

THE IFP GROUP OVERVIEW





IFP Energies nouvelles is a major research and training player in the fields of energy, transport and environment.

2005 NOBEL PRIZE IN CHEMISTRY

YVES CHAUVIN









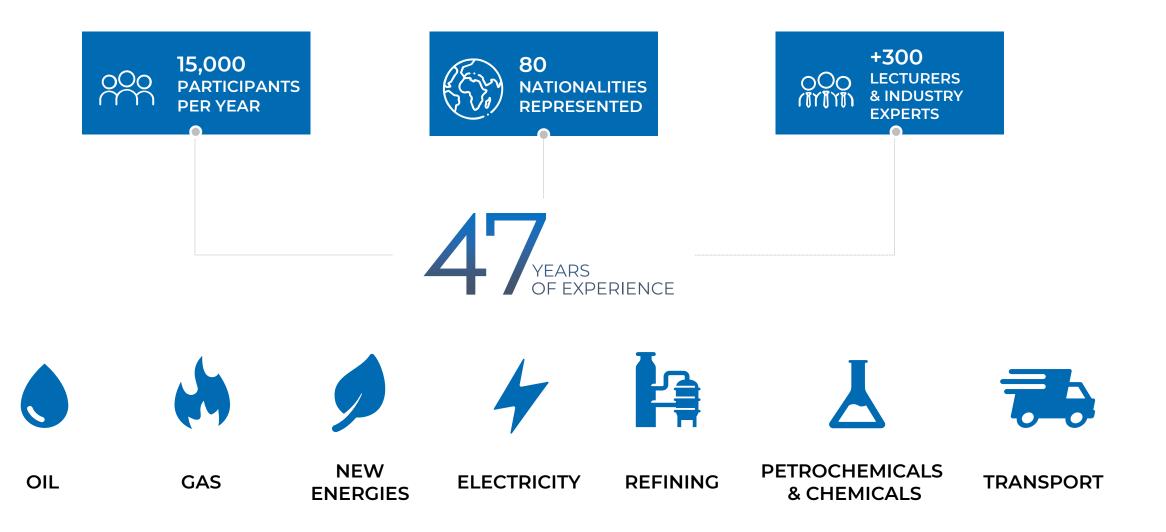




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IFP TRAINING EXPERTISE





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OUR SOLUTIONS





COMPETENCY MANAGEMENT SERVICES

To align workforce competencies to your organization business strategy:

- Competency Model Development
- Assessment
- Gap Analysis
- Competency-based training plan solutions & IFP Training Certification



TRAINING SOLUTIONS

To accelerate your team skills development & Certify their competencies:

- Customized
- Classroom: Public or In-house
- Distance: Virtual, E-learning
- Blended Learning
- Simulation-based
- Real-size industrial units
- OJT
- Master's degree with IFP School



PARTNER PROGRAMS

To support local content strategic initiatives:

- Customized training programs
- Trainers accreditation
- Training facilities & administrative processes standards
- Jointly engineering & delivering Certificated training programs





COMPETENCY MANAGEMENT



5

TO ALIGN WORKFORCE COMPETENCIES TO YOUR ORGANIZATION BUSINESS STRATEGY



JOB ANALYSIS & COMPETENCY MODEL DEVELOPPEMENT



- Job description:
 Roles, tasks & responsibilities
- Competency units: Skills, knowledge & abilities,
- Three-level proficiency scale: Awareness, Knowledge, Skilled





COMPETENCY ASSESSMENT & SKILL GAPS ANALYSIS



- On-line testing
- On-line self-assessment
- On-site observation of performance and/or on-line interviews

Reporting

- Individual & group skill gaps analysis
- Critical gaps identification





DESIGN & DELIVERY OF COMPETENCY BASED TRAINING SOLUTIONS

To accelerate your team skills development & Certify their competencies:

- Customized
- Classroom: Public or In-house
- Distance: Virtual, E-learning
- Blended learning
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- Real-size industrial units
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Based on IFP Training's Online Solution or uploaded to clients' existing software (i.e. LMS)

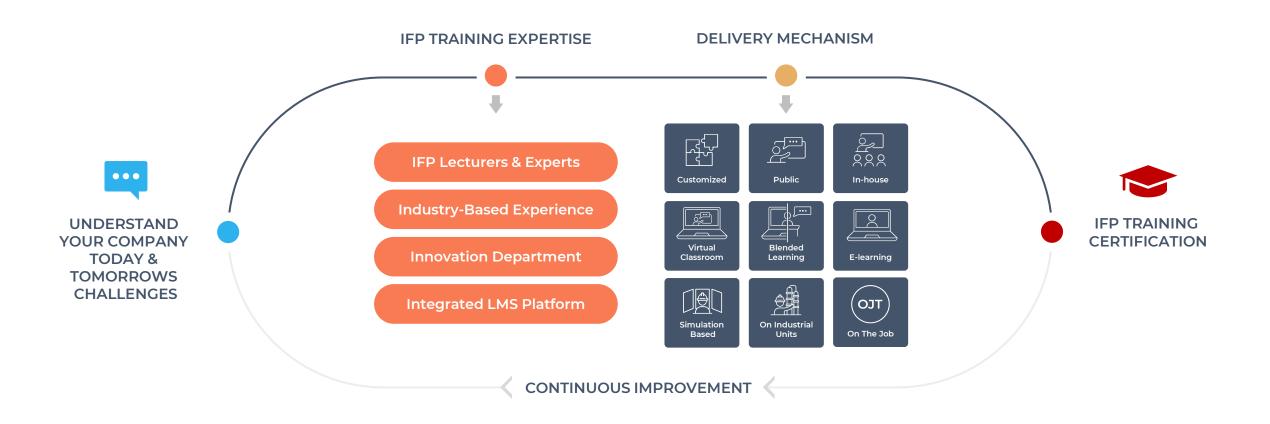




OUR CUSTOMIZED TRAINING SOLUTION



ENGAGING & CERTIFIED LEARNING EXPERIENCE ALIGNED WITH YOUR BUSINESS NEEDS









All about Know-how!

We jointly provide training solutions to your local training market

We deliver customized training support in your facilities We support your training facilities with IFPT know-how and expertise

We deliver IFP
Training certified
training
programs
(accreditation)

All about Training!





TRAINING DOMAINS

IFP TRAINING









ENERGY TRANSITION TRAINING SUBDOMAINS





ENERGY TRANSITION

Explore & Produce

Transform & Valorize

Manage & Commit

Transport & Motorize









Reference	Training Title		Delive		Туре	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
To Explore	& Produce / Exploration	P	D	ЕВ		(aay)														
INFOBAS-EN-P	Introduction to Basin Exploration	•			In-house	5	-	-												
GEOPHY-EN-P	Petroleum Geophysics	•			Public	10	Rueil-Malmaison	€ 6 365											27	7 ▶8
To Explore	& Produce / Reservoir & Field Development																			
CO2-EN-P	CO2 Geological Storage Overview	•			Public	3	Rueil-Malmaison	€2987						5 ▶ 7						
CO2RES-EN-P	CO2 Geological Storage for Geoscientists & Reservoir Engineers	•			In-house	3	-	-												
CO2ADV-EN-P	CO2 Geological Storage Workshop	•			In-house	5	-	-												
GEOTHER-EN-P	Introduction to Geothermal Energy Uses & Operations	•			Public	3	Virtual Classroom	€ 2 987											6▶8	
FDP-EN-P	Field Development Project & Uncertainties	•			In-house	5	-	-												
To Explore	& Produce / Surface Facilities Engineering																			
E&I-EN-P	E&I Technology for Oil & Gas Facilities	•			Public	5	Pau	€ 3 850										16 ▶ 20		
To Explore	& Produce / Data Management & Data Science																			
DMFUND-EN-D	Data Management Fundamentals (DAMA)		•		Public	5	Virtual Classroom	€ 4 007										16 ▶ 20		
DMOPE-EN-P	Introduction to Data Management for Operations	•			In-house	3	-	-												
DMDAEP-EN-P	Data Management & Data Science for E&P Operations Certification	•			Public	50	Virtual Classroom	€ 29 098										9	>	22
DMEP-EN-D	Data Management for E&P Operations		•		Public	30	Virtual Classroom	€ 17 459										9	▶24	
DMFORMA-EN-D	E&P Data: Value & Format		•		Public	5	Virtual Classroom	€ 3 214										9 ▶ 13		
DMCYBR-EN-D	Data Protection & Cybersecurity		•		Public	5	Virtual Classroom	€ 3 214										23 ▶ 27		
DMARCHI-EN-D	E&P Data Architecture & Big Data		•		Public	3	Virtual Classroom	€ 2 987											6▶8	
DMVIRTU-EN-D	Virtualization & Data Transfer/IoT		•		Public	2	Virtual Classroom	€2009											9 ▶ 10	
GIS-EN-D	Geographic Information Systems		•		Public	5	Virtual Classroom	€ 3 214											13 ▶ 17	
DIGTWIN-EN-D	From Data Lakes to Digital Twins		•		Public	2	Virtual Classroom	€2009											20 > 21	1

Whether in-house or public, most of our face-to-face courses can be followed remotely Delivery mechanism:

P : Face-to-Face TrainingsD : Virtual Instructor-Led Trainings

E : E-Learning **B** : Blended-Learning











		D	eliver	ry		Duration		Tuition Fees												
Reference	Training Title	P) E		Type	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
DATROOM-EN-D	National Data Repositories & Data Rooms		•		Public	2	Virtual Classroom	€2009											23 ▶ 24	
DAEP-EN-D	Data Science for E&P Operations		•		Public	10	Virtual Classroom	€ 6 365											27	▶8
DABASIC-EN-D	Introduction to Data Science & Analytics for O&G Professionals		•		Public	1	Virtual Classroom	€ 999											27	
MLBASIC-EN-D	Machine Learning Concepts		•		Public	3	Virtual Classroom	€ 2 987											28 ▶ 30	
DAPYTH-EN-D	Python Scripting		•		Public	1	Virtual Classroom	€ 999												1
MLTXT-EN-D	Text Analysis using Machine Learning		•		Public	1	Virtual Classroom	€ 999												4
DETECOB-EN-D	Object Detection		•		Public	3	Virtual Classroom	€ 2 987												5 ▶ 7
MLEVAL-EN-D	Evaluation/Validation of Machine Learning Models		•		Public	1	Virtual Classroom	€ 999												8
DMDAPRJ-EN-P	Data Management & Data Science Final Project	•			Public	10	Rueil-Malmaison	€ 6 365												11 ▶ 22
DMQUAL-EN-D	Practical Data Quality Management - DAMA		•		In-house	5	-	-												
DBASE-EN-P	Data Base Set Up & Evaluation	•			In-house	5	-	-												
DMMNG-EN-P	Data Management Challenges for Managers	•			In-house	2	-	-												
To Explore	& Produce / HSE																			
HSESI-EN-P	HSE Superintendent Certification	•			Public	58	Pau	€ 44 500									20	•		8
EPSAFOP-EN-P	HSE in Surface Production Operations	•			Public	5	Pau	€ 3 850										9 ▶ 13		
POSCULT-EN-P	Positive HSE Culture	•			In-house	2	-	-												
EPWORK-EN-P	HSE in Maintenance & Construction Activities	•			In-house	5	-	-												
OCCSAF-EN-P	Occupational Safety	•			In-house	5	-	-												
OCCHEAL-EN-P	Occupational Health	•			In-house	3	-	-												
To Transfo	rm & Valorize / Refining, Petrochemicals & Natural Gas																			
SYNGASE-EN-P	<u>Gas Valorization</u>	•			In-house	3	-	-												
PFH-EN-P	Hydrogen Chain Outlook	•			Public	2	Rueil-Malmaison	€ 2 170					31	▶1						

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Reference	Training Title		Delivery	Туре	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
To Transfo	rm & Valorize / Petroleum Products, Analysis, Transfer & Storage																		
PSTGPL-EN-P	Properties, Storage & Transfer of LPG	•		In-house	4	-	-												
To Transfo	rm & Valorize / Energy & Thermal Equipment																		
AMENER-EN-P	Process Energy Efficiency Improvement for Industrial Plants	•		In-house	3	-	-												
MENERG-EN-P	Day-to-Day Energy Optimization for Industrial Plants	•		Public	4	Rueil-Malmaison	€ 2 630						20 ▶ 23						
PANENR-EN-P	Overview & Challenges of Renewables Energies	•		In-house	3	-	-												
To Transfo	rm & Valorize / Rotating Equipment																		
OMIRM-EN-P	Operation, Maintenance & Inspection of Rotating Machinery	•		In-house	10	-	-												
To Transfo	rm & Valorize / Project Management																		
PRACOM-EN-P	Practicing Commissioning	•		In-house	4	-	-												
To Manag	e & Commit / Gas, Electricity & Renewable Energies																		
EGN-EN-P	Overview of Natural Gas Economics	•		Public	4	Rueil-Malmaison	€ 2 966										17 ▶ 20		
EGL-EN-P	Liquefied Natural Gas Economics	•		In-house	3	-	-												
MGN-EN-P	Gas Markets & Trading	•		Public	2	Rueil-Malmaison	€1978											15 ▶ 16	
TEG-EN-P	Natural Gas & Electricity Trading	•		Public	2	Rueil-Malmaison	€ 2 256									26 ▶ 27			
GCEG-EN-P	Gas & LNG Economics Certification	•		In-house	35	-	-												
To Manag	e & Commit / Renewable Energies, Energy Transition & Decarbonation																		
MXE-EN-P	Overview & Challenges of the Energy Mix	•		Public	4	Rueil-Malmaison	€ 2 967										17 ▶ 20		
GTR-EN-P	Geopolitics of Strategic Metals & Rare Earths	•		In-house	2	-	-												
MPER-EN-P	Economic a Financial Modelling of Renewable Energy Projects	•		Public	3	Rueil-Malmaison	€2977												13 ▶ 15
DETE-EN-P	Energy Transition: Positioning of the Key Players	•		Public	2	Virtual Classroom	€1700						14 ▶ 15					21 ▶ 22	
RPER-EN-P	Successfully Developing Renewable Project	•		Public	3	Rueil-Malmaison	€ 2 627				25 ▶ 27								

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Reference	Training Title		Deliver		Туре	Duration	Location	Tuition Fees	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		Р	D E	В		(day)		(Excl. VAT)				·								
IEP-EN-P	Managing the Socio-Economic & Environmental Impact of Energy Projects	•			In-house	3	-	-												
ECCL-EN-P	Energy & Climate Change	•			In-house	2	-	-												
NCS-EN-P	O&G Companies Towards Carbon Neutrality: Challenges & Solutions	•			Public	5	Rueil-Malmaison	€ 3 945												4 ▶ 8
To Transp	ort & Motorize / Engines Evolution																			
HEINT-EN-P	Introduction to Hybrid & Electric Vehicle Propulsion	•			In-house	1	-	-												
HEGMP-EN-P	Hybrid & Electric Powertrains	•			In-house	4	-	-												
HESGMP-EN-P	Hybrid & Electric Powertrain Specialist Certification	•			In-house	40	-						Cor	ntact-us						
EMOT-EN-P	Electric Drives for Automotive Propulsion Design, Modeling & Simulation	•			In-house	5	-	-												
CEM-EN-P	Electromagnetic Compatibility of Automotive Power Electronics	•			In-house	3	-	-												
ETECH1-EN-P	Technologies of Electric Machines for Automotive Traction	•			In-house	5	-	-												
ETRON1-EN-P	Automotive Traction Power Electronics	•			In-house	5	-	-												
ECOM-EN-P	Control Design for Automotive Electric Traction Drives	•			In-house	5	-	-												
ETECH2-EN-P	Module 5: Design of Electrical Machines for Automotive Traction	•			In-house	5	-	-												
ETRON2-EN-P	Module 6: Automotive Traction Power Electronics Design	•			In-house	5	-	-												
ESGMP-EN-P	Certification as an Electrical Drive Specialist	•			In-house	35	-						Cor	ntact-us						
MGMPHE-EN-P	Master's Degree in Hybrid & Electric Powertrains	•			In-house	70	-						Cor	ntact-us						
To Transp	ort & Motorize / Air Supply - Combustion & Depollution																			
COMBE-EN-P	New Combustion Systems in Spark Ignited Engines	•			In-house	3	-	-												
To Transp	ort & Motorize / Engine Management																			
HECTRLM-EN-P	Engine Management Training	•			In-house	30	-	-												
To Transp	ort & Motorize / Vehicle Performances					_														
PRESTA-EN-P	Vehicle Fuel Consumption	•			In-house	5	-	-												

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EXPLORE & PRODUCE TRAINING SUBDOMAINS





EXPLORE & PRODUCE

E&P Chain	Soft Skills for O&G
Exploration	Data Management & Data Science
Reservoir & Field Development	Project Management
Drilling & Completion Engineering	HSE
Production Engineering	Gas
Field Operations	Unconventional
Surface Facilities Engineering	Offshore



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Explore & Produce Chain EP



			Deliver	ry		Duration		Tuition Fees												
Reference	Training Title		D E		Туре	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
E&P Chain	/ General Introduction to Technical Topics																			
EPMGT-EN-P	Comprehensive Overview of E&P Management Certification	•			In-house	60	-	-												
DOOLINED EN D	Exploration & Production Overview				Public	5	Rueil-Malmaison	- €3810									11 ▶ 15			4▶8
DCOUVEP-EN-P	Exploration & Production Overview				Public	Э	Pau	- €3810					22 ▶ 26							
DCOUVEP-EN-D	Exploration & Production Overview		•		Public	5	Virtual Classroom	€ 3 810			27 ▶ 31									
INFPG-EN-P	Introduction to Petroleum Engineering	•			Public	5	Rueil-Malmaison	€ 3 810		13 ▶ 17								:	20 ▶ 24	
INFPG-EN-D	Introduction to Petroleum Engineering		•		Public	5	Virtual Classroom	€ 3 810				10 ▶ 14								
EPMETIE-EN-P	E&P Jobs	•			In-house	2	-	-												
CHAINEP-EN-P	Fundamentals of Production	•			In-house	2	-	-												
EPETROL-EN-P	Petroleum Engineering Certification	•			In-house	100	-	-												
CCUS-EN-P	Carbon Capture, Utilization & Storage (CCUS)	•			Public	3	Pau	€ 2 670											28 ▶ 30	
E&P Chain	/ Competency Management & Training Engineering																			
CMS-EN-P	Competency Management in E&P	•			In-house	3	-	-												
TRAINEN-EN-P	Training Engineering in E&P	•			In-house	5	-	-												
ACFIELD-EN-P	Field/Site Trainers Accreditation	•			In-house	5	-	-												
ACCLASS-EN-P	Classroom Lecturers Accreditation	•			In-house	20	-	-												
ACSME-EN-P	Subject Matter Experts Accreditation	•			In-house	25	-	-												
COM-EN-P	Communication & Behavioral Management	•			In-house	2	-	-												
Exploration	n / General																			
INFOBAS-EN-P	Introduction to Basin Exploration	•			In-house	5	-	-												
Exploration	n / Methods & Tools																			
GEOPHY-EN-P	Petroleum Geophysics	•			Public	10	Rueil-Malmaison	€ 6 365											27	▶8
GEOCHIM-EN-P	Petroleum Systems: Hydrocarbons from Source Rock to Reservoirs	•			In-house	5	Virtual Classroom	-												

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E: E-Learning

D: Virtual Instructor-Led Trainings









Explore & Produce Exploration



			Deliver:	у		Duration		Tuition Fees												
Reference	Training Title		D E		Type	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
STRUCT-EN-P	Structural Geology, Basin Development & Associated Traps	•			In-house	5	Virtual Classroom	-												
LOGF-EN-P	Well Logging & Qualitative Log Interpretation	•			Public	5	Rueil-Malmaison	€ 3 214									25 ▶ 29			
SEIS3D-EN-P	3D Seismic Interpretation Workshop	•			Public	10	Rueil-Malmaison	€ 6 365											13 ▶ 24	
SEQSTRA-EN-P	Sedimentology & Sequence Stratigraphy	•			In-house	5	-	-												
TEMIS-EN-P	Basin Modeling: Thermicity, Maturation & Migration	•			In-house	5	-	-												
WSGEOL-EN-P	Wellsite Geology	•			In-house	5	-	-												
Exploration	/ From Basin to Prospect Evaluation																			
BAM-EN-P	Basin Assessment & Modeling Certification	•			In-house	65	-	-												
PLAY-EN-P	Play Assessment & Prospect Generation	•			In-house	5	-	-												
Reservoir 8	Field Development / Reservoir Characterization & Modeling																			
INFORCM-EN-D	Introduction to Reservoir Characterization	•			Public	5	Virtual Classroom	€ 3 214									18 ▶ 22			
PETRORE-EN-P	Integrated Petrophysics for Reservoir Characterization & Modeling Certification	•			In-house	90	-	-												
LOGADV-EN-P	Quantitative Well Log Analysis	•			In-house	5	-	-												
ROCKTYP-EN-P	Fundamentals of Facies Analysis & Rock-Typing	•			In-house	5	-	-												
GEOMOD-EN-P	Geological Modeling Workshop for Integrated Reservoir Studies	•			In-house	5	-	-												
OOIP-EN-P	Hydrocarbons Accumulations, Reserves Estimation, Risk Analysis & Uncertainties		•		In-house	5	-	-												
FRACMOD-EN-P	Naturally-Fractured Reservoirs: Static & Dynamic Modeling	•			In-house	5	-	-												
PETROD-EN-P	Petrophysical Properties: Core, Log & Test Data Integration for Reservoir Modeling	•			In-house	5	-	-												
UPSCALE-EN-P	Upscaling: from Static to Dynamic Model	•			In-house	3	-	-												
FRACA-EN-P	Fracture & Fault Modeling Workshop with FracaFlow™	•			In-house	4	-	-												
TIGHT-EN-P	Tight Reservoir Characterization & Modeling	•			In-house	10	-	-												
IRCM-EN-P	Geological Characterization & Modeling - Integrated Workshop Certification	•			In-house	10	-	-												

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Explore & Produce Exploration - Reservoir & Field Development



Reference	Training Title		Deli		Туре	Duration	Location	Tuition Fees	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		Р	D	Е В		(day)		(Excl. VAT)				·					·			
CONSCAL-EN-P	Core Analysis for Reservoir Characterization	•			In-house	5	-	-												
SCAL-EN-P	Special Core Analysis	•			In-house	5	-	-												
Reservoir &	Field Development / Reservoir Engineering																			
INFORES-EN-D	Introduction to Reservoir Engineering		•		Public	5	Virtual Classroom	€ 3 214											20 ▶ 24	
PVT-EN-P	Reservoir Fluid Properties - PVT	•			Public	5	Rueil-Malmaison	€ 3 348										9 ▶ 13		
WTA-EN-P	Well Testing & Well Test Analysis	•			Public	5	Rueil-Malmaison	€ 3 348										23 ▶ 27		
DRIVEOR-EN-P	Drive Mechanisms - Enhanced Oil Recovery	•			Public	7	Rueil-Malmaison	€ 5 345											2 ▶ 10	
DRIVE-EN-P	Drive Mechanisms & EOR	•			Public	4	Virtual Classroom	€ 3 038					15 ▶ 18							
DSIMRES-EN-P	Dynamic Reservoir Simulation	•			Public	10	Rueil-Malmaison	€ 6 365											20	▶1
EORG-EN-P	Miscible Gas EOR Certification	•			In-house	5	-	-												
EORC-EN-P	Chemical EOR Certification	•			In-house	5	-	-												
SIMRADV-EN-P	Advanced Dynamic Reservoir Simulation	•			In-house	5	-	-												
WTAADV-EN-P	Advanced Well Test Analysis Certification	•			In-house	5	-	-												
PVTMOD-EN-P	PVT Modeling	•			In-house	5	-	-												
DCA-EN-P	Decline Curves Analysis	•			In-house	5	-	-												
PETROF-EN-P	Introduction to Petrophysics	•			In-house	5	-	-												
CO2-EN-P	CO2 Geological Storage Overview	•			Public	3	Rueil-Malmaison	€ 2 987						5 ▶ 7						
CO2RES-EN-P	CO2 Geological Storage for Geoscientists & Reservoir Engineers	•			In-house	3	-	-												
CO2ADV-EN-P	CO2 Geological Storage Workshop	•			In-house	5	-	-												
Field Devel	opment																			
GEOTHER-EN-P	Introduction to Geothermal Energy Uses & Operations	•			Public	3	Virtual Classroom	€2987											6 ▶ 8	
FDP-EN-P	Field Development Project & Uncertainties				In-house	5	-	-												

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Explore & Produce



Reservoir & Field Development - Drilling & Completion Engineering

Deference	Training Title	D	elivery	Туре	Duration	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	Training Trac		D E B	1370	(day)	Location	(Excl. VAT)	Juli	1.05	Mai	\Apr	indy	Jun	Jui	Aug	ЭСР	000	1,5,	Dec
Drilling & C	ompletion Engineering / General Drilling & Completion																		
INTP-EN-P	Well Operations & Completion Engineering Certification	•		In-house	40	-	-												
FOSIM-EN-P	Supervisor Training on Drilling Simulator	•		In-house	5	-	-												
INIFOD EN D	Delling Foundation and I	•		D. J. II.		Rueil-Malmaison	6.7.010										16 ▶ 20		
INFOR-EN-P	Drilling Fundamentals	•		- Public	5	Pau	€ 3 810									4 ▶ 8			
INFOR-EN-D	Drilling Fundamentals		•	Public	5	Virtual Classroom	€ 3 810							3 ▶ 7					
INPF-EN-P	Well Completion & Servicing	•		Public	5	Rueil-Malmaison	€ 3 810											27	▶1
FOFP-EN-P	Drilling & Completion Engineering Certification	•		Public	98	Pau	€ 51 950	23		•			9						
FOFPF-EN-P	Drilling Engineering	•		Public	83	Pau	€ 44 130	23	▶10	6		>	9						
FOFPC-EN-P	Completion Engineering	•		Public	58	Pau	€ 31 820	23	•	3		2	▶ 9						
DWE-EN-P	Deepwater Drilling & Completion Certification	•		In-house	50	-	-												
Drilling & C	ompletion Engineering / Drilling																		
PAWPCE-EN-P	Practical Aspects of Well Construction & Planning	•		Public	10	Rueil-Malmaison	€ 7 190											13 ▶ 24	
FTFP-EN-P	Geological Field Trip for Drillers	•		Public	5	Pau	€ 3 810	23 ▶ 27											
BACFP-EN-P	Fundamentals of Drilling & Completion	•		Public	5	Pau	€ 3 810	30	▶3										
ARCHI-EN-P	Well Architecture & Equipment	•		Public	5	Pau	€ 3 810			6 ▶ 10									
OUTGARN-EN-P	Bit & Drill String & Fishing while Drilling	•		Public	5	Pau	€ 3 810			27 ▶ 31									
BOP-EN-P	Rig, BOP's & Well Control Equipment	•		Public	5	Pau	€ 3 810				24 ▶ 28								
MUDLOGE-EN-P	Mud Logging & Data Acquisition Engineering Certification	•		In-house	35	-	-												
LOGFI-EN-P	Data Acquisition during Drilling Operations	•		Public	5	Pau	€ 3 810				17 ▶ 21								
HSEFOR-EN-P	HSE in Drilling Operations	•		Public	5	Pau	€ 3 810					2 ▶ 5							
FDTDH-EN-P	Directional & Horizontal Drilling Certification	•		Public	5	Pau	€ 3 810				3 ▶ 7								
GEOM-EN-P	Geomechanics for Drillers	•		In-house	3	-	-												

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Explore & Produce Drilling & Completion Engineering



Reference	Training Title	ı	Deliver:	У	Type	Duration	Location	Tuition Fees	Jan	Feb	Mor	Ans	May	Tun	Jul	Aug	Con	Oct	Nov	Dec
Reference	Training rice	Р	D E	В	Туре	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jui	Aug	Sep	Oct	Nov	Dec
UBD-EN-P	Underbalanced & Managed Pressure Drilling: Applications, Design & Operations	•			In-house	5	-	-												
GEOST-EN-D	Geosteering		•		Public	3	Virtual Classroom	€ 3 810											27 ▶ 29	
OFDW-EN-P	Deepwater Drilling & Development Certification	•			Public	5	Pau	€ 3 810					9 ▶ 12							
WHEAD-EN-P	Wellhead & Blowout Preventers	•			In-house	3	-	-												
STUCKP-EN-P	Stuck Pipe Prevention	•			In-house	5	-	-												
FORNTEC-EN-P	New Technologies: Completion, HPHT, MPD	•			In-house	5	-	-												
HPHT-EN-P	HPHT Drilling Design & Operations	•			In-house	5	-	-												
Drilling & C	ompletion Engineering / Fluids																			
FLU-EN-P	Drilling Fluids	•			Public	5	Pau	€ 3 810			13 ▶ 17									
CIM1-EN-P	Cementing Practices	•			Public	5	Pau	€ 3 810			20 ▶ 24									
CIM2-EN-P	Advanced Cementing Practices	•			In-house	5	-	-												
Drilling & C	ompletion Engineering / Completion & Well Operations																			
WHMAINT-EN-P	Wellhead Selection & Maintenance	•			In-house	5	-	-												
PPLCT-EN-P	Well Productivity & Reservoir - Wellbore Interface	•			Public	5	Pau	€ 3 810		6 ▶ 10										
WELTEST-EN-P	Well Test Operation	•			Public	4	Pau	€ 3 810				11 ▶ 14								
EQTP-EN-P	Well-Completion Equipment & Procedures for Flowing Wells	•			Public	5	Pau	€ 3 810		13 ▶ 17										
TUBMF-EN-P	Tubing Movement & Forces	•			In-house	3	-	-												
TRAIT-EN-P	Wellbore Treatments	•			Public	5	Pau	€ 3 810		20 ▶ 24										
ACID-EN-P	Matrix Acidizing	•			In-house	5	-	-												
FRAC-EN-P	Basic Hydraulic Fracturing	•			In-house	5	-	-												
TAWO-EN-P	Artificial Lift & Well Intervention Fundamentals	•			Public	5	Pau	€ 3 810		27	▶3									
GLIFT-EN-P	Artificial Lift: Gas Lift	•			In-house	5	-	-												
APOMP-EN-P	Artificial Lift: Pumping	•			In-house	5	-	-												

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Explore & Produce Drilling & Completion Engineering



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5.6		[Delive	ry	_	Duration		Tuition Fees						_						
Reference	Training Title	Р	D E	В	Туре	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CTA-EN-P	Coiled Tubing & Nitrogen Operations in Completion & Workover	•			In-house	5	-	-												
TPP-EN-P	Well Equipment & Operation for Production Engineer	•			Public	5	Rueil-Malmaison	€ 3 810										16 ▶ 20		
WSWO-EN-P	Well Servicing & Workover	•			In-house	5	-	-												
WPERF-EN-P	Well Performance	•			In-house	5	-	-												
WPERF-EN-D	Well Performance		•		In-house	5	Virtual Classroom	-												
WPERF2-EN-P	Advanced Well Performance	•			In-house	10	-	-												
WELINT-EN-P	Well Integrity	•			In-house	5	-	-												
WPINT-EN-P	Well Production Integrity	•			In-house	2	-	-												
WPINT-EN-D	Well Production Integrity		•		In-house	2	Virtual Classroom	-												
WELINTM-EN-P	Well Production Integrity Management	•			In-house	5	-	-												
WPERFE-EN-P	Well Performance Engineering Certification	•			In-house	35	-	-												
WELINTE-EN-P	Well Integrity Engineering Certification	•			In-house	35	-	-												
Drilling & C	ompletion Engineering / Well Control																			
FPE2-EN-P	IWCF Well Control - Level 2	•			In-house	5	-	-												
FPE3&4-EN-P	IWCF Well Control - Level 3 or 4	•			Public	5	Pau	€ 2 570			6 ▶ 10		22 ▶ 26				11 ▶ 15			
CP2-EN-P	IWCF Well Intervention & Pressure Control - Level 2	•			In-house	5	-	-												
EWCL4-EN-P	Enhanced Well Control - Level 4	•			In-house	5	-	-												
CP3&4-EN-P	Well Intervention & Pressure Control - Level 3 or 4	•			Public	5	Pau	€ 3 690						5▶9						
STRIP-EN-P	Stripping	•			In-house	3	-	-												

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Explore & Produce Production Engineering - Field Operations



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		D	elivery		Duration		Tuition Fees						_				_		
Reference	Training Title		D E B	Туре	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Production	Engineering																		
PRODENG-EN-P	Production Engineering Certification	•		In-house	60	-	-												
METER-EN-P	Metering & Allocation	•		Public	5	Pau	€ 4 110									25 ▶ 29			
OPTI-EN-P	Integrated Production Modeling - Module 1	•		In-house	5	-	-												
OPT2-EN-P	Integrated Production Modeling - Module 2 (Project)	•		In-house	5	-	-												
NETWORK-EN-P	Gathering Network: Design Engineering	•		In-house	5	-	-												
PIPENG-EN-P	Pipeline Network Engineering & Operation Certification	•		In-house	60	-	-												
MATURE-EN-P	Mature Fields - Surface Production Issues	•		In-house	5	-	-												
HEAVY-EN-P	Heavy Oil Production & Processing	•		In-house	5	-	-												
GASCYCL-EN-P	Gas Cycling: an Integrated Approach	•		In-house	5	-	-												
Field Opera	tions / Production Operations																		
TERM-EN-P	Oil Terminals, FSO & FPSO	•		In-house	5	-	-												
OGFP-EN-P	Oil & Gas Field Processing	•		Public	5	Rueil-Malmaison	€ 3 850											20 > 24	
FPSPF-EN-P	Field Processing & Surface Production Facilities	•		Public	10	Rueil-Malmaison	€ 7 290											20	▶ 1
TROUBLE-EN-P	Oil & Gas Field Processing Troubleshooting	•		In-house	5	-	-												
CPBOA-EN-P	Preparatory Course for Production Operator	•		In-house	25	-	-												
BOAM-EN-P	Upstream Field Operator Certification	•		In-house	185		-												
PANELOP-EN-P	Upstream Panel Operator Certification	•		In-house	30	-	-												
PRODSUP-EN-P	Production Supervisor Certification	•		In-house	45	-	-												
PRODSI-EN-P	Production Superintendent Certification	•		Public	58	Pau	€ 44 500									20	•		8
FIELDIG-EN-P	Field Operations Engineer Certification	•		In-house	60	-	-												
WELLOP-EN-P	Well Operation & Testing	•		In-house	5	-	-												
GASLIFT-EN-P	Operation of Gas Lift Wells	•		In-house	3	-	-												

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Explore & ProduceField Operations - Surface Facilities Engineering



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Deference	Tuelola y Tidla	D	elivery	Turne	Duration	Lacation	Tuition Fees	7	- Fall	Man	A	Maria	7	71	A	C-11	0-+	New	D
Reference	Training Title	P I) E	В	(day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CHIMIC-EN-P	Chemicals used in Production Activities	•		In-hous	5	-	-												
ADVCCR-EN-P	Production Facilities Control Room Operation	•		In-hous	e 10	-	-												
LABO-EN-P	<u>Laboratory Analyses for Oil & Gas Production</u>	•		In-hous	5	-	-												
REFREOP-EN-P	Refresher Course for Production Operator	•		In-hous	e 15	-	-												
PUMPOP-EN-P	Pumps Operation	•		In-hous	5	-	-												
COMPOP-EN-P	Compressors Operation	•		In-hous	5	-	-												
Field Opera	tions / Production Excellence & Management																		
PLANING-EN-P	Production Planning & Monitoring	•		In-hous	5	-	-												
BILMAT-EN-P	Production Accounting & Material Balance	•		In-hous	3	-	-												
INTEGRI-EN-P	Asset Integrity Management	•		In-hous	5	-	-												
Field Opera	tions / Maintenance																		
TURNARO-EN-P	Turnaround Management	•		In-hous	e 5	-	-												
GENMAIN-EN-P	<u>Fundamentals of Mechanical Maintenance</u>	•		In-hous	5	-	-												
PPMAIN-EN-P	Pump Maintenance Workshop	•		In-hous	e 10	-	-												
COMPMAI-EN-P	Compressors Maintenance	•		In-hous	5	-	-												
GESMAIN-EN-P	Maintenance Management Certification	•		Public	5	Pau	€ 3 850											13 ▶ 17	
INGMAIN-EN-P	Upstream Maintenance Engineer Certification	•		In-hous	60	-	-												
MAINSUP-EN-P	Maintenance Supervisor Certification	•		In-hous	e 35	-	-												
MAINSI-EN-P	Maintenance Superintendent Certification	•		Public	58	Pau	€ 44 500									20	>		8
Surface Fac	cilities Engineering / Process Engineering																		
OGPROC-EN-P	Oil & Gas Process Engineering Certification	•		In-hous	e 60	-	-												
OGADV-EN-P	Advanced Oil & Gas Process Engineering Certification	•		In-hous	35	-	-												
ADV-EN-P	Advanced Oil & Gas Field Processing Certification	•		In-hous	e 15	-	-												

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Explore & ProduceSurface Facilities Engineering - Soft Skills for O&G



Deference	The lates of the	C	elivery		T	Duration		Tuition Fees		5.1					2.1		6			D.,
Reference	Training Title		D E		Type	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ADVI-EN-P	Module 1: Thermodynamics Applied to Well Effluent Processing	•			Public	5	Rueil-Malmaison	€ 4 170									11 ▶ 15			
ADV2-EN-P	Module 2: Oil & Water Processing	•			Public	5	Rueil-Malmaison	€ 4 170									18 ▶ 22			
ADV3-EN-P	Module 3: Gas Processing & Conditioning	•			Public	5	Rueil-Malmaison	€ 4 170									25 ▶ 29			
SIMUL-EN-P	Oil & Gas Process Simulation	•			Public	5	Rueil-Malmaison	€ 4 170												4 ▶ 8
ACIDE-EN-P	Gas Sweetening & Sulfur Recovery	•		ı	In-house	5	-	-												
STAND-EN-P	Technical Standards for Surface Facilities Design	•		ı	In-house	5	-	-												
Surface Fac	cilities Engineering / Static Equipment																			
EQDESIG-EN-P	Process Equipment Engineering	•		ı	In-house	5	-	-												
FLARE-EN-P	Flare Network Design Engineering	•		ı	In-house	5	-	-												
Surface Fac	cilities Engineering / Electricity & Instrumentation																			
E&I-EN-P	E&I Technology for Oil & Gas Facilities	•			Public	5	Pau	€ 3 850										16 ▶ 20		
Surface Fac	cilities Engineering / Maintenance & Inspection																			
CORR-EN-P	Corrosion Prevention in Oil & Gas Production	•		ı	In-house	5	-	-												
INSPECT-EN-P	Maintenance & Inspection of Static Equipment	•		ı	In-house	20	-	-												
NDTIW-EN-P	Non-destructive Testing for Petrochemical Industries	•		ı	In-house	5	-	-												
INSP-EN-P	Inspector Certification	•		ı	In-house	40	-	-												
Soft Skills f	or O&G																			
SOFTINI-EN-P	Oral Communication Techniques	•		I	In-house	2	-													
SOFTMID-EN-P	Soft Skills for the Middle Managers	•		ı	In-house	5	-													
SOFTADV-EN-D	Soft Skills for Top Managers	•		ı	In-house	16h	-													

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Explore & Produce Data Management & Data Science



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Deference	Toolining Title	De	livery	Tomas	Duration	Lasatian	Tuition Fees	7	F-1-	Man	A == ==	Maur	7	201	A	Carr	0-4	Navi	Des
Reference	Training Title	P D		Туре	(day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Data Mana	gement & Data Science																		
DMFUND-EN-D	Data Management Fundamentals (DAMA)	•		Public	5	Virtual Classroom	€ 4 007										16 ▶ 20		
DMOPE-EN-P	Introduction to Data Management for Operations	•		In-house	3	-	-												
DMDAEP-EN-P	Data Management & Data Science for E&P Operations Certification	•		Public	50	Virtual Classroom	€ 29 098										9	•	22
DMEP-EN-D	Data Management for E&P Operations	•		Public	30	Virtual Classroom	€ 17 459										9	▶24	
DMFORMA-EN-D	E&P Data: Value & Format	•		Public	5	Virtual Classroom	€ 3 214										9 ▶ 13		
DMCYBR-EN-D	Data Protection & Cybersecurity	•		Public	5	Virtual Classroom	€ 3 214										23 ▶ 27		
DMARCHI-EN-D	E&P Data Architecture & Big Data	•		Public	3	Virtual Classroom	€ 2 987											6▶8	
DMVIRTU-EN-D	Virtualization & Data Transfer/IoT	•		Public	2	Virtual Classroom	€2009											9 ▶ 10	
GIS-EN-D	Geographic Information Systems	•		Public	5	Virtual Classroom	€ 3 214											13 ▶ 17	
DIGTWIN-EN-D	From Data Lakes to Digital Twins	•		Public	2	Virtual Classroom	€2009											20 ▶ 21	
DATROOM-EN-D	National Data Repositories & Data Rooms	•		Public	2	Virtual Classroom	€2009											23 ▶ 24	
DAEP-EN-D	Data Science for E&P Operations	•		Public	10	Virtual Classroom	€ 6 365											27	▶8
DABASIC-EN-D	Introduction to Data Science & Analytics for O&G Professionals	•		Public	1	Virtual Classroom	€ 999											27	
MLBASIC-EN-D	Machine Learning Concepts	•		Public	3	Virtual Classroom	€ 2 987											28 ▶ 30	
DAPYTH-EN-D	Python Scripting	•		Public	1	Virtual Classroom	€ 999												1
MLTXT-EN-D	Text Analysis using Machine Learning	•		Public	1	Virtual Classroom	€ 999												4
DETECOB-EN-D	Object Detection	•		Public	3	Virtual Classroom	€ 2 987												5 ▶ 7
MLEVAL-EN-D	Evaluation/Validation of Machine Learning Models	•		Public	1	Virtual Classroom	€ 999												8
DMDAPRJ-EN-P	Data Management & Data Science Final Project	•		Public	10	Rueil-Malmaison	€ 6 365												11 ▶ 22
DMQUAL-EN-D	Practical Data Quality Management - DAMA	•		In-house	5	-	-												
DBASE-EN-P	Data Base Set Up & Evaluation	•		In-house	5	-	-												
DMMNG-EN-P	Data Management Challenges for Managers	•		In-house	2	-	-												

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E : E-Learning **B** : Blended-Learning

D: Virtual Instructor-Led Trainings









Explore & ProduceData Management & Data Science - Project Management



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Reference	Training Title		Delive	ry	Type	Duration	Location	Tuition Fees	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	Training file	Р	D I	В	Туре	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	мау	Jun	Jui	Aug	Sep	Oct	NOV	Dec
CYBROGP-EN-P	Cybersecurity for O&G Professionals	•			In-house	1	-	-												
CYBRMNG-EN-P	Cybersecurity for Managers	•			Public	1	-	-												
MLRES-EN-P	Introduction to Data Analytics & Machine Learning Techniques for Geosciences & Reservoir Eng.	•			In-house	3	-	-												
DIGITEC-EN-P	Emerging Digital Technologies	•			In-house	5	-	-												
Project Mar	nagement / Project Implementation																			
PROJ-EN-P	E&P Project Management Certification	•			Public	5	Rueil-Malmaison	€ 3 850											13 ▶ 17	
UPMC-EN-P	<u>Upstream Project Management Certification</u>	•			In-house	65	-	-												
PROJAFL-EN-P	E&P Value Chain & Front-End Development	•			Public	5	-	-												
PVM-EN-P	E&P Projects Value Management	•			In-house	5	-	-												
PRDAW-EN-P	E&P Project Risk & Decision Analysis Workshop	•			In-house	5	-	-												
EPQAQC-EN-P	E&P Project Quality & Risk Management	•			In-house	3	-	-												
OFFPM-EN-P	Offshore E&P Project Management	•			In-house	3	-	-												
PMO-EN-P	Building a Project Management Office (PMO)	•			In-house	3	-	-												
LOGP-EN-P	E&P Project Logistics Management	•			In-house	5	-	-												
Project Mar	nagement / Project Control																			
PCGB-EN-P	E&P Project Control Tools	•			Public	5	Rueil-Malmaison	€ 3 850										9 ▶ 13		
CONTRA-EN-P	E&P Technical Service Contracts	•			Public	5	Rueil-Malmaison	€ 3 850										23 ▶ 27		
NEGO-EN-P	E&P Technical Contract Negotiation	•			In-house	4	-	-												
ESTIM-EN-P	E&P Project Cost Estimation & Control Certification	•			Public	5	Rueil-Malmaison	€ 3 850											20 ▶ 24	
OPEX-EN-P	E&P Project Operating Expenses Optimization	•			In-house	2	-	-												
PSPC-EN-P	E&P Project Planning & Scheduling Workshop	•			In-house	5	-	-												

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Explore & Produce Project Management - HSE



Reference	Training Title		elivery	Туре	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Project Ma	nagement / Project Construction																		
CONSTI-EN-P	Upstream Project Construction Techniques	•		In-house	5	-	-												
CONST2-EN-P	Upstream Project Construction Site Administration	•		In-house	5	-	-												
CONST3-EN-P	Upstream Project Construction HSE Management	•		In-house	5	-	-												
CONST4-EN-P	Offshore Oil & Gas Project Installation	•		In-house	5	-	-												
CONSUP-EN-P	Upstream Project Construction Works Supervision	•		In-house	5	-	-												
DISM-EN-P	Upstream Project Abandonment Operations	•		In-house	5	-	-												
CONENG-EN-P	E&P Project Construction Certification	•		In-house	60	-	-												
CONSSI-EN-P	E&P Construction Superintendent Certification	•		In-house	60	-	-												
HSE / Oper	ational HSE																		
HSESI-EN-P	HSE Superintendent Certification	•		Public	58	Pau	€ 44 500									20	•		8
EPSAFOP-EN-P	HSE in Surface Production Operations	•		Public	5	Pau	€ 3 850										9 ▶ 13		
POSCULT-EN-P	Positive HSE Culture	•		In-house	2	-	-												
EPWORK-EN-P	HSE in Maintenance & Construction Activities	•		In-house	5	-	-												
OCCSAF-EN-P	Occupational Safety	•		In-house	5	-	-												
OCCHEAL-EN-P	Occupational Health	•		In-house	3	-	-												
HSE / Proce	ess Safety & Safety Engineering																		
PSENG-EN-P	Process Safety Engineer Certification	•		In-house	40	-	-												
FUNDPSM-EN-P	Fundamentals of Process Safety	•		Public	5	Pau	€ 3 850										9 ▶ 13		
PSM-EN-P	Process Safety Management	•		In-house	10	-	-												

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E: E-Learning

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B: Blended-Learning









Explore & Produce HSĖ



Deference	Training Title		Delivery	Turne	Duration	Location	Tuition Fees	Jan	Feb	Mar	A	Maria	Jun	7.4	A	Cara	Ort	New	Dec
Reference	Training fille		D E	Type	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SAFENGC-EN-P	Safety Engineering Certification	•		Public	15	Pau	€ 11 550											13	▶ 1
SAFENG1-EN-P	Safety Engineering - Module 1	•		Public	5	Pau	€ 3 850											27	▶1
SAFENG2-EN-P	Safety Engineering - Module 2	•		Public	5	Pau	€ 3 850												4 ▶ 8
SAFENG3-EN-P	Safety Engineering - Module 3 (Project)	•		Public	5	Pau	€ 3 850												11 ▶ 15
HSE / Susta	inable Development																		
ENVSOC-EN-P	Environmental & Social Risk Management	•		In-house	5	-	-												
SOCIAL-EN-P	Social Risk Management	•		In-house	5	-	-												
ENVMGT-EN-P	Environmental Management	•		Public	5	Pau	€ 3 850												4 ▶ 8
WASTMGT-EN-P	Environmental Pollution & Waste Management	•		In-house	5	-	-												
HSE Manag	ement				'														
HSEENG-EN-P	HSE Engineer Certification	•		In-house	60	-	-												
HSEMGT-EN-P	HSE Management	•		Public	5	Pau	€ 3 850											13 ▶ 17	
CRISIS-EN-P	Emergency Response Planning	•		In-house	3	-	-												
MEMIR-EN-P	Major Emergency Management - Initial Response Training	•		In-house	3	-	-												
HSESUP-EN-P	HSE for Support Personnel	•		In-house	60	-	-												
NRJENG-EN-P	Energy Transition Engineer Certification	•		In-house	60	-	-												
SHEINVO-EN-P	HSE Daily Involvement	•		In-house	2	-	-												
AUDSECU-EN-P	Field Safety Audit	•		In-house	2	-	-												
SAFLEAD-EN-P	Safety Leadership	•		In-house	3	-	-												
SHEMAN-EN-P	Improve your HSE Management System	•		In-house	3	-	-												
RISQTEC-EN-P	Technological Risk Awareness	•		In-house	1	-	-												

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Explore & Produce HSE - Gas - Unconventional



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			Delivery			Duration		Tuition Fees												
Reference	Training Title		D E	В	ype '	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Gas / Natur	al Gas Chain																			
NATGAS-EN-P	Natural Gas	•		In-h	house	5	-	-												
NGSTOCK-EN-P	Natural Gas Storage	•		In-h	house	2	-	-												
NGTRANS-EN-P	Natural Gas Transport by Pipeline	•		In-h	house	2	-	-												
ENERGY-EN-P	From Gas to Energy	•		In-h	house	5	-	-												
INGGAZ-EN-P	Gas Production & Processing Engineer Certification	•		In-h	house	70	-	-												
GCHAIN-EN-P	Gas Processing & Compression Operations	•		In-h	house	5	-	-												
Gas / LNG C	Chain																			
LNG-EN-P	Liquefied Natural Gas (LNG)	•		Pu	ublic	5	Rueil-Malmaison	€ 5 065											13 ▶ 17	
LNGENG-EN-P	LNG Processing Engineer Certification	•		In-h	house	60	-	-												
NGL-EN-P	Natural Gas Liquids Extraction	•		In-h	house	3	-	-												
LNGSIM-EN-B	LNG Process Simulation	•		Pu	ublic	5	Rueil-Malmaison	€ 4 468									18 ▶ 22			
Unconvent	ional																			
SHALEP-EN-P	Tight Sand & Shale Plays - In Unconventional Settings	•		In-h	house	5	-	-												
UNCON-EN-P	Hydrocarbons in Unconventional Settings	•		In-h	house	3	-	-												
UNCONV-EN-P	Unconventional Resources - Shale Gas Fundamentals	•		In-h	house	5	-	-												
UNCONVR-EN-P	Unconventional Resources - "Tight & Shale Gas: an Integrated Subsurface to Surface Approach"	•		In-h	house	50	-	-												
SHALE-EN-P	Unconventional Resources - Shale Gas Characterization, Modeling & Engineering	•		In-h	house	10	-	-												
UARCDD-EN-P	Well Architecture & Directional Drilling in Unconventional Wells	•		In-h	house	5	-	-												
URCS-EN-P	Unconventional Reservoirs Completion & Stimulation	•		In-h	house	5	-	-												
UPROD-EN-P	Well Performance: Shale Gas Wells	•		In-h	house	5	-	-												
UNCODCA-EN-P	Well Productivity & Decline Curve Analysis in Unconventional Reservoirs	•		In-h	house	5	-	-												

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P: Face-to-Face Trainings

E: E-Learning

D: Virtual Instructor-Led Trainings









Explore & Produce Unconventional - Offshore



29

Reference	Training Title		Delivery D E I	Туре	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
UCSAFOP-EN-P	Unconventional Resources: Safety Issues	•		In-house	5	-	-												
UCENV-EN-P	Unconventional Resources: Environmental Management Certification	•		In-house	5	-	-												
SUBGEOL-EN-D	Subsurface Geology Certification for Operation Geologists & Well Site Geologists		•	Public	3	Virtual Classroom	€ 3120		22 ▶ 24	22 ▶ 24	26 ▶ 28	24 ▶ 26	21 ▶ 23	19 ▶ 21		20 ▶ 22	18 ▶ 20	15 ▶ 17	13 ▶ 15
MUDLOGD-EN-D	Mud Logging Certification for Data Engineers		•	Public	3	Virtual Classroom	€ 3120		22 ▶ 24		19 ▶ 21		28 ▶ 30	11 ▶ 13		27 ▶ 29		15 ▶ 17	13 ▶ 15
MUDLOGM-EN-D	Mud Logging Certification for Mud Loggers		•	Public	3	Virtual Classroom	€ 3120		22 ▶ 24		19 ▶ 21		28 ▶ 30	11 ▶ 13		27 ▶ 29		15 ▶ 17	13 ▶ 15
Offshore / 0	Offshore Field Architecture																		
OFFSH-EN-P	Offshore Field Development - Pipelines & Flow Assurance	•		Public	5	Rueil-Malmaison	€3840										16 ▶ 20		
OFFSHIG-EN-P	Offshore Field Development Engineering Certification	•		In-house	65	-	-												
Offshore / S	Subsea																		
HYDR-EN-P	Pipeline Hydraulics & Multiphase Flow	•		In-house	5	-	-												
OFF-EN-P	Subsea Activities	•		In-house	9	-	-												
SPS-EN-P	Subsea Production Systems (SPS)	•		Public	5	Rueil-Malmaison	€ 3 670									25 ▶ 29			
SPIPE-EN-P	Subsea Pipelines	•		Public	4	Rueil-Malmaison	€ 2 890									18 ▶ 21			
SUBINTI-EN-P	Subsea Integrity Management (I) - Inspection, Monitoring & Testing	•		In-house	5	-	-												
SUBINT2-EN-P	Subsea Integrity Management (II) – Non-Conformity Management	•		In-house	5	-	-												

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D: Virtual Instructor-Led Trainings







TRANSFORM & VALORIZE TRAINING SUBDOMAINS



30



TRANSFORM & VALORIZE

Refining, Petrochemicals & Natural Gas	Instrumentation, Control & Electricity
Applied Chemical Engineering	Maintenance & Works Supervision
Processes	Operation in the Downstream Industry
Petroleum Products, Analysis, Transfer & Storage	HSE
Equipment, Materials, Corrosion & Inspection	Project Management
Energy & Thermal Equipment	Engineering Studies
Rotating Equipment	









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Refining, Petrochemicals & Natural Gas - Applied Chemical Engineering

Reference	Training Title		Deliv	ery	Typo	Duration	Location	Tuition Fees	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	Training rice	Р	D	Е В	Type	(day)	Location	(Excl. VAT)	Jan	reb	Mai	Apr	Мау	Jun	Jui	Aug	Sep	Oct	INOV	Dec
Refining																				
BRP-EN-P	Refining Processes & Petroleum Products	•			Public	5	Bahrain	€ 3 350			26 ▶ 30									
PRORAF-EN-P	Understanding the Operation of Refining Processes	•			In-house	5	-	-												
UTILENV-EN-P	Utilities - Environment Management	•			In-house	5	-	-												
ITR-EN-P	Introduction to Refining Techniques	•			In-house	3	-	-												
ITREQ-EN-P	Place & Role of Equipment in Refining & Chemical Processes	•			In-house	6	-	-												
RECENT-EN-P	Recent Developments in Oil Refining Technologies	•			Public	4	Rueil-Malmaison	€ 3 130										3 ▶ 6		
ASU-EN-P	Air Separation Unit	•			In-house	3	-	-												
Petrochem	icals																			
PETRO-EN-B	Production of Base Chemicals & Commodity Polymers			•	Public	4	Bahrain	€ 3 350			21 ▶ 24									
DECPOL-EN-P	Introduction to the Polymer Industry	•			In-house	1	-	-												
Gas																				
SYNGASE-EN-P	<u>Gas Valorization</u>	•			In-house	3	-	-												
GTLE-EN-P	Gas-To-Liquid Technologies	•			In-house	2	-	-												
PFH-EN-P	Hydrogen Chain Outlook	•			Public	2	Rueil-Malmaison	€ 2 170					31	▶1						
Applied Ch	emical Engineering																			
GENCHIM-EN-P	Applied Chemical Engineering Certification	•			In-house	10	-	-				3 modu	les: Mod1	3days – N	∕lod2 3da	ys – Mod3	4 days			
PIDE-EN-P	Process Engineering - Equipment Sizing	•			In-house	5	-	-												
TBS-EN-P	Troubleshooting in the Oil & Gas Industry	•			In-house	3	-	-												
GDPETRC-EN-P	Graduate Diploma of Petroleum Studies Refining & Petrochemicals	•			In-house	-	-	-												
PETREF-EN-P	Petroleum Refining & Petrochemicals Certification	•			In-house	85	-	-												
GRC-EN-P	Chemical Reaction Engineering	•			In-house	3	-	-												

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E: E-Learning

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Applied Chemical Engineering - Processes



32

Reference	Training Title		Deliver	y	Туре	Duration	Location	Tuition Fees	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reference	Training rice	Р	D E	В	Турс	(day)	Location	(Excl. VAT)	Juli	165	Iviai	Αρι	Ividy	Juli	Jui	Aug	Зер	000	1407	Dec
GCA1-EN-E	Hydrocarbon Types & Impurities		•		In-house	-	-	-												
GCA2-EN-E	<u>Distillation Process</u>		•		In-house	-	-	-												
GCA3-EN-E	Introduction to Catalysts		•		In-house	-	-	-												
PRO2HYS-EN-P	Practice of PRO-II/Provision or HYSYS Simulation Software	•			In-house	2	-	-												
Processes	Separation Processes																			
DSS-EN-P	Distillation Certification - Optimization & Troubleshooting	•			Public	5	Rueil-Malmaison	€ 3 620						19 ▶ 23						
ICD-EN-P	Operation of a Binary Distillation Column - Level 1	•			In-house	4	-	-												
CCDSS-EN-P	Operation of a Binary Distillation Column - Level 2	•			In-house	5	-	-												
DSMSS-EN-P	Operation of a Multiple-Draw Distillation Column	•			In-house	5	-	-												
INCOL-EN-P	Column Internals	•			In-house	2	-	-												
Processes	Refining Processes																			
CATAL-EN-P	Catalysts in Refining Processes	•			Public	5	Lyon-Solaize	€ 3 350											13 ▶ 17	
REFI-EN-P	Light Cuts Processing	•			In-house	5	-	-												
REF2-EN-P	Heavy Cuts Processing	•			In-house	5	-	-												
HDT-EN-P	Hydrotreatment Processes	•			In-house	4	-	-												
HDTS-EN-P	Operation of Hydrotreatment Processes	•			In-house	4	-	-												
DADSV-EN-P	Crude Oil & Vacuum Distillation	•			In-house	5	-	-												
REFCAT-EN-P	Catalytic Reforming for Refining & Petrochemicals	•			In-house	5	-	-												
ISOM-EN-P	Light Gasoline Isomerization	•			In-house	2	-	-												
FCC-EN-P	Fluid Catalytic Cracking Operation	•			In-house	5	-	-												
ALKY-EN-P	Alkylation (HF or H2SO4)	•			In-house	4	-	-												
HCK-EN-P	Hydrocracking	•			In-house	4	-	-												
VAPOREF-EN-P	Hydrogen Production Unit	•			In-house	2	-	-												

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Processes - Petroleum Products, Analysis, Transfer & Storage

Deference	To take a Take		Deliv	ery	T	Duration	I a continu	Tuition Fees	-	F.1				7.1	6	0.1	No.	
Reference	Training Title	Р	D	Е В	Type		Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May		Sep	Oct	Nov	Dec
PFCS-EN-P	H2S Removal & Sulfur Recovery Processes	•			In-house	3	-	-										
VISCO-EN-P	Visbreaking	•			In-house	3	-	-										
COKER-EN-P	Cokefaction	•			In-house	3	-	-										
UPGRADE-EN-P	Extra Heavy Crude Oil Upgrading	•			In-house	5	-	-										
Processes ,	Petrochemical & Chemical Processes																	
RCIVAPO-EN-P	Cracking & Chemical Treatments of Purification	•			In-house	5	-	-										
HYDVAPO-EN-P	Selective Hydrogenation of the Steamcracker	•			In-house	3	-	-										
DISTEXT-EN-P	Extractive Distillation	•			In-house	3	-	-										
PPLAS-EN-P	Commodity Polymers Manufacturing	•			In-house	3	-	-										
POLYK-EN-P	Polymers Fundamentals & Rheology	•			In-house	5	-	-										
POLYENG-EN-P	Polymer Reaction Engineering	•			In-house	5	-	-										
MAIPOLY-EN-P	Main Polymers PE/PP/PS	•			In-house	5	-	-										
ETHCO-EN-P	Ethylene Compression & Hypercompression	•			In-house	4	-	-										
PVCE-EN-P	From Chlorine to PVC: Production Processes	•			In-house	2	-	-										
EXTRU-EN-P	Polymers Extrusion & Pelletizing	•			In-house	3	-	-										
CRC-EN-P	Operation of a Chemical Production Unit	•			In-house	2	-	-										
FERTILE-EN-P	Chemical Fertilizer Manufacturing	•			In-house	4	-	-										
Petroleum	Products & Analysis, Transfer & Storage																	
AMT-EN-P	Analytical Methods & Techniques Applied to Hydrocarbons & Derivatives	•			In-house	5	-	-										
PCTS-EN-P	Properties, Formulation, Transfer & Storage of Petroleum Products	•			In-house	8	-	-										
AUTOOFF-EN-P	Fuel Manufacturing - In Line Blending Optimization	•			In-house	3	-	-										
PSTGPL-EN-P	Properties, Storage & Transfer of LPG	•			In-house	4	-	-										
TLPIP-EN-P	Liquid Transport by Pipeline	•			In-house	4	-	-										

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Equipment, Materials, Corrosion & Inspection - Energy & Thermal Equipment - Rotating equipment

Reference	Training Title	Deli		Туре	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Equipmer	nt, Materials, Corrosion & Inspection / Materials, Corrosion																		
CORBIE-EN-P	Corrosion & Risk Based Inspection	•		In-house	5	-	-												
CICP-EN-P	Corrosion & Corrosion Prevention Certification	•		In-house	5	-	-												
ITRES-EN-P	Failure Analysis & Repairs of Piping & Vessels	•		In-house	5	-	-												
PLINS-EN-P	Risk Based Inspection (RBI)	•		In-house	5	-	-												
Energy & T	hermal Equipment / Energy Efficiency & Renewable Energy																		
AMENER-EN-P	Process Energy Efficiency Improvement for Industrial Plants	•		In-house	3	-	-												
MENERG-EN-P	Day-to-Day Energy Optimization for Industrial Plants	•		Public	4	Rueil-Malmaison	€ 2 630						20 > 23						
Energy & T	hermal Equipment / Exchangers, Process Furnaces & Boilers																		
HEDES-EN-P	Heat Exchangers Certification	•		In-house	4	-	-												
FURNSOO-EN-P	Furnaces: Safe Operation & Optimization	•		In-house	4	-	-												
BOILER-EN-P	Boilers Safe Operation & Optimization	•		In-house	4	-	-												
COGENE-EN-P	Cogeneration - Combined Cycles	•		In-house	3	-	-												
PANENR-EN-P	Overview & Challenges of Renewables Energies	•		In-house	3	-	-												
MATHER-EN-P	Thermal Equipment	•		Public	4	Bahreïn	€ 3 350						19 ▶ 22						
Rotating E	quipment / Specifications, Technology & Performance																		
ROTMACH-EN-P	Rotating Equipment	•		Public	5	Pau	€ 3 130										23 ▶ 27		
OMIRM-EN-P	Operation, Maintenance & Inspection of Rotating Machinery	•		In-house	10	-	-												
CCTAV-EN-P	Gas Compression & Expansion, Compressors & Turbines	•		Public	4	Bahreïn	€ 3 350							3 ▶ 6					
TAG-EN-P	<u>Gas Turbines</u>	•		In-house	5	-	-												
PC-EN-B	Centrifugal Pumps & Positive Displacement Pumps		•	Public	4	Rueil-Malmaison	€ 3 290						26 ▶ 29						
EXTAV-EN-P	Steam Turbines	•		In-house	5	-	-												
EECV-EN-P	Reciprocating Compressors	•		In-house	5	-	-												

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Rotating Equipment - Instrumentation, Control & Electricity - Maintenance & Works Supervision

Deference	Training Title	[Deliv	/ery	Tomas	Duration	Location	Tuition Fees	7	F-4	Mari	A	Maur	7	Jul	A	Cara	0-4	New	Dec
Reference	Training rice	Р	D	Е В	Type		Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May		Jui		Sep	Oct	Nov	Dec
ECC-EN-P	<u>Centrifugal Compressors</u>	•			In-house	5	-	-												
PC1E-EN-E	Basics in Fluid Flow			•	In-house	-	-	-												
PC2E-EN-E	Basics in Centrifugal Pump Technology			•	In-house	-	-	-												
ROTENG-EN-P	Rotating Engineer Certification	•			In-house	90	-	-												
INTCOHY-EN-P	Introduction to Hydrogen Compression	•			In-house	2	-	-												
KGCAR-EN-P	Centrifugal Compressors CO2/GHG Emissions Limitations	•			In-house	4	-	-												
Rotating E	quipment / Troubleshooting, Maintenance & Reliability																			
RUPTE-EN-P	Machinery Failure Analysis & Repair Methods	•			In-house	5	-	-												
PAVIB-EN-P	Rotating Machinery Vibration Analysis	•			In-house	4	-	-												
TECMT-EN-P	Rotating Equipment Technicians Certification	•			In-house	40	-	-												
Instrument	tation, Control & Electricity																			
ICP-EN-P	Instrumentation & Process Control Certification	•			Public	5	La Mède	€ 3 250					29	▶2						
SIS-EN-P	Design & Operation of a Safety Instrumented System (SIS)	•			In-house	2	-	-												
ELECBAS-EN-P	Introduction to Industrial Electricity	•			In-house	5	-	-												
ELECMAI-EN-P	Electrical Maintenance for Industrial Plants	•			In-house	5	-	-												
EIMEA-EN-P	Electrical Motors: Technology, Operation & Maintenance	•			In-house	5	-	-												
ELECTEC-EN-P	Electrical Technicians Certification	•			In-house	35	-	-												
Maintenan	ce & Works Supervision																			
RMO-EN-P	Routine Maintenance Optimization	•			In-house	5	-	-												
OTAU-EN-P	Turnaround Organization & Optimization	•			In-house	5	-	-												
EBM-EN-P	Equipment Basic Maintenance	•			In-house	5	-	-												
INGMTN-EN-P	Maintenance Engineer Certification	•			In-house	75	-	-												
GDMAINT-EN-P	Graduate Diploma of Petroleum Studies in Maintenance	•			In-house	-	-	-		See ou	ır website	www.ifp	training.d	com for m	nore infor	mation ar	nd contac	t Bahrair	office	

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Operation in the Downstream Industry - HSE



		D	elivery												
Reference	Training Title) E I	Туре	Duration (day)	Location	Tuition Fees (Excl. VAT)	Feb	Mar	Apr	May			Oct	Dec
Operation	in the Downstream Industry / Vocational Training Courses for Operation Teams														
FBMOCIR-EN-P	Console Operator Training	•		In-house	20	-	-								
CDQRC-EN-P	Refining & Petrochemicals Operations Shift Supervisor Certification	•		In-house	10	-	-								
FBMOC-EN-P	Downstream Panel Operator Certification	•		In-house	35	-	-								
BOAVAL-EN-P	Downstream Field Operator Certification	•		In-house	60	-	-								
FOT-EN-P	Field Operator Training Course	•		In-house	180	-	-								
FTBO-EN-P	Operator Basic Training Course	•		In-house	40	-	-								
Operation	in the Downstream Industry / Selection & Training of the Production Staff														
RECRUT-EN-P	Assistance in Operator Recruitment	•		In-house	-	-	-								
TUTBO-EN-P	Mentors Training Course	•		In-house	2	-	-								
TRAIN-EN-P	Train the Trainers	•		In-house	5	-	-								
HSE / Safet	y in Plant Operations														
SECOP-EN-B	Safety in Plant Operation			Public	4	Rueil-Malmaison	€ 3 290							3 ▶ 6	
SECORSE-EN-B	Safety in Storage & Loading Operation			Public	4	-	-								
SECO1-EN-E	Occupational Health & Safety		•	In-house	-	-	-								
SECO2-EN-E	Flammability		•	In-house	-	-	-								
SECO3-EN-E	Occupational Health		•	In-house	-	-	-								
SECO4-EN-E	Fluids Behavior		•	In-house	-	-	-								
HSE / Safet	y in Works														
SECTRA-EN-P	Safety in Maintenance & Construction Works	•		In-house	4	-	-								
HSE / Envir	onment														
TER-EN-P	Wastewater Treatment from Refinery & Petrochemical Units	•		In-house	2	-	-								

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Reference	Training Title	-	Delivery D E	 Туре	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
HSE / Indus	trial Safety Engineer				, 27														
SECUIND-EN-P	Industrial Safety Engineer Certification	•		In-house	35	-	-												
Project Mar	nagement																		
CONTRAC-EN-P	Engineering Contracts	•		In-house	3	-	-												
PRACOM-EN-P	Practicing Commissioning	•		In-house	4	-	-												
MRSPROJ-EN-P	Management of Site Projects Certification	•		In-house	5	-	-												
MANEI-EN-P	Engineering Studies during Project	•		In-house	5	-	-												
OPDEM-EN-P	Commissioning & Start-Up of Process Units	•		In-house	5	-	-												
GPP-EN-P	Management of Small Projects	•		In-house	5	-	-												
Engineering	g Studies																		
SCHEPRO-EN-P	Process Diagrams (PFD-PID)	•		In-house	2	-	-												
IMPLANT-EN-P	<u>General Layout</u>	•		In-house	3	-	-												
GENCIST-EN-P	Structures & Civil Engineering	•		In-house	5	-	-												

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MANAGE & COMMIT TRAINING SUBDOMAINS



38



MANAGE & COMMIT

Upstream Economics

Oil Markets, Trading & Shipping

Downstream Economics

Gas & Electricity Economics

Renewable Energies, Energy Transition & Decarbonation

Finance & Management







Manage & Commit



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Upstream Economics - Oil Markets & Trading - Downstream Economics

Reference	Training Title		elivery	Туре	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Upstream	Economics																		
EAM-EN-P	Upstream Economics & Management	•		In-house	10	-	-												
OAO-EN-P	Organization of Competitive Bidding for Oil & Gas Exploration-Production Projects	•		In-house	3	-	-												
CPA-EN-P	Production Sharing & Joint Operating Agreements	•		In-house	3	-	-												
CNEP-EN-P	Negotiation of Exploration-Production Contracts	•		In-house	4	-	-												
UNIT-EN-P	Oil & Gas Fields Unitization	•		In-house	3	-	-												
PMC-EN-P	Practice of Exploration-Production Contracts Economic Modeling	•		In-house	3	-	-												
EAR-EN-P	Economics & Risk Analysis of Upstream Projects	•		In-house	5	-	-												
EAMC-EN-P	Upstream Economics & Management Certification	•		In-house	60	-	-												
Oil Market	s & Trading																		
EPE-EN-P	Overview of Petroleum Economics	•		Public	4	Rueil-Malmaison	€ 2 750											28	▶1
GPH-EN-P	Geopolitics of Oil & Gas	•		In-house	2	-	-												
MTP-EN-P	Oil Markets & Trading	•		Public	3	Rueil-Malmaison	€ 2 545										23 ▶ 25		
Downstrea	m Economics																		
EAV-EN-P	Downstream Economics & Management	•		In-house	15	-	-												
CER-EN-P	Economic Framework of Refining	•		In-house	5	-	-												
IRP-EN-P	Refining & Petrochemicals Synergies	•		In-house	2	-	-												
CEP-EN-P	Economic Framework of Petrochemicals	•		In-house	3	-	-												
PPA-EN-P	Profitability Analysis of Downstream Investment Projects	•		In-house	3	-	-												
LOG-EN-P	Supply Chain Management	•		In-house	3	-	-												

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D: Virtual Instructor-Led Trainings









Manage & Commit



Gas & Electricity Economics - Renewable Energies, Energy Transition & Decarbonation

Defenses	The last one Title		Delive	ery	T	Duration	Location	Tuition Fees	Jan	Feb	Mari		Maria	_	7.4		6	0.1		Dec
Reference	Training Title	P	D	Е В	Туре	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Gas & Elec	tricity Economics																			
EGN-EN-P	Overview of Natural Gas Economics	•			Public	4	Rueil-Malmaison	€ 2 966										17 ▶ 20		
EGL-EN-P	Liquefied Natural Gas Economics	•			In-house	3	-	-												
MGN-EN-P	Gas Markets & Trading	•			Public	2	Rueil-Malmaison	€1978											15 ▶ 16	
TEG-EN-P	Natural Gas & Electricity Trading	•			Public	2	Rueil-Malmaison	€ 2 256									26 ▶ 27			
GCEG-EN-P	Gas & LNG Economics Certification	•			In-house	35	-	-												
Renewable	e Energies, Energy Transition & Decarbonation																			
MXE-EN-P	Overview & Challenges of the Energy Mix	•			Public	4	Rueil-Malmaison	€ 2 967										17 ▶ 20		
GTR-EN-P	Geopolitics of Strategic Metals & Rare Earths	•			In-house	2	-	-												
MPER-EN-P	Economic a Financial Modelling of Renewable Energy Projects	•			Public	3	Rueil-Malmaison	€2977											1	13 ▶ 15
DETE-EN-P	Energy Transition: Positioning of the Key Players	•			Public	2	Virtual Classroom	€1700						14 ▶ 15					21 ▶ 22	
RPER-EN-P	Successfully Developing Renewable Project	•			Public	3	Rueil-Malmaison	€ 2 627				25 ▶ 27								
IEP-EN-P	Managing the Socio-Economic & Environmental Impact of Energy Projects	•			In-house	3	-	-												
ECCL-EN-P	Energy & Climate Change	•			In-house	2	-	-												
NCS-EN-P	O&G Companies Towards Carbon Neutrality: Challenges & Solutions				Public	5	Rueil-Malmaison	€ 3 945												4 ▶ 8

Whether in-house or public, most of our face-to-face courses can be followed remotely Delivery mechanism:

P: Face-to-Face Trainings

E: E-Learning

D: Virtual Instructor-Led Trainings









Manage & Commit Finance & Management



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Reference	Training Title		elivery D E B	Туре	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Finance &	Management																		
SBA-EN-P	Strategic Management in International Oil & Gas Business	•		In-house	5	-	-												
FAE-EN-P	M&A in the Energy World	•		In-house	2	-	-												
AGFE-EN-P	Financial Management in the Energy Business	•		Public	3	Rueil-Malmaison	€ 2 627										17 ▶ 19		
MFP-EN-P	Financial Management of an International Oil & Gas Company	•		In-house	5	-	-												
PBA-EN-P	Upstream Budget Practice	•		In-house	5	-	-												
ACEP-EN-P	Upstream Contracts Audit	•		In-house	5	-	-												
ADVAM-EN-P	Upstream Auditing Certification	•		In-house	10	-	-												
ERP-EN-P	Investment Profitability Studies for Energy Projects	•		In-house	3	Rueil-Malmaison	€ 2 307				5 ▶ 7								
GCEP-EN-P	Governance of an E&P Company	•		In-house	5	-	-												

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E: E-Learning

D: Virtual Instructor-Led Trainings







TRANSPORT & MOTORIZE TRAINING SUBDOMAINS



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TRANSPORT & MOTORIZE

Engines Evolution	Powertrains Models & Simulation
Base Engine Design	Hybrid & Electric Powertrains
Air Supply - Combustion & Depollution	Lubrication
Engine Management	Vehicle Performances



For any information, contact us www.ifptraining.com





Transport & Motorize Engines Evolution - Base Engine Design



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Defense	Totals and		Deliv	ery		Duration	1 + 1	Tuition Fees	3	E.1	Mari				2.1		G	0.1	No.	
Reference	Training Title	Р	D	Е В	Type	(day)	Location	(Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Engine Evo	olution																			
INTMOT-EN-P	Introduction to Engines	•			In-house	3	-	-												
HEINT-EN-P	Introduction to Hybrid & Electric Vehicle Propulsion	•			In-house	1	-	-												
моп-en-p	Module 1: Fundamentals & Testing Methodology	•			In-house	3	-	-												
MOT2-EN-P	Module 2: Spark Ignition Engines	•			In-house	3	-	-												
MOT2S-EN-P	Module 2S: Spark Ignition Engines Advanced Study & Simulations	•			In-house	5	-	-												
MDIES-EN-P	Diesel Engineers	•			In-house	5	-	-												
HETMA-EN-P	Technical Evolutions of Automotive Engines	•			In-house	4	-	-												
HEGMP-EN-P	Hybrid & Electric Powertrains	•			In-house	4	Rueil-Malmaison	€ 2 230							3 ▶ 6					
HEGMPS-EN-P	Hybrid & Electric Powertrains - Modelings, Simulations, Measurements & Analysis	•			In-house	5	-	-												
H2PAC-EN-P	Fuel Cells H2	•			Public	5	Rueil-Malmaison	€ 2 720				17 ▶ 21								
TRANSM-EN-P	Automotive Drive Train	•			In-house	3	-	-												
EVOLMOT-EN-P	Engine Technical Evolution	•			In-house	2	-	-												
ICE-EN-P	Internal Combustion Engines: Theory & Practice	•			In-house	10	-	-												
H2SPOC-EN-P	SPOC Small Private Online Course - Hydrogen for Mobility	•			In-house	12 h	-	-												
PHYM-EN-P	Engine Operating Physics	•			In-house	14	-	-												
MGMPTH-EN-P	Master's degree IC Engine Training for Engineers	•			In-house	60	-						Cor	ntact-us						
Base Engir	ne Design																			
COMOT-EN-P	Engine Design	•			In-house	4	-	-												
FIMOT-EN-P	Engine Reliability	•			In-house	3	-	-												
REFEM-EN-P	Engine Cooling & Environment	•			In-house	3	-	-												
ACMOT-EN-P	Powertrain NVH	•			In-house	3	-	-												
COPIM-EN-P	Engine Parts Design	•			In-house	3	-	-												

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E: E-Learning

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Transport & Motorize



Air Supply, Combustion & Depollution - Engine Manag^{ent} - Powertrains Models & Simulation

Reference	Training Title	P	Delivery D E	В Туре	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Air Supply	- Combustion & Depollution																		
BIOMOT-EN-P	New Fuels & their Impact on IC Engines & Turbine Operation	•		In-house	3	-	-												
COMBE-EN-P	New Combustion Systems in Spark Ignited Engines	•		In-house	3	-	-												
MOTE-EN-P	New Developments in Spark-Ignition Engines	•		In-house	5	-	-												
COMBD-EN-P	New Combustion Developments in Diesel Engines	•		In-house	3	-	-												
PTGE-EN-P	Exhaust Gas After-Treatment	•		In-house	3	-	-												
REMP-EN-P	Loading & Supercharging	•		In-house	3	-	-												
REMPS-EN-P	Advanced Loading & Supercharging Modelings, Simulations & Analyses	•		In-house	5	-	-												
MBM-EN-P	Engine Measurements & Calibrations	•		In-house	3	-	-												
MBMS-EN-P	Engine Measurements Tests Analysis & Calibrations	•		In-house	4	-	-												
Engine Ma	nagement																		
ICM-EN-P	Module 4: Introduction to Engine Management	•		In-house	3	-	-												
LOICOM-EN-P	Engine Management: Control Software & Calibration	•		In-house	5	-	-												
HCME-EN-P	Gasoline Engine Management	•		In-house	3	-	-												
CMD-EN-P	<u>Diesel Engine Management</u>	•		In-house	3	-	-												
CMCS-EN-P	Introduction to Engine Management: Practical Approach by Modeling & Simulation	•		In-house	9	-	-												
HECTRLM-EN-P	Engine Management Training	•		In-house	30	-	-												
Powertrain	ns Models & Simulation																		
MSGMP-EN-P	Introduction to Powertrain Modeling	•		In-house	5	-	-												

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E: E-Learning

D: Virtual Instructor-Led Trainings

B: Blended-Learning







Transport & Motorize Hybrid & Electric Powertrains - Lubrication



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			elivery														
Reference			D E B	Type	Duration (day)		Tuition Fees (Excl. VAT)		Mar	Apr	May	Jun	Jul	Sep	Oct	Nov	
Hybrid & El	lectric Powertrains																
HESGMP-EN-P	Hybrid & Electric Powertrain Specialist Certification	•		In-house	40	-					Cor	ntact-us					
CEM-EN-P	Electromagnetic Compatibility of Automotive Power Electronics	•		In-house	3	-	-										
ETECH1-EN-P	Technologies of Electric Machines for Automotive Traction	•		In-house	5	-	-										
ETRON1-EN-P	Automotive Traction Power Electronics	•		In-house	5	-	-										
ECOM-EN-P	Control Design for Automotive Electric Traction Drives	•		In-house	5	-	-										
ETECH2-EN-P	Module 5: Design of Electrical Machines for Automotive Traction	•		In-house	5	-	-										
ETRON2-EN-P	Module 6: Automotive Traction Power Electronics Design	•		In-house	5	-	-										
ESGMP-EN-P	Certification as an Electrical Drive Specialist	•		In-house	35	-					<u>Cor</u>	ntact-us					
MGMPHE-EN-P	Master's Degree in Hybrid & Electric Powertrains	•		In-house	70	-					<u>Cor</u>	ntact-us					
EMOT-EN-P	Electric Drives for Automotive Propulsion Design, Modeling & Simulation	•		In-house	5	-	-										
Lubrication	n / Chemical Physics of Lubricants & Lubrication Theory																
INTLUB-EN-P	Introduction to Lubrication	•		In-house	3	-	-										
LUBLUB-EN-P	<u>Lubrication & Lubricants</u>	•		In-house	5	-	-										
Lubrication	n / Automotive & Industrial Engines Lubrication																
LUBMA-EN-P	Car Engines Lubrication	•		In-house	3	-	-										
LUBMI-EN-P	Industrial Engines Lubrication & Technology	•		In-house	5	-	-										
LUBTA-EN-P	<u>Lubrication & Technology of Automotive Transmissions</u>	•		In-house	3	-	-										
LUBGR-EN-P	<u>Lubricating Greases Automotive & Industrial Applications</u>	•		In-house	3	-	-										
INILA-EN-P	Introduction to Automotive Lubricants	•		In-house	3	-	-										
Lubrication	n / Industrial Lubrication																
LUBEI-EN-P	Lubrication & Technology of Industrial Equipment	•		In-house	5	-	-										

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Transport & Motorize Lubrication - Vehicle Performances



Reference	Training Title		Delivery	Туре	Duration	Location	Tuition Fees	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		Р	D E	3	(day)		(Excl. VAT)								J				
LUBTMX-EN-P	<u>Lubrication of Metal Working Operations & Machine Tools</u>	•		In-house	3	-	-												
INILAI-EN-P	Introductory Course to Automotive & Industrial Lubricants	•		In-house	5	-	-												
LUBADV-EN-P	<u>Lubricants</u>	•		In-house	10	-	-												
Vehicle Pe	rformances																		
PRESTA-EN-P	Vehicle Fuel Consumption	•		In-house	5	-	-												
PRESTAP-EN-P	Vehicle Performances	•		In-house	3	-	-												
PRESTAE-EN-P	Vehicle Emissions	•		In-house	3	-	-												
PRESTAA-EN-P	<u>Drivability</u>	•		In-house	3	-	-												

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B: E

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