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Global Matrechs, Inc. Participates in www.HomelandDefenseStocks.com Homeland Security Online Investor Conference to be Held October 20, 2004

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RIDGEFIELD, Conn., Sept. 30, 2004 (PRIMEZONE) -- Global Matrechs, Inc. (OTC BB:GMTH.OB - News) (<http://www.globalmatrechs.com>), a licensed technologies business with emerging technologies for nuclear energy storage and containment, Homeland Security, environmental and chemical industries, is pleased to announce that the company will be presenting at the Homeland Security Online Investor Conference on October 20th.

Conference Link: <http://www.homelanddefensestocks.com/Forums/homelanddefense.asp>

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Investors can gain insight into the Homeland Security industry expected to grow to more than \$170 billion by 2006 (based on research from Homeland Security Research Corp.). The online forum/conference will feature management from a cross section of Homeland Defense Companies, ranging in size and scope of services. The conference will also feature industry experts (TBA) that will provide insight to the sector and what technologies and companies are poised to benefit from the long-term opportunity.

The Company will discuss and showcase its EKOR technology, a silicon-based geocomposite radiation resistant coating/foam used to contain radioactive materials. (unaffected by Alpha-radiation; gamma- and beta-radiation up to an absorbed dose of 10 gigarads), and can be provided in a variety of forms (fixative, foam, sealer or grout) to encapsulate and contain radioactive contamination. Additional EKOR characteristics include fire resistance (can withstand mechanical and Hot-cut transient temperature spikes up to 1100 degrees F); corrosion resistant (to strong Base and acid solutions); easily applied to horizontal, vertical, or overhead surfaces, and can polymerize underwater; can form a smooth and wear-resistant surface for ease of decontamination; mixes with waste, which is up to 50% water by weight; adheres to unclean, wet or corroded surfaces and hot metal surfaces up to 120 degrees centigrade; effective up to a 1:6 EKOR-to-radioactive-waste matrix; penetrates openings as small as 1.0 mm; uses minimal equipment in an easy application; and is non-toxic and inert environmentally; plus the spent product is not a hazardous waste. EKOR formulations provide flexibility to assist in the containment of different levels of radioactivity in different physical situations including stabilization, containment, transportation, encapsulation, final storage and disposal.

The company is currently reviewing additional complementary products for EKOR technology to add their technology portfolio.

EKOR can contain nuclear waste for at least one hundred years and help mitigate possible accidents from the transportation of these deadly chemicals. With nuclear waste being encapsulated with EKOR the clean-up is a much more reliable and less dangerous process as the waste being encapsulated in EKOR would not be dispersed and would remain in larger pieces if damaged due to an accident.

About Global Matrechs

Following the sale of the Company's original web hosting and site maintenance business to Tulix Systems, Inc., the Company now focuses solely on its licensed technologies business. Through his core focus, the Company seeks to convert licenses it has acquired in emerging technologies from the nuclear energy, environmental, and chemical industries, into manufactured products, primarily via sub-licensing to manufacturers.

"Forward-Looking Statements"

Investors are cautioned that certain statements contained in this document as well as some statements in periodic press releases and some oral statements of Company officials during presentations are "forward-looking" statements within the meaning of the Private Securities Litigation Reform Act of 1995 (the "Act"). Forward-looking statements include statements which are predictive in nature, which depend upon or refer to future events or conditions, or which include words such as "expects," "anticipates," "intends," "plans," "believes," "estimates," "hopes," "seeks," or similar expressions. In addition, any statements concerning future financial performance (including future revenues, earnings or growth rates), ongoing business strategies or prospects, and possible future actions, which may be provided by management, are also forward-looking statements as defined by the Act.

Some of the factors that could significantly impact these forward-looking statements in this press release include, but are not limited to: insufficient cash flow to continue to fund the development and marketing of the Company's products and technologies; the failure of the Company's products and technologies to become commercially marketable; our ability or inability to obtain financing; the loss of key personnel; changes in financial markets and general economic conditions; and, disputes as to the Company's intellectual property rights, including the Company's rights to the technologies that it licenses. Forward-looking statements are based upon current expectations and projections about future events and are subject to risks, uncertainties, and assumptions about the Company, its licenses, products, economic and market factors and the sectors in which the Company does business, among other things. These statements are not guarantees of future performance and the Company has no specific intention to update these statements.

More detailed information about those factors is contained in the Company's filings with the Securities and Exchange Commission.

More information on Homeland Security issues, including news releases, events and experts available for comment, can be found on the HomelandSecurity Newline at <http://www.primezone.com/hs>

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