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Regenesis Management Group Enters Into Water Optimization and Technology Development Agreement with the USDA

DENVER--(BUSINESS WIRE)--Regenesis Management Group, LLC, a company that focuses on the efficient use of finite natural resources through the development of innovative techniques, software and instrumentation, announced today that it has entered into a long-term, cooperative research and development agreement with the United States Department of Agriculture, Agricultural Research Service's Water Management Research Unit and the Agricultural Systems Research Unit, to carry out research related to water conserving irrigation, deficit irrigation, optimization techniques and water management for agricultural applications, in addition to development of certain related software and technologies.

"Our research can develop wonderful new knowledge, but it's through partnerships with those that will use the knowledge that we can better target real problems, develop practical solutions, and really impact the future," says Dr. Tom Trout, Research Leader of Water Management Research for USDA Agricultural Research Service. He added, "Sustaining irrigated agriculture will require finding ways to share water resources with others without drying up agricultural land."

The arrangement is based at the Agricultural Research Service, Fort Collins, Colorado office and tasked to promote continued research in deficit irrigation and crop optimization systems. Regenesis Management Group looks to facilitate continued development of these systems to further quantify elements related to the research. These include the implementation of the SWIIM™ System, or Sustainable Water and Innovative Irrigation Management™ - an easy-to-use interface that allows for water and crop management while providing for implementation of optimizing technologies and real-time monitoring of conserved water.

"The science that is expected to be developed as a result of this arrangement is exciting," says Robert Stollar, Science and Research Liaison at Regenesis Management Group. "We are striving to manage all aspects of the water budget for the agricultural community along with water rights issues so that the resource can be looked at as a crop, without drying up the farm."

The arrangement has an on-site research component, expected to be deployed on certain research sites located initially throughout Weld County, including a key site at the USDA/ARS research facility near Greeley, Colorado. Additionally, there is a technology development component to the arrangement. The agreement allows Regenesis Management Group to assume certain intellectual property rights as a result of the research for use in the private sector.

"The scientists and support staff of the Agricultural Systems Research Unit are excited at the prospect of working with Regenesis Management Group to develop decision support tools for irrigators in Colorado and beyond. The research and development made possible by this agreement will benefit not only Colorado farmers but will advance science that will benefit the entire central Great Plains," said Dr. Laj Ahuja, Research Leader and Soil Physicist of the Agricultural Systems Research Unit for USDA Agricultural Research Service. Dr. Gale Dunn, Soil Scientist at the USDA/ARS working on the project added, "The sustainability of farming in Colorado and the balance between agriculture and municipal water use are major issues. Through this agreement we can help the municipalities that desperately need new water sources and keep farming an economically viable proposition."

"The arrangement with USDA/ARS is another major research and development arrangement that will assist Regenesis Management Group in deploying a commercially-viable application that can be used in a real world setting," says Kevin France, Head of Strategic Development at Regenesis Management Group. "We wish to provide a useful set of tools that can benefit all stakeholders through more efficient utilization of water resources in their respective communities."

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The systems and technology developed by Regenesis Management Group and its partners provide for more efficient, responsible use of natural resources through partnering with the multitude of stakeholders who can benefit from more efficient utilization of water resources in their respective communities.

About Regenesis Management Group, LLC

Headquartered in Denver, Colorado, Regenesis Management Group is a management company that develops systems, instrumentation and related technologies designed to conserve and better utilize natural resources; including water, land and energy. Regenesis Management Group believes that capitalism and resource conservation are not mutually exclusive – both goals can be accomplished in a profitable manner, through implementation of breakthrough technologies and by fostering profitable, beneficial systems to better utilize natural resources with conservation in mind. This results in a positive impact on all stakeholders, including business, property owners, community and the environment. For more information about the company, visit our web site at <http://www.regenmg.com> or contact us by telephone at (303) 777-4000.

About the United State Department of Agriculture, Agricultural Research Service

The Agricultural Research Service is the United States Department of Agriculture's chief scientific research agency. Our job is finding solutions to agricultural problems that affect Americans every day, from field to table. For more information visit our web site at <http://www.ars.usda.gov>. Also, you may contact Dr. Tom Trout, Research Leader of Water Management Research for USDA Agricultural Research Service by telephone at (970) 492-7419 or Dr. Laj Ahuja, Research Leader of the Agricultural Systems Research Unit for USDA Agricultural Research Service by telephone at (970) 492-7315.

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