



**Messer Ibérica** has two production sites with an own pipeline network of 90 km in length in the Tarragona industrial area where the company has been the main supplier of industrial gases for the petrochemical industry for 40 years. Furthermore, within the last 10 years, the company expanded its bulk and cylinder business and offers its customers a wide range of industrial, special and medical gases as well as gas application technologies. **Messer** operates two filling plants in Tarragona and Alicante and has a large network of distribution centres on the whole Iberian Peninsula.

The name of **Messer** has been associated with expertise in the supply of industrial gases for more than 110 years. The **Messer Group** has 5260 employees active in more than 30 countries. **Messer** is operating 60 companies in over 120 locations distributed throughout Europe and Asia. Their gases are produced in more than 30 air separation units and 6 special gases plants.



**ASCO** is part of the Messer-World and a provider of individual and complete CO<sub>2</sub> solutions. **ASCO** provides dry ice blasting technology, vaporisers and other CO<sub>2</sub> equipment, as well as automatic dry ice production machines for CO<sub>2</sub> production and recovery plants. <http://www.ascoco2.com/>



**Black & Veatch** is a leading global engineering, consulting and construction company specializing in infrastructure development in energy, water, telecommunications, management consulting and environmental markets. **Black & Veatch's** Oil & Gas business is a world leader in the design and construction of sulfur recovery units and related management facilities, backed by a reputation for delivering long-term value to clients. **Black & Veatch's** design-to-construction experience covers the complete range of sulfur recovery applications, including gas/liquid treating systems, sour water strippers, and flue gas desulfurization units. The company is Building a World of Difference® by providing its clients with reliable solutions to their most complex challenges. [www.bv.com](http://www.bv.com)



**Ozonía** is one of the world's leading suppliers of UV and ozone disinfection systems with global presence. **Ozonía** systems are designed for various water and wastewater treatment applications in the municipal and industrial markets. [www.ozonia.com](http://www.ozonia.com)



**EKATO** is with more than 75 years of experience world-leading supplier of agitators and mixing solutions for industrial applications. With 600 employees, over 60 subsidiaries / representations and more than 250.000 installed units worldwide, **EKATO** is a global company and a competent partner for all branches of the process-oriented industries. <http://www.ekato.com>



**PNS - Pipeline Nitrogen Services** was founded 2006 in Emmen, Netherlands and has expanded rapidly into an innovative and reliable service provider with subsidiary offices in the UK, Germany, France, Italy, Spain, Libya, Croatia, Middle East and China. **PNS** offers a wider range of process industry services for refineries and the petrochemical industry as well as pipeline services for gas, oil and water industries. [www.pns-services.com](http://www.pns-services.com)

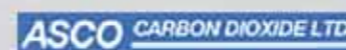


International Industrial Seminar Messer Ibérica

Messer Ibérica celebrates its 40<sup>th</sup> anniversary in Spain and invites you to the

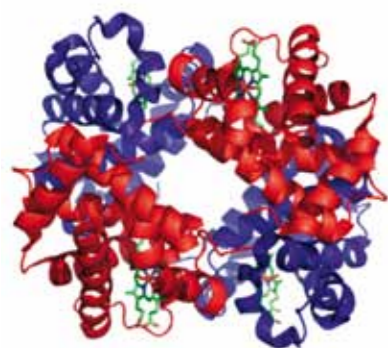
# 1<sup>st</sup> International Industrial Seminar Messer Ibérica

17 June 2010 · Hotel Gran Palas, La Pineda





**International Industrial Seminar Messer Ibérica**



Messer Ibérica de Gases is part of the Messer Group, the biggest family-managed company worldwide in the area of industrial gases with its core markets in Europe and Asia. With our state of the art production facilities for technical gases, we have been a reliable partner of the petrochemical industry in Tarragona since 1970.

Our company celebrates this year the 40th anniversary of Messer in Spain und therefore invites to an international seminar.

The goal of this seminar is to present our customers and other interested companies of the chemistry, petrochemistry and pulp & paper branches solutions to reduce the CO<sub>2</sub> emissions, the water and energy consumption as well as the chemical product costs with the application of industrial gases. In this case Messer counts on both, processes developed by Messer and strong partnerships in order to achieve the best solutions for our customers.

This event should also serve as an exchange of experience between the statutory general conditions on one side and the technical possibilities on the other. In this way we focus specially on applications to reduce air and waste-water effluents.

This industry-orientated event should give us, together with our customers and partners, the opportunity to refer to current and future projects. Therefore, as participant you will have the possibility to arrange individual meetings with the required specialists.

Messer is already a trustworthy partner in the petrochemical and paper industry in Europe. Do you want to know more? JOIN US!



### Group 1: Chemical & Petrochemical Industry

14.45 - 15.15	<b>Futuro de la industria química en Tarragona. Proyectos medioambientales AEQT*</b> <i>Outlook of Chemical Industry in Tarragona &amp; Environmental Projects AEQT</i>	Mr. Ramón Fontboté General Director AEQT
15.15 - 15.45	<b>Examples for the Use of Technical Gases for Debottlenecking and Improvement of Chemical Reactions</b>	Mr. Dr. Walter Bachleitner Applications / Strategic Projects Messer Ibérica
15.45 - 16.15	<b>Improvement of Gas / Liquid Reactions by Novel Mixing Technologies</b>	Mr. Michael Rosellen Product Manager Reaction Technology /EKATO
16.15 - 16.45	Coffee Break	
16.45 - 17.15	<b>Nitrogen Applications for Refinery Shutdowns and Comissioning Activities</b>	Mr. Piet Bergsma General Manager PNS Nitrogen Services
17.15 - 17.45	<b>Oxygen Enrichment for Capacity Increases of Sulphur Recovery Units</b>	Ms. Angela Slavens Vice President & Sulphur Technology Manager Black & Veatch Energy
17.45 - 18.00	<b>Questions</b>	
18.00 en adelante	<b>Individual meetings with interested participants</b>	

### PLENARY SESSION: All participants

9.00 - 10.00	<b>Inscription &amp; Registration of participants</b>	
10.00 - 10.15	<b>Welcome &amp; Introduction*</b>	Mr. Karl Hauck General Manager Messer Ibérica
10.15 - 10.30	<b>Presentation Messer Ibérica *</b>	Mr. Ruben Folgado Technical Director Messer Ibérica
10.30 - 11.00	<b>Previsiones acerca de la legislación sobre impactos medioambientales y emisiones de aire y agua*</b> <i>Forecast regarding the Legislation on Environmental Impacts and Air and Water Emissions</i>	N.N. Generalitat de Catalunya
11.00 - 11.30	<b>Examples of Decreasing Environmental Impacts by Effluents Treatment</b>	Mr. Dr. Friedhelm Herzog Head of Technology Management Industry / Messer Group
11.30 - 12.00	Coffee Break	
12.00 - 12.30	<b>Examples of Decreasing Environmental Impacts by Waste Water Treatment</b>	Ms. Dr. Monika Hermans Technology Manager Chemistry & Environment / Messer Group
12.30 - 13.00	<b>Special Applications &amp; Case Studies for Ozone Treatment</b>	Mr. Sven Bressmer Director Engineering Ozone Ozonía
13.00 - 13.15	<b>Questions</b>	
13.15 - 14.45	Lunch-Break	

### Group 2: Pulp & Paper Industry

14.45 - 15.15	<b>Situación actual &amp; futura de la industria del papel en España*</b> <i>Current Situation &amp; Outlook of Paper Industry in Spain</i>	Mr. Juan Carlos Villar INIA-CIFOR Spain
15.15 - 15.45	<b>The Green Paper Mill: A New Concept to Reduce the CO<sub>2</sub> Emissions, Fresh Water and Energy Consumption</b>	Mr. Helmut Gutenberger Technology Manager Pulp & Paper Messer Group
15.45 - 16.15	<b>Ejemplos de aplicaciones de gas en la industria de pasta y papel y estudio de casos de clientes de Messer*</b> <i>Examples for Gas Applications in Pulp and Paper Industry &amp; Case Studies of Messer Customers</i>	Mr. Jordi Soler Application Technology Messer Ibérica
16.15 - 16.45	Coffee Break	
16.45 - 17.15	<b>Cleaning Applications with Dry Ice in Paper Industry</b>	Mr. Roberto Sammali Sales Manager DIB /ASCO
17.15 - 17.45	<b>Mixing Technology for PCC Production and Minerals Processing</b>	Sr. Michael Rosellen Product Manager Reaction Technology / EKATO
17.45 - 18.00	<b>Questions</b>	
18.00 en adelante	<b>Individual meetings with interested participants</b>	

\* Lecture in Spanish.

Colaboran:

