currently underway and it is an initiative that can be implemented in most Saipem offices. As the number of PCs included in the program increases, so too will the resulting environmental benefits and the savings in energy and monetary terms.

## WITHOUT POWERMAN

Inactive hours per PC/day	6.3
No. PCs	5,000
kW/PC	0.05
Days/Year	365
Inactive hours per PC/YEAR	2,299.50
Total Estimated Inactive hours	11,497,500.00
EUR / kWh	0.12
CO <sub>2</sub> kg / kWh	0.45
Total Estimated Inactive kWh	574,875.00
Total Estimated Inactive CO <sub>2</sub>	258,693.75
Total Estimated Inactive Cost	68,985.00

## WITH POWERMAN

Inactive hours per PC/day	2.8
No. PCs	5,000
kW/PC	0.05
Days/Year	365
Inactive hours per PC/YEAR	1,022.00
Total Estimated Inactive hours	5,110,000.00
EUR / kWh	0.12
CO <sub>2</sub> kg / kWh	0.45
Total Estimated Inactive kWh	255,500.00
Total Estimated Inactive CO <sub>2</sub>	114,975.00
Total Estimated Inactive Cost	30,660.00

## SAVINGS

Inactive hours per PC/day	3.5
No. PCs	5,000
kW/PC	0.05
Days/Year	365
Inactive hours per PC/YEAR	1,277.50
Total Estimated Inactive hours	6,387,500.00
EUR / kWh	0.12
CO <sub>2</sub> kg / kWh	0.45
Total Estimated Inactive kWh	<b>319,375.00</b>
Total Estimated Inactive CO <sub>2</sub>	<b>143,718.75</b>
Total Estimated Inactive Cost	<b>38,325.00</b>

# OUR ENVIRONMENT



Saipem 7K horns in a multicolor Stavanger sky - Stefano Salustro



A Multicolor Lizard from Port Harcourt base - Carlo Alghisi



A Kazakh dragonfly - Luca Cesare from Kuryk, ERSAl



The eagle in Indonesia is the national bird. Here an Indonesian eagle flying proudly over Karimun Yard - Luigi Romano

# TREE PLANTING IN CONGO



As part of sustainability initiatives for communities, Saipem/Boscongo started a **tree planting and environmental awareness program** on 25 February 2012 at Antoine Banthoud Secondary School of Pointe-Noire. This program was initiated following the invitation launched by the prefecture of Pointe-Noire to Saipem/Boscongo to participate in National Tree Day on 6 November, 2012.

The plan is to plant 10 trees in the Antoine Banthoud Secondary School yard, trees that will be sponsored by the top 20 pupils. The sponsorship consists of ensuring that the trees are regularly watered, treated well and protected by sponsors.

Monthly assessments will take place and at the end of the program, the pupils who will have kept the trees in good condition will be rewarded with small prizes. In addition, environmental awareness sessions on forest protection will be organized twice a month and will be given by biology teachers from Antoine Banthoud.

The Republic of Congo is located in the heart of the Congo Basin forest (the second largest forest in the world). The forest covers 60% of the country's total area and forest protection and reforestation is a national priority. As such, a National Tree Day is held every year on 6 November.

Following a year of activities, the majority of students should be able to:

- understand the relationship between trees and climatic factors as well as recognize different kinds of trees and their use.
- plant and maintain trees and identify fast-growing trees which provide shade.
- be responsible for good tree growth and learn to work as a team.
- be proactive in improving the forest environment.

The following stakeholders have been identified according to the initiative's aims and general purpose: the Ministry of Education (through Antoine Banthoud Secondary School); the Ministry of Sustainable Development, Forest & Environment (through the National Company for Reforestation) and the Prefecture of Pointe-Noire.



The tree planting and environmental awareness program at Antoine Banthoud consists of two types of activities: a tree planting competition and environmental awareness.

**Tree planting:** trees shall be planted in the yard of the Antoine Banthoud Secondary School with the main objective of teaching pupils "how to grow and protect plants". Taking into account the size of the school, only 10 trees will be planted there, sponsored by the top 20 pupils in the school, 2 pupils per tree.

The National Company for Reforestation will provide the necessary technical assistance to pupils once a month. At the end of the competition, the pupils who have kept their trees in good shape will be awarded prizes by Saipem/Boscongo.

As part of the organization and support of this initiative, Saipem/Boscongo will provide all the necessary equipment for the tree planting competition: watering cans, wheelbarrows and shovels which will be kept at Antoine Banthoud Secondary School's warehouse.

**Environmental Awareness:** the activity consists of providing the required training in environmental protection in general and

forest protection in particular. The teaching strategy is executed under the "Fun Learning" concept, to make environmental awareness training more engaging. As such, there are one-hour interactive classes supported by anime video clips on forest protection. To motivate the students to participate actively in this initiative, more than half of them

received promotional T-shirts.

**Boscongo Yard is committed to environmental protection, not only in their activities but also in investing resources in Congo's long-term environmental protection strategy. CONGRATULATIONS!!!**



## GREEN DAY IN KAZAKHSTAN

Kazakhstan is considered a very sensitive area from an environmental point of view (the local seals and sturgeons are the species most in risk of extinction) with strong constraints imposed by the Kazakh authorities in terms of a "0 discharge policy" and not only. Ever aware of the environment, the Saipem Piles and Flares Project, located in Kashagan - D Island, Kazakhstan, from the beginning set up a consolidated environmental programme in the area where they constantly operate.

Since the increase in the number of contracting personnel, the seawater was often full of floating garbage in the corners of the atoll or on rocky barriers. Therefore in 2008, they launched an initiative among personnel called **"Green Working Day"**.

Once or twice a month, a group of employees who are available to take part in the initiative to clean up the waters inside the atoll, go around the waters of

D Island on two yellow workboats and collect all the floating garbage accidentally or carelessly dumped in the sea by the contractors operating on D Island. The activity takes about a couple of days and different kinds of waste from construction and domestic activities is collected: plastic (shoe covers, helmets, bottles, tarpaulin, ropes, bags, etc.), plant materials (such as algae), organic waste (for ex. fruits and vegetables from provisioning), rags, tires, wood, etc. Last year the total quantity of waste collected was about 2 tonnes, with around 40-60 bags of waste collected on each "Green Day".

Now this has become normal practice on D Island and signifies a positive environmental target achieved. We are sure to have contributed in a significant manner to increasing attention and care towards the environment and in particular, towards the sea.



# INTERVIEW WITH IRINA URECHE TRIFU



Irina is originally from Ploiesti, Romania and after finishing high school, specializing in computer science, she moved to Toronto, Canada. She has a Bachelor's Degree in Environmental Studies & Biology from York University. In 2007 she returned to Romania and in June 2008 she joined Saipem as a junior environmental engineer, working in Saipem's Bucharest office.

and the amount of new information I had to learn was a bit overwhelming at the beginning. When I first joined the team, the environmental reporting was done twice a year, but in 2010 the reporting timing switched to being quarterly. In this way, the data can be more easily managed and the reporting more accurate.

I currently manage the Environmental Data Reporting Process, from sending out communications to projects, verification and revision of data, to producing analyses of the data inserted into the Environmental Web Report software. This entire process is based on a very close "relationship" with the HSE people on our sites. I always rely on their help to ensure that the reporting process follows Environmental Reporting Standard requirements.

### Can you briefly explain the reporting process and the data output?

The environmental data reporting applies to all sites/projects for which Saipem is responsible. The data is gathered on a quarterly basis, from around 160 sites/projects. The sites and projects reporting the



EPC-2 Island, Caspian Sea

data are, of course, very different, both in terms of activity, location and management system implementation. Unfortunately, the environment is not always seen as a priority in some areas. All the environmental indicators reported are verified and corrected as needed, most of the times by asking for clarifications directly from the sites. This ensures that the data inserted into the EWR is accurate and traceable.

At the end of each reporting period, an



Environmental Web Report screen

### Which was your first contact with Saipem?

I joined the QHSE department as part of the HSE reporting team in Bucharest. It was my first contact with an engineering company

## MEET OUR PEOPLE

environmental performance report is issued and shared with all our colleagues. Twice yearly, the data is reported also to our main shareholder, eni.

The environmental data is included in the Annual Sustainability Report, which is subject to a Third Party Audit, to certify the consistency with the Standard and the reliability of the data included. Furthermore, environmental performance data is included in yearly Management Reviews, preparation for tenders, meetings with Clients and benchmarks for international organisms (IADC, IPLOCA).

All the environmental performance data received is considered for the above analyses, so I am taking advantage of this opportunity to stress the importance of

providing accurate figures and maintaining traceable/verifiable records of all data submitted.

### **Do you also get to travel around Saipem sites/projects? Tell us a little about your experiences.**

My first overseas mission took place last year in Kazakhstan on an offshore drilling platform and a few days later, in ERSAL Yard. It was an amazing opportunity as well as being a great learning experience.

It is not always easy to only work from an office, relating the environmental performance data to the site/project activities, therefore being able to make a better connection between the two was really helpful. Finding a successful implementation of environmental management systems on both sites was proof of the strong

commitment to environmental protection, especially in such an environmentally-sensitive area as the Caspian Sea.

Also, as a huge fan of planes and flying, I was also thrilled that I had the opportunity to experience my first helicopter flight. Definitely one trip I will never forget, also thanks to the eTeam who accompanied me and to the wonderful people I met there.



Qafco V e VI Projects, Qatar



Going GREEN in Bucharest Office little garden



saipem

People, Skills, Equipment.

**Saipem S.p.A.**

Via Martiri di Cefalonia, 67 - 20097 San Donato Milanese - Italy

Tel. +39 02.520.1 - Fax +39 02.520.44415

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