



On behalf of the International Fertilizer Industry Association (IFA),  
IFDC will conduct a workshop on

# Nitrogen Fertilizer Production Technology

June 22-26, 2015    Vienna, Austria



## Registration Fees:

	Early Bird - Registration and Payment by April 22	Regular - Registration and Payment by May 22	Late - After May 22
IFA Members	\$2,700	\$2,950	\$3,200
Non-IFA Members	\$2,800	\$3,050	\$3,300

## BACKGROUND

Since 2001, through biennial events, IFA and IFDC have been conducting the Nitrogen Fertilizer Technology workshops to share knowledge and exchange information with representatives of the nitrogen fertilizer industry regarding the different production technologies. These workshops have been successful due to their unique scope. Unlike other similar training programs in the industry, IFA-IFDC workshops are not process/product specific but combine all nitrogen-based fertilizer processes.

The 2015 international workshop will take place in Vienna, Austria, during the week of June 22-26, attracting nitrogen fertilizer production engineers and other specialists around the world.



Nitrogen fertilizers include ammonia, urea, ammonium nitrate, ammonium sulfate and nitrogen solutions. They are an effective means of increasing crop productivity and are used during sowing and as growing season supplements for all crops. Supply of nitrogen fertilizers determines the crop's growth, vigor, color and yield. Nitrogen fertilizers account for some 59 percent of total world consumption of mineral fertilizers (based on FAO data, FAOSTAT, updated August 21, 2012, accessed December 3, 2012).

## WORKSHOP OBJECTIVES

The five-day IFA-IFDC workshop is designed to:

- Provide engineers and other specialists in the fertilizer industry with an in-depth view of nitrogen fertilizer production technologies and identify future trends and needs.
- Examine the status of the most recent nitrogen fertilizer production technologies.
- Improve participants' technical knowledge across a broad range of nitrogen production techniques, including understanding the best available technology options, economic factors impacting the sector, energy use scenarios and the best approaches to safety and environmental management.
- Enhance the participants' analytical and trouble-shooting skills in order to better identify and resolve operational inefficiencies of their facilities.
- Provide an opportunity to exchange ideas on a range of production topics with leading technology experts and workshop participants.

## WHO SHOULD ATTEND

The workshop is designed for engineers working in the fertilizer industry, particularly those who have recently assumed new responsibilities, to renew and/or increase their technical knowledge in nitrogen fertilizer production, and for engineers to become better acquainted with the best available production processes in the industry. Previous workshops have also attracted other specialists in the fertilizer industry such as executives, senior managers and those involved in areas of environment and research, all of whom have found the program useful. Entrepreneurs have also benefited from the program.

## WORKSHOP CONTENT

Topics to be addressed by a faculty of industry experts will include:

- A global overview and outlook of the nitrogen fertilizer industry.
- Economics of the industry.
- Ammonia production.
- Nitrogen fertilizer production:
  - Nitric Acid.
  - Ammonium Nitrate.
  - Calcium Ammonium Nitrate.
  - Ammonium Nitrate-Sulfate.
  - Urea.
  - Ammonium Sulfate.
- Fertilizer chemical and physical specifications and product quality.
- Energy use scenarios in nitrogen fertilizer production.
- Greenhouse gas (GHG) emissions and carbon footprint.
- Safety issues.



## METHODOLOGY

Participants will be exposed to a range of topics through classroom presentations and discussions, participant breakout sessions for practical problem-solving exercises and interactive discussion involving the participants and lecturers will be an integral part of the program to ensure that specific interests are covered.

## FACULTY

The program faculty will include subject matter experts from process licensors, engineering companies and fertilizer manufacturers.

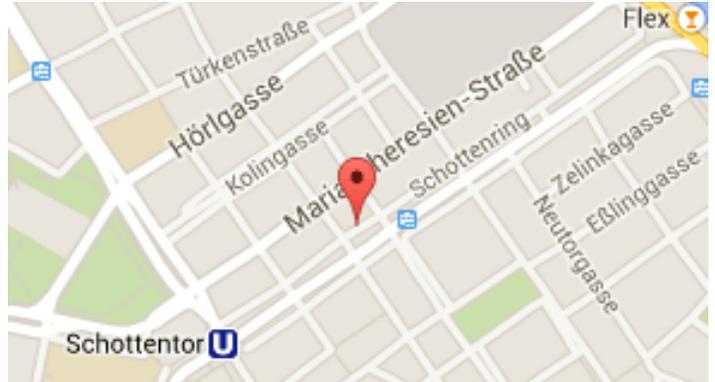
## VENUE



Conveniently located in the commercial center of Vienna and close to the historic city center, the Hilton Vienna Plaza hotel is an ideal base for seeing the Austrian capital's best sights. Just 20 minutes from the airport, the hotel is in the heart of Vienna and less than one kilometer from fantastic sights such as the Hofburg Imperial Palace. Hilton Vienna Plaza is situated at Vienna's most prestigious location, the Ringstraße. It is only a short walk to St. Stephen's Cathedral, Burgtheater, and the State Opera.

The hotel has received the 2014 TripAdvisor Certificate of Excellence Award. This honor is awarded to establishments that achieve outstanding traveler reviews on TripAdvisor, the world's largest travel site.

Participants will be extended IFDC's negotiated special single occupancy room rate of €165.00/night (approximately US \$183.00/night) or double occupancy room rate of €185.00/night (approximately US \$205.00/night). This price includes breakfast, service charges and V.A.T. All rooms are equipped with flat screen TV, telephone, WLAN Internet access and other amenities. The cut-off date for reservations under IFDC's negotiated terms is **May 22, 2015**. After this date, reservations will be subject to hotel room availability at the best available rate. Participants should plan to arrive in Vienna, Austria, on Sunday, June 21, 2015.



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## **COST AND ENROLLMENT**

The program fee for the five-day workshop is US \$2,700 per participant for IFA members and US \$2,800 for non-IFA members (both inclusive of a US \$250 non-refundable deposit) and should reach IFDC no later than May 22, 2015, four (4) weeks before the program is scheduled. Those received thereafter will be accepted at IFDC's discretion and incur a late fee. Participants will be given the opportunity to take advantage of an early bird rate if registration and payment is received by IFDC prior to April 22. Please refer to the table below for pricing:

	<b>Early Bird - Registration and Payment by April 22</b>	<b>Regular - Registration and Payment by May 22</b>	<b>Late - After May 22</b>
<b>IFA Members</b>	<b>\$2,700</b>	<b>\$2,950</b>	<b>\$3,200</b>
<b>Non-IFA Members</b>	<b>\$2,800</b>	<b>\$3,050</b>	<b>\$3,300</b>

The program fee, less the non-refundable deposit, will be refunded for cancellations made two (2) weeks before the commencement of the program. Ninety percent of the paid fee will be returned and 10 percent, in addition to the deposit, will be charged to cover administrative costs for cancellations made between two (2) weeks and one (1) week before the commencement of the program. Cancellations made less than one (1) week before the commencement of the program will receive no refund.

Registration will be on a first-come, first-served basis. Paid participants will receive priority. An organization wishing to enroll more than one participant should supply information and payment for each participant.

Payment of the program fee can be made by: (1) check or draft payable to IFDC; (2) wire transfer to IFDC's account in the U.S.A. through First Metro Bank, 406 West Avalon Avenue, Muscle Shoals, Alabama, U.S.A., ABA number 062203955 for credit to IFDC account number 55281; or (3) major credit card – MasterCard, Visa or American Express.

The program fee covers registration, training and reference material (including IFDC/UNIDO Fertilizer Manual), coffee/tea breaks, all lunches and surface transportation on field trips. The fee does not include air travel, lodging and dinner expenses or medical and communication expenses.

## **VISA AND MEDICAL INSURANCE**

APPLICATIONS FOR VISAS SHOULD BE MADE AS EARLY AS POSSIBLE. Participants who are not eligible to enter Austria without a visa should submit their application for a visa through the respective embassy or consulate in their country of residence. All required immunizations and health formalities should be completed. Medical insurance should be obtained by participants. The workshop fee does not cover any medical insurance or expenses.

## ABOUT IFDC

IFDC is a nonprofit, public international organization (PIO) dedicated to increasing agricultural productivity and food production through the development and use of plant nutrients in sustainable crop production systems. Headquartered in Muscle Shoals, Alabama, U.S.A., IFDC is involved in human resource development, research and technical assistance in collaboration with public, private, national and international organizations throughout the world. IFDC has conducted more than 700 formal workshops, study tours and training programs for over 11,000 participants from over 150 countries since 1974. The programs have covered a wide range of subjects including integrated soil fertility management and fertilizer use efficiency, fertilizer production technology, agro-input dealerships, competitive marketing, supply chain management, investment analysis, policy reforms and numerous specialized topics.

## ABOUT IFA

IFA is a not-for-profit organization representing the global fertilizer industry. Our members serve farmers everywhere as they meet the world's growing food, feed, fibre and bioenergy needs in a sustainable manner. IFA has over 550 members in about 85 countries. About half of the membership is based in developing countries. IFA member companies represent all activities related to the production and distribution of every type of fertilizer, their raw materials and intermediates. IFA's membership also includes organizations involved in agronomic research and training with regard to fertilizers. The global fertilizer industry produces upwards of 170 million tons of fertilizer nutrients annually. These are used in every corner of the globe to support agricultural production.

## FOR MORE INFORMATION:

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**NOTE:** As a nonprofit organization, IFDC does not finance or sponsor any participant.



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