

# Phosphate Fertilizer Production Technology Workshop

Organized by International Fertilizer Development Center (IFDC)  
on behalf of International Fertilizer Association (IFA)



Venue: Marrakech, Morocco | Date: October 2 – 6, 2017

## Program Schedule

<u>Day/Hour</u>	<u>Activity</u>	<u>Responsibility</u>
<b>Sunday October 1</b>		
<b>1730 - 1830</b>	<b>Pre-registration</b>	IFDC José Ramón Lazo de la Vega Luisa De Faría Andrea Hovater

<b>Day/Hour</b>	<b>Activity</b>	<b>Responsibility</b>
<b>Monday October 2</b>		
<b>0800</b>	<b>Registration – for participants unable to register Sunday</b>	IFDC
<b>0830</b>	<b>Welcoming Remarks</b>	IFDC José Ramón Lazo de la Vega
<b>0840</b>	<b>Welcoming Remarks</b>	IFA Volker Andresen
<b>0850</b>	<b>Pre-Workshop Assessment</b>	IFDC Luisa De Faría Andrea Hovater
<b>0920</b>	<b>Keynote – Challenges and Opportunities Of Today’s Phosphate Industry</b>	OCP
<b>1000</b>	<b>Coffee &amp; Networking Break</b>	
<b>1030</b>	<b>Product Stewardship</b>	IFA Volker Andresen
<b>1130</b>	<b>Market Outlook for supply &amp; demand And Economic Aspects</b>	IFA
<b>1200</b>	<b>Group Photograph</b>	
<b>1215</b>	<b>Lunch &amp; Networking Break</b>	
<b>1315</b>	<b>Phosphate Rock Production and Quality Factors</b>	TBD
<b>1400</b>	<b>Phosphate Rock Beneficiation</b>	TBD
<b>1500</b>	<b>Coffee Break &amp; Networking Break</b>	
<b>1530</b>	<b>Global Regulations Overview</b>	IFA Guillaume Peyrourou
<b>1615</b>	<b>Nutrient Stewardship</b>	IPNI To be confirmed
<b>1700</b>	<b>Daily Feedback</b>	IFDC
<b>1710</b>	<b>Adjourn</b>	
<b>1900</b>	<b>Reception – Group Dinner</b>	

<b><u>Day/Hour</u></b>	<b><u>Activity</u></b>	<b><u>Responsibility</u></b>
<b>Tuesday October 3</b>		
<b>0700</b>	<b>Travel to OCP Mines located in Khouribga</b> (Estimated travel time 3 hours)	
<b>1100</b>	<b>Presentation of the Mine Site</b>	OCP
<b>1130</b>	<b>Mine Visit Followed by Visit to Beneficiation Plant</b>	OCP
<b>1400</b>	<b>Lunch &amp; Networking Break</b>	
<b>1530</b>	<b>Return to Hotel</b>	
<b>1830</b>	<b>Adjourn</b>	

<b>Day/Hour</b>	<b>Activity</b>	<b>Responsibility</b>
<b>Wednesday October 4</b>		
<b>0800</b>	<b>Impact of Phosphate Rock Impurities in Phosphoric Acid Process Technology Selection</b>	Prayon Technologies S.A.
<b>0845</b>	<b>Granulation of Nitrophosphate-based Fertilizers</b>	Federico Senior To be confirmed
<b>0930</b>	<b>Coffee Break &amp; Networking Break</b>	
<b>1000</b>	<b>Improvements in Phosphoric Acid Production</b>	Prayon Technologies S.A.
<b>1045</b>	<b>Modeling Phosphoric Acid Production Process</b>	Prayon Technologies S.A.
<b>1115</b>	<b>What to do with By-Products from Phosphate Industry</b>	Aleff Group Julian Hilton
<b>1200</b>	<b>Lunch &amp; Networking Break</b>	
<b>1300</b>	<b>Advances in Sulfuric Acid Plants Or Debottlenecking Sulfuric Acid Plants</b>	TBD TBD
<b>1345</b>	<b>Regulations about Cadmium and Heavy Metals In Phosphate Fertilizers</b>	Fertilizers Europe (To be confirmed)
<b>1430</b>	<b>Coffee Break &amp; Networking Break</b>	
<b>1500</b>	<b>Granular Fertilizers Physical Properties</b>	IFDC
<b>1545</b>	<b>Fundamentals of Granulation</b>	IFDC
<b>1645</b>	<b>Group Discussions</b>	TBD
<b>1715</b>	<b>Daily Feedback</b>	
<b>1720</b>	<b>Adjourn</b>	

<b><u>Day/Hour</u></b>	<b><u>Activity</u></b>	<b><u>Responsibility</u></b>
<b>Thursday October 5</b>		
<b>0700</b>	<b>Travel to OCP Production Site at Jorf Lasfar</b> (Estimated travel time 3 hours)	
<b>1000</b>	<b>Presentation of the Complex Facilities</b>	OCP
<b>1100</b>	<b>Visit the OCP Complex</b>	OCP
<b>1200</b>	<b>Lunch &amp; Networking Break</b>	
<b>1330</b>	<b>Return to Hotel in Marrakech</b> (Estimated time 3 hours)	
<b>1630</b>	<b>Adjourn</b>	
<b>1800</b>	<b>Marrakech City Walking Tour (Optional)</b>	IFA

<b>Day/Hour</b>	<b>Activity</b>	<b>Responsibility</b>
<b>Friday October 6</b>		
<b>0800</b>	<b>Phosphate-Based Granular Fertilizers</b>	IFDC
<b>0900</b>	<b>Indirect Cooling Technology as an Efficient Option for Cooling Granular Fertilizer</b>	Solex Thermal Science Jean-Marc Reichling
<b>1000</b>	<b>Coffee Break &amp; Networking Break</b>	
<b>1030</b>	<b>Bulk Blended Fertilizers</b>	Yargus To be confirmed
<b>1115</b>	<b>Thiogro Technology</b>	Shell To be confirmed
<b>1200</b>	<b>Lunch &amp; Networking Break</b>	
<b>1315</b>	<b>Discussion – Our World in 2030: Implications for our Industry?</b>	IFA Volker Andresen
<b>1400</b>	<b>Post-Workshop Assessment</b>	IFDC
<b>1425</b>	<b>Daily Evaluation/Workshop Evaluation</b>	IFDC
<b>1430</b>	<b>Closing Remarks</b>	IFA Volker Andresen
<b>1435</b>	<b>Closing Remarks</b>	IFDC J. Ramón Lazo de la Vega
<b>1440</b>	<b>Presentation of Certificates</b>	IFA / IFDC
<b>1500</b>	<b>End of Workshop</b>	