

NEWS RELEASE

Aduro Clean Technologies to Present Innovative Hydrochemolytic™ Technology at the International Refining & Petroleum Conference (IRPC) 2024, Houston, Texas

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LONDON, Ontario, Sept. 26, 2024 (GLOBE NEWSWIRE) -- **Aduro Clean Technologies Inc.** ("Aduro" or the "Company") (CSE: ACT) (OTCQX: ACTHF) (FSE: 9D5), a clean technology company using the power of chemistry to transform lower value feedstocks, like waste plastics, heavy bitumen, and renewable oils, into resources for the 21st century, today announced its participation in the International Refining & Petroleum Conference 2024 (IRPC).

In the 15th Session entitled Circular Economy / Chemical Recycling, Eric Appelman, Chief Revenue Officer at Aduro, will join a panel discussion and present "Hydrochemolytic™ Technology: a cost-effective alternative to pyrolysis for the chemical recycling of mixed plastic waste". His presentation will compare HCT with pyrolysis technologies, highlighting how HCT addresses key challenges associated with pyrolysis.

Appelman will also discuss a **recent patent filing** related to a new process for producing BTX (benzene, toluene, and xylene) platform chemicals from waste plastics and renewable oils. This novel approach, currently being developed by Aduro, transforms difficult-to-recycle materials into high-value chemical precursors used in the petrochemical industry, reinforcing the company's position as an innovator in sustainable chemical recycling.

The IRPC, known for shaping the future of the petrochemical and refining industries, provides an ideal platform and great opportunity for Aduro to engage with industry leaders. The conference offers market insights and showcases groundbreaking innovations like Hydrochemolytic™ Technology, which presents a sustainable alternative to traditional recycling methods. Participation at this event underscores the company's commitment to driving the

petrochemical sector toward a circular economy.

The conference scheduled for October 3rd and 4th, 2024 at the DoubleTree by Hilton Hotel Greenway Plaza in Houston, Texas, offers market insight from industry leaders and highlights technology innovations that help shape the industry. The two-day conference and exhibition provide a high-level technical forum for key players in the global petrochemical and refinery sector to meet, share knowledge, and learn about best practices and the latest industry advances. For more information about the Conference, please visit <https://hpirpc.com>.

Attendees are invited to visit us on our Booth 210 to meet Eric Appelman and Abe Dyck, Head of Corporate Development, and learn more about the Company and its Hydrochemolytic™ technology and discover how Aduro is driving the advancement of chemical recycling. Engage with the team and gain deeper insights into the company's commitment to creating a sustainable and circular economy.

About Aduro Clean Technologies

Aduro Clean Technologies is a developer of patented water-based technologies to chemically recycle waste plastics; convert heavy crude and bitumen into lighter, more valuable oil; and transform renewable oils into higher-value fuels or renewable chemicals. The Company's Hydrochemolytic™ technology relies on water as a critical agent in a chemistry platform that operates at relatively low temperatures and cost, a game-changing approach that converts low-value feedstocks into resources for the 21st century.

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Forward-Looking Statements

This news release contains forward-looking statements. All statements, other than statements of historical fact that address activities, events, or developments that the Company believes, expects, or anticipates will or may occur in the future, are forward-looking statements. The forward-looking statements reflect management's current expectations based on information currently available and are subject to a number of risks and uncertainties that

may cause outcomes to differ materially from those discussed in the forward-looking statements. Although the Company believes that the assumptions inherent in the forward-looking statements are reasonable, forward-looking statements are not guarantees of future performance, and, accordingly, undue reliance should not be put on such statements due to their inherent uncertainty. Important factors that could cause actual results to differ materially from the Company's expectations include adverse market conditions and other factors beyond the control of the parties. The Company expressly disclaims any intention or obligation to update or revise any forward-looking statements whether because of new information, future events, or otherwise, except as required by applicable law.

The CSE has not reviewed, approved, or disapproved the content of this news release.

A photo accompanying this announcement is available

at <https://www.globenewswire.com/NewsRoom/AttachmentNg/5b5ef531-732e-438e-b94c-6451dad94691>