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For Immediate release:

CMAI & Intratec Announce Polypropylene Report in Technology Intelligence Program (TIP)

Houston, TX – [Chemical Market Associates, Inc. \(CMAI\)](#), along with alliance partner [Intratec Solutions LLC \(Intratec\)](#), is pleased to announce the release of the second report in the Polyolefins series of the Technology Intelligence Program (TIP) – Polypropylene via Gas Phase Processes Technology Report. TIP Technology Reports provide a comprehensive review and evaluation of process technology, capital and production costs, market overviews and profitability analysis for production technologies of interest to the chemical industry. The majority of TIP Technology Reports are based on process modeling by Intratec using CHEMCAD chemical process simulation software provided by [Chemstations](#). The Polypropylene via Gas Phase Processes Technology Report provides an in-depth analysis of Dow Unipol™ and Lummus Novolen® technologies and includes comprehensive technical discussions about other major gas phase polypropylene production processes such as INEOS Innovene™, JPP Horizone, LyondellBasell Spherizone and Sumitomo. The report compares and contrasts process differences among major technologies, analyzing different business scenarios according to level of OSBL integration, type of polymer produced and monomer recovery options. The report includes detailed descriptions of select auxiliary units with comprehensive analyses of the extrusion and final storage areas. Recent process improvements are also discussed. The next reports to be released in the Polyolefins series include Polypropylene via Bulk and Hybrid Processes Technology Report, Impact Polypropylene and Catalyst Advances Technology Report, Polypropylene Consolidated Report and Integrated On-Purpose Propylene/Polypropylene Consolidated Report.

The Technology Intelligence Program (TIP) combines the renowned chemical market strength of CMAI with the process design and technology expertise of Intratec. TIP reports will cover a wide array of chemical technologies, for both organic and inorganic chemicals, basic and specialty chemicals, ranging from petrochemicals to green chemicals. The On-Purpose Propylene series, including Propylene via Metathesis Technology Report, Propane Dehydrogenation Technology Report, Methanol-to-Propylene Technology Report, and On-Purpose Propylene Consolidated Report are all available now. Example topics of future TIP reports include Ethylene Dimerization, Bioethanol, Bioethylene, Bio-mixed Alcohols, Biopropylene, Green Polypropylene, Terephthalic Acid and Polyester Resin.

The TIP program also includes the TIP Economic Simulator, a spreadsheet-like tool with a user-friendly interface where input parameters can be edited by the user to generate a tailored economic analysis under specific conditions and scenarios. TIP Economic Simulators enable adjustment of various economic parameters including construction period, start-up year, plant location, plant capacity, operating rate profile, product and feedstock pricing, capital investment and OSBL configuration, tax rates and depreciation methods. Sensitivity analysis is also provided. The Economic Simulator includes automated graphics that clearly illustrate key aspects of the project economics, providing an accurate assessment of the technology examined under the particular circumstances determined by the user, based on the economic performance criteria of highest interest. Economic Simulators can be purchased in conjunction with any TIP Technology Report.

TIP Reports will serve as important tools for executives, engineers, academics and many decision makers in a broad range of situations, when it is necessary to predict, in an unbiased way, crucial operating and performance information about specific processes/technologies. The Technology Intelligence Program develops and evaluates key design information such as process flowcharts, material balances, key performance indicators, capital investments, cost structure and cost-effectiveness and main inefficiencies, and quantifies technological strengths and weaknesses. The TIP Technology Reports will be reliable sources for insightful observations about both existing and emerging chemical process technologies. Relying on Intratec's technological knowledge, TIP Technology Reports include a 5-year historical patent review and point out emerging and up-to-date technologies and trends. In addition, each report provides global supply/demand and an outlook on capacity by producer from CMAI's proprietary capacity database. TIP Technology Reports also incorporate feedstock and product pricing from CMAI's proprietary price database, providing realistic economic evaluations. TIP Consolidated reports provide a business-oriented comparative analysis among key technologies covered in associated TIP Technology Reports, including both a comprehensive report as well as an Executive Summary in presentation format.

[Intratec](http://www.intratec.us) is an independent industrial think tank recognized for excellence in the areas of technology, innovation and process design consulting. Intratec's wide spectrum of services include process plant configuration studies, competitive technical intelligence analyses, facility siting studies, capital cost build-up of entire facilities from individual equipment-level concept design, intellectual property protection guidance including patent support, technical opportunities identification and opportunity portfolio optimization in existing plants and technology evaluation for emerging technologies among others. For more information about Intratec and its services, visit www.intratec.us or call Intratec's Houston office at 1-713-821-1745.

[Chemstations](http://www.chemstations.com) is an engineering software company offering CHEMCAD process simulation software to the chemical industry. Chemstations focuses on innovation and integrity and provides personalized, reliable support to each CHEMCAD user. The Chemstations management team is comprised of a group of seasoned chemical engineers with decades of chemical process simulation experience, dedicated to the continual improvement of the CHEMCAD software and to providing the best technical support in the industry.

[CMAI](http://www.cmaiglobal.com) is the premier provider of Market, Planning and Business Advisory services offering a unique combination of consulting analytics and expertise for the global chemical, plastics, fibers and chlor-alkali industries. With offices in Houston, New York, London, Dubai, Düsseldorf, Bangkok, Singapore and Shanghai, CMAI has provided expert business advisory services to a broad base of companies across multiple value chains and geographies since 1979. Clients to CMAI services include chemical and oil companies, technology & EPC companies, law firms, banking and financial institutions, plastic converters, textile & apparel manufacturers, brand-owners, grocers/retailers, government agencies and trading companies.

For additional information on this service, visit CMAI's website at www.cmaiglobal.com or contact:

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