DuPont to Supply DynaWave® Scrubbing Technology for Zohr Gas Field

Technology Helps Minimize Environmental Impact

WILMINGTON, Del. (PRWEB) September 19, 2017 -- DuPont Clean Technologies (DuPont) recently signed a contract with Kinetics Technology (KT) for Eni’s giant Zohr deepwater gas field in the Egyptian Exclusive Economic Zone of the Mediterranean Sea. Under the contract, DuPont will be delivering the technology license, engineering and proprietary equipment for two MECS® DynaWave® wet gas scrubbing units while KT will provide the related on-shore gas plant units in Port-Said (Egypt) with Claus and Tail Gas Treatment Units (TGTU’s). This combination of technologies will allow the new Zohr project to meet stringent environmental requirements on sulfur dioxide emissions, in all operating cases.

“This is the second large contract DuPont Clean Technologies has been awarded in Africa in recent months, coming closely on the heels of delivering equipment for another Claus TGTU off-gas scrubber, alkylation unit and spent sulfuric acid plant for the Dangote Oil Refinery Company in Nigeria,” Yves Herssens, global market leader MECS® DynaWave® reported. “We are delighted to help Eni to comply with air emissions regulations using DuPont technology that is highly efficient and fully flexible.”

Licensed by DuPont, MECS® DynaWave® scrubbers are designed to work with a variety of reagents and handle multiple functions in one vessel. As such, the process makes it possible to quench the incinerated gas and remove potential particulates while absorbing the remaining acids from the Claus TGTUs. The technology also offers the flexibility of bypassing the sulfur recovery unit (SRU) or the SRU tail gas system during maintenance and repairs, so operations can continue without interruption.

Over the last 40 years, the MECS® DynaWave® technology has been successfully installed and used at more than 400 sites around the world in different industries. In the oil and gas industry alone, DuPont Clean Technologies, which licenses both the DynaWave® scrubber technology and the BELCO® EDV® scrubber technology, has more than 150 successful wet scrubbing references around the globe. The large nozzles and open vessel design of the DynaWave® scrubbers result in units that are virtually plug proof and able to handle any possible sulfur particulate entrainment. This results in higher on-stream time and lower maintenance and operational expenditures for the operator.

About DuPont Clean Technologies

The DuPont Clean Technologies, a business unit of DowDuPont Specialty Products, applies real-world experience, history of innovation, problem-solving success and strong brands to help organizations operate safely and with the highest level of performance, reliability, energy efficiency and environmental integrity. The Clean Technologies portfolio includes STRATCO® alkylation technology for production of clean, high-octane gasoline; IsoTherming® hydroprocessing technology for desulfurization of motor fuels; MECS® sulfuric acid production and regeneration technologies; BELCO® air quality control systems for FCC flue gas scrubbing and other refinery scrubbing applications; MECS® DynaWave® technology for sulfur recovery tail gas-treating solutions; and a comprehensive suite of aftermarket service and solutions offerings. Learn more about DuPont Clean Technologies at http://www.cleantechnologies.dupont.com.

About DowDuPont Specialty Products Division
DowDuPont Specialty Products, a division of DowDuPont (NYSE: DWDP), is a global innovation leader with technology-based materials, ingredients and solutions that help transform industries and everyday life. Our employees apply diverse science and expertise to help customers advance their best ideas and deliver essential innovations in key markets including electronics, transportation, building and construction, health and wellness, food and worker safety. DowDuPont intends to separate the Specialty Products division into an independent, publicly traded company. More information can be found [http://www.dow-dupont.com](http://www.dow-dupont.com).

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