AFA WORKSHOP

Low Energy concept
In Fertilizer Industry

Workshop
Program

Marrakech, Morocco
3-5 Sept. 2019

Day 1 : Tuesday, 3 September 2019

08:30	**REGISTRATION**
09:15	**WELCOME ADDRESS**
09:30	***Session I***
9:30-10:00	Creating and managing a sustainable energy program *Ludovic Briand, DuPont OCP Operations Consulting & DuPont Sustainable Solutions*
10:00-10:30	Roles of maintenance activities towards energy saving *Ludovic Briand, DuPont OCP Operations Consulting & DuPont Sustainable Solutions*
10:30-11:00	Solar power for mining operations: cost optimization and positive externalities *Gilein Steensma, JESA/WORLEY*
11:00-11:30	Heat Recovery System integration in the Sulfuric acid plant *Hamid Fadile, OCP Group*

11:30 -12:00 **Networking Coffee / Tea**

12:00	***Session II***
12:00-13:00	Improving the Energy Efficiency of a Urea Plant *Leon HEIJNEN, Stamicarbon*

13:00-13:30	Emissions from the Urea Plant; From Penalty to Profit *Leon HEIJNEN, Stamicarbon*
13:30-14:15	Sustainability Dashboard Plants Energy Design Vs Actual Gap Analysis and Closure *Muteb AL-AWAJI, SAFCO*

14:30 Networking Lunch

Day 2 : Wednesday, 4 September 2019

09:00 - 11:00	***Session III***
9:00-09:30	OCP Circular Economy Program *Yassine BOUHAFID, OCP Group*
9:30-10:00	Moroccan EV outlook *Zakaria NAIMI, Green Energy Park*
10:00-10:30	Renewable Energy for Industry and Mining applications *El ghali BENNOUNA, Green Energy Park*
10:30-11:00	Smart Microgrids for Renewable Energy Access in Africa *Aboubakr BENAZZOUZ, Green Energy Park*

11:00 -11:30 Networking Coffee / Tea

11:30	***Session IV***
11:30-12:00	Potential contribution of renewable energies in the fertilizer manufacturing ***process:*** case of concentrated solar thermal energy *Hamid ELMAHMOUDI, UM6P*

12:00-12:30	Energy and water saving in the phosphate slurry transport process by using a rheological modifier *EL KORTOBI badreddine, UM6P*
12:30-13:00	OCP Khouribga's Smart Energy & Water Grid *BOUFOUS Youness, OCP Group*
13:00-13:30	Driving Excellence *Ali Hasan Al Hosani, ADNOC*
13:30	Closing

14:00 **Networking Lunch**

19:00 **Gala Dinner**

Day 3 : Thursday, 5 September 2019

09:00 Site visit to : Green Energy Park & UM6P