

EDITO

You will see for yourself when reading this newsletter, our School and the community that brings it to life - management, professors, lecturers, administrators – can justly be proud of its numerous successes, which are of various kinds and scopes.



In my editorial last December, I gave a debriefing of the MOOC (*Massive Open Online Course*) that we launched in November 2014 on Sustainable Mobility, and I noted that it had certainly reached its objectives both in the number of people who registered and in the completion rate. One success calls for another, so we have decided to launch a new MOOC in May on the Oil and Gas chain, with the support of Total and in collaboration with IFP Training. Such initiatives illustrate IFP School's ever-increasing involvement in new educational approaches and associated digital tools which, I am convinced, are essential innovations for the future of the School.

Over the past few months, IFP School has also reaped international successes. For example, the launch of two new Master's programs in Russia, in the field of refining, in collaboration with Gubkin University in Moscow and the University of Omsk, and with the support of Gazpromneft. Several young professionals should be able to benefit from this training, resulting in a significant enhancement of their qualifications. We have also launched a similar initiative in Saudi Arabia, with the support Saudi Aramco: a Master in Petrochemicals.

A final illustration of the School's success stories comes from the HCERES (*Haut Conseil de l'Évaluation de la Recherche et de l'Enseignement Supérieur*) who, after an audit in November 2014, which mentioned "the success of IFP School in all its programs (Engineering degrees, National Master degrees, PhD theses)," highlights both the excellence of its courses and its model as an industry-oriented school.

But these successes should not lead us to forget the difficulties that the School is encountering in an economic situation that remains sluggish. There is a downward trend in public financing in all its forms (grants, subsidies, apprenticeship tax, etc.). At the same time, most of our industrial partners are facing hard times, which has meant a temporary cutback in recruit, including recruitment of our graduates. In such a context, we will no doubt be forced to reduce our intake for 2016 compared to the present intake. The result will be reduced resources for the School.

That is why I count, more than ever, on the support of our alumni to help us through this difficult period. You can indeed help us in several ways and, by doing so, witness concretely your gratitude to the School that has no doubt made an essential contribution to the success of your career. One solution is to take part in our fundraising campaign which, between 2012 and 2013, has already enabled us to finance six Excellence Scholarships but did not reach our target for 2014. You can also help us to diversify our industrial partners and finance studies for some students. Finally you can help to enhance the School's reputation by spreading news around you of the launching of our second Oil & Gas MOOC. I thank you in advance for your solidarity and your attachment to IFP School!

Happy Reading!

Philippe Pinchon
Dean
IFP School

BRIEF

A new IFP School MOOC: “Oil & Gas: from exploration to distribution”

The key to understanding the oil and natural gas chain

How are hydrocarbon reservoirs discovered? How are oil prices fixed on international markets? Who are the players of the oil and gas sector? A string of questions with answers to be found in the second IFP School MOOC: “**Oil and Gas: from exploration to distribution**”.

Its first MOOC, in November 2014, on sustainable mobility, was a great success: more than 3 000 people registered, from 67 different countries.

This second MOOC, designed with the support of Total, will take place over four weeks from **11 May to 5 June 2015** and is completely free. It targets anyone interested in the oil and gas sector, preferably those with a minimum of two years of higher education.

[Registrations](#) are already open on a special platform.



Mini video games and interactive videos

After the experience of the serious game in the first MOOC, IFP School is, once again, proposing innovative teaching methods for this new course.

“We have introduced interactive videos and replaced the traditional assessment quizzes with mini video games,” pointed out Sébastien Bianchi, project leader and lecturer in IFP School’s Center for Economics and Management.

Students who follow the course through to the end will be awarded a certificate of achievement.

The objective of this new MOOC is to present all the links of the hydrocarbon chain from exploration and production, refining and petrochemicals, to distribution and logistics.

At the end of the four weeks, participants will be able to identify and describe:

- oil and gas reservoir exploration and production operations
- pricing and cost structuring
- the main players in the oil and gas sector
- refining techniques and stages
- the transformation of crude oil into petroleum consumer products
- oil and gas transport and storage
- the stakes and challenges of the hydrocarbon industry.

“This MOOC will enable learners to better understand the oil and natural gas sector, a fascinating industry from a technological point of view!” added Jean-Claude Heidmann, Director of the School’s Center for Exploration-Production.

FOCUS

Fundraising 2014: concrete results but below our objectives

In 2014, the fund-raising campaign launched by IFP School, amongst its alumni, brought in a total of 38 685€, concrete results but below our objectives.

Last year, donations to the Alumni Fund from almost 150 graduates helped the School to fulfill some of its ambitions.

Funds raised enabled us to finance an Excellence Scholarship for an international student from Brazil and to launch our first MOOC (Massive Open Online Course) on Sustainable Mobility (Read “A great success for the IFP School's MOOC” in Newsletter No.24).

However, the dynamism at the launch three years ago, in partnership with the Tuck Foundation, seems to have lost a little of its momentum. Indeed, the first fund-raising campaign brought in almost 47 000€. The same amount was raised in 2013. Last year saw a drop of 17%.

“Donations received in 2014 show that our alumni have faith in their School and we wish to thank them for that!” said Jean-Christophe Flèche, Director for Development at IFP School.

2015 will therefore be a decisive year for IFP School, who hopes to get more graduates involved so as to better reach its objectives for growth and enhance its reputation.

“We sincerely hope that more of our graduates will accept to join us. We have a long way to go to finance our projects for the future and we need their support today more than ever!” announced Jean-Christophe Flèche.



Results of the School's survey

In order to evaluate their alumni's motivations and expectations concerning the School's development projects, IFP School carried out a survey in October 2014 on former students living in France.

Generally speaking, IFP School alumni say they made a donation to the Alumni Fund so that other students can benefit from the same training as they did and to enable the School to maintain its benchmark position in the energy and transport sector.

They consider international development to be the main axis of advancement, followed by educational innovation and scholarships.

Moreover, this survey highlighted the alumni's attachment to their School.

“In just one and a half years, the operational training I received, gave me the equivalent of several years of professional experience,” said one graduate. Another former student added: “I am convinced that the training I had at IFP School was an important factor in finding a job rapidly”. Others describe their school as “a benchmark!” or “the mainstay of my career”.

Many alumni hold the School in great esteem but some alumni would like to see more effort made to strengthen the links between them and the School: “More events throughout the year,” suggested one former student. Others would like to see regional activities: “I suggest regional events. Everything happens in Paris. That's a big handicap and doesn't encourage people to get involved!”.

This feedback will be taken into account for the 2015 fund-raising strategy.

“We know that the fundraising approach amongst our alumni will pay out in the long run and this survey has given us some interesting avenues to follow up,” said Jean-Christophe Flèche.

“The School is fortunate in that it can count on a group of graduates who are already familiar with the idea of fundraising, but we need to continue to spread the word amongst our graduates,” he added.

Get involved in IFP School’s development

IFP School needs its former students in order to further enhance the excellence of the courses it gives and to attract the best students on an international scale.

“Making a donation to the Alumni Fund is a way of acknowledging the value of your IFP School degree!” points out Philippe Pinchon, Dean of IFP School.

If you, too, wish to sponsor your School by making a donation, which entitles you to a tax break on Income Tax or Wealth Tax (the French *ISF*), you can log onto the [Alumni](#) site, throughout the year, and click on “Make a donation to the Alumni Fund”.

“For example, if you pay income tax, and you agree today to donate 300€, in reality it will cost you 100€,” explained Jean-Christophe Flèche.

LIVE

Patron of the 2015 Class

This year, the 336 students following IFP School Master's programs have the honor of being under the patronage of Maria van der Hoeven, Executive Director of the [International Energy Agency](#) (IEA).

The patronage ceremony took place on 17 March 2015. Ms. van der Hoeven presented an overview of the current energy situation and the challenges of the energy transition. She insisted on the crucial role of innovation.



The last five Class Patrons

- 2009-2010 : G. Mestrallet, CEO, GDF Suez
- 2010-2011 : J.S. Gabrielli, CEO, Petrobras
- 2011-2012 : Christophe de Margerie, CEO, Total
- 2012-2013 : S.A. Abbas, CEO, Petronas
- 2013-2014 : H. Lund, CEO, Statoil

After her presentation, she invited students to ask questions to which she replied alongside Olivier Appert, CEO of IFP Energies nouvelles and Philippe Pinchon, Dean of IFP School.

About Ms. van der Hoeven

Maria van der Hoeven took over as Executive Director of the IEA in September 2011. Prior to leading the IEA, Ms. Van der Hoeven served as Minister of Economic Affairs of the Netherlands from February 2007 to October 2010, during which time she demonstrated leadership on energy policy at the national, regional and global levels.

Before becoming Minister of Economic Affairs, Ms. van der Hoeven was Minister for Education, Culture and Science from 2002 to 2007. She was elected Member of Parliament in the Netherlands from 1991 to 2002. Until 1987 she was head of the Adult Commercial Vocational Training Centre in Maastricht, after which she served as the head of the Limburg Technology Centre until 1991. Born in the Netherlands Ms. van der Hoeven speaks English, French and German.

ASSOCIATION

Membership fees 2015

The IFP School Alumni Association invites you to join its network or to renew your yearly membership.

“The Association needs support from all of you in order to continue to be an active pool of experiences! » points out Jean-Baptiste Renard, President of the Association.

Membership fees run from January to December. Fees for 2015 are 65€, except for recent graduates (Classes of 2013 and 2014) for whom fees are 45€.

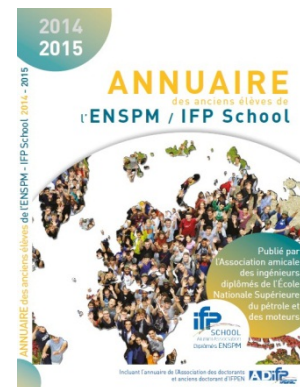
To join the Association or to renew your membership, simply log onto the [Alumni](#) site and click on “Reapply membership” in the menu “Connected” (payment by credit card).

You can also pay your membership fees by check (payable to AAID-ENSPM) or by bank transfer to BNP Paribas, Agence de Rueil (account AAID-ENSPM, IBAN : FR76 3000 4009 7600 0041 6236 664 - BIC : BNPAFRPPBBT).

Directory

The printed edition of the 2014-2015 Directory of IFP School Alumni, published by the Association, is now available.

In addition to up-dated information, the Directory has been changed to make it clearer and easier to read. If you are a fully paid member living France, you will receive a copy by post.



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Catherine Pécheux takes over from Dolores Santos



Catherine Pécheux joined the IFP School Alumni Association (AAID) on 2nd March 2015 as a permanent administrative officer.

She replaces Dolores Santos, who, after two years working for the Alumni Association and more than 20 years at IFP Energies nouvelles, has left to embark upon new adventures.

IFP School and the Alumni Association welcome Catherine and wish Dolores well in her new activities!

NEWS

1st class of the Professional Master in Oil and Gas in Lebanon

The 19 students of the first Class of the Professional Master in Oil and Gas in the *École Supérieure d'Ingénieurs de Beyrouth* (ESIB) graduated on 12 February 2015. IFP School, through academic cooperation, contributes to this program, which is run by ESIB, part of the *Université Saint-Joseph* (USJ).

The graduation ceremony took place at ESIB in Lebanon, in the presence of the Rector of USJ, the Dean of ESIB and numerous key figures from the world of Oil and Gas. Alain Auriault, Director of studies, represented IFP School.

Launched in September 2013, this Master aims to provide students with the technical and economic knowledge and skills required to work in the field of oil and gas. IFP School contributes around 9 weeks of courses.



Welcome to the Russian students of the off-site Master in Refining

Students of the first session of the Master in Refining for Gazpromneft arrived in IFP School on 2 February 2015.

Launched in October 2014 in Russia, this off-site Master is taught in English in collaboration with IFP Training.

This first class consists of 24 young professionals from Gazpromneft who work in refineries at Moscow and Osmk.

The participants did practical work at IFP Training in Martigues in January. They stayed one month in France, following courses and working on projects in Rueil and visiting various industrial sites.

At the beginning of March they returned to Russia to continue the Master program.



9th IFP School Partner Companies Event

The 9th IFP School Partner Companies Event took place on the Rueil-Malmaison campus on 18 and 19 March 2015.

This event is open to students on IFP School Master's programs and to PhD students in their final year. Its aim is to bring together students and professionals of the oil, gas and transport sectors.

Students were able to ask questions about career opportunities and new needs in the industry. On their side, companies were able to present their activities and do some head-hunting.

Fifteen companies took part this year: Axens, Cepsa, CGG, ExxonMobil, Flexi France, GDF Suez, Hti-Automobile, IFP Energies nouvelles, Perenco, Schlumberger, Spie Oil & Gas Services, Statoil, Technip, Total and Valeo.

