



TODAY'S THE BEST TIME TO BUILD FOR TOMORROW'S REGULATIONS.

nViro™ Waste Management Solutions

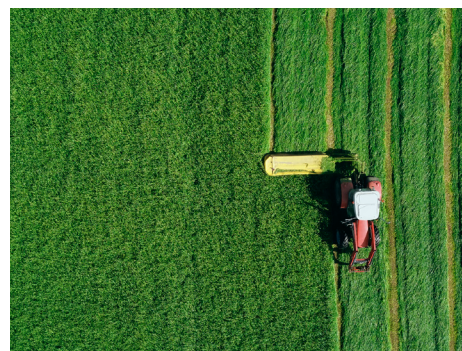
Honeywell
Uop

The new nViro family of integrated waste management solutions from Honeywell UOP helps make refineries more efficient and profitable.

A STREAMLINED APPROACH TO WASTE MANAGEMENT

Honeywell UOP's nViro technologies integrate waste management with the design of the process unit, producing opportunities for optimization and process improvements. nViro combines UOP's leadership in refining and petrochemical process technologies with UOP Callidus's experience in waste stream management for powerful solutions to cut costs, reduce emissions and turn waste streams into revenue streams.

nViro solutions cover a wide range of processes and wastes, providing practical solutions to complex challenges across refining, petrochemical and gas processing industries. Find out more about the portfolio of solutions below.



nViro solutions help you achieve sustainability goals while producing products for added revenue.

SOLUTIONS PORTFOLIO

PRODUCT OFFERING	APPLICATION	ABOUT THE TECHNOLOGY
nViro™ Hydro	Hydrotreating & Hydrocracking	The UOP nViro Hydro process is an integrated solution for hydrotreating and hydrocracking applications that transforms waste streams into revenue by upgrading low-value H ₂ S and NH ₃ waste to fertilizer.
nViro™ FCC	Fluid Catalytic Cracking (FCC)	UOP nViro FCC for fluidized catalytic bed units provides a step change in energy efficiency, resulting in lower operating costs and reduced CO ₂ emissions.
nViro™ Eco	Ecofining™	UOP nViro Eco is our integrated solution for Ecofining applications, converting acid gas and sour water into energy.
nViro™ PS	Uniflex™ and SDA applications	UOP nViro PS (Pitch Solution) is an integrated solution for Uniflex and SDA applications. It transforms waste streams into revenue through energy and metal oxide recovery.
nViro™ Alky	ISOALKY™	UOP nViro Alky is for ISOALKY applications and provides treatment of spent ionic liquid, off gas and other waste streams with improved energy efficiency.
nViro™ OET	Oleflex	UOP nViro OET (Oleflex Effluent Treatment) is designed to treat a variety of Oleflex waste effluents, providing Oleflex users with a low-cost onsite treatment solution for total Oleflex wastes while recovering energy and reducing operational corrosion issues.
nViro™ PNL	Phenol and Cumene Unit	The UOP nViro PNL process is an all-in-one solution for treating UOP Phenol and Cumene Unit wastes. The solution is easy to operate, reduces total plant equipment count and creates zero stress on wastewater treatment.
nViro™ PET	Gas Processing Membrane	The UOP nViro PET (Permeate Effluent Treatment) process is a solution for the treatment of gas processing membrane CO ₂ permeate to reduce CAPEX and OPEX.
nViro™ MET	Merox	UOP nViro MET (MEROX™ Effluent Treatment) is a waste treatment process specifically for effluents from any UOP MEROX process. It provides MEROX users with a low-cost onsite treatment solution for total MEROX effluents.

INNOVATIVE INTEGRATED SOLUTIONS THAT PROTECT YOUR BOTTOM LINE

Connect with a UOP representative to learn more about the benefits of upgrading your process units to meet tomorrow's regulations utilizing nViro solutions.

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PM | 11/22

