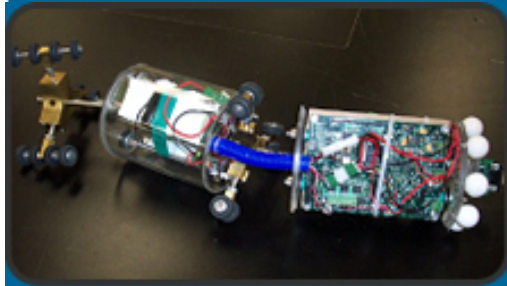




Cluster E-News Sustainable Infrastructure Update



The Robot Inspector

Finding cracks and potential cracks in underground water pipes can be a daunting job, but a University of Regina researcher is finding a solution. Dr. Mehran Mehrandezh and a team of graduate students are developing a robot equipped with sensors to look for these problems.

"CT support has been critical for us," says Dr. Mehrandezh. "Without it, we would never have been able to reach this level this quickly."

"I was initially approached by Dr. Don Taylor and Dr. Balvant Rajani of the National Research Council (NRC) at a conference in 2003. They were interested to know how my expertise in robotics could be used for conducting inspection on water pipes," said Dr. Mehrandezh.

Shortly afterwards the NRC contacted him to start a collaboration on the development of a pipe inspecting robot. To further develop the idea, Dr. Mehrandezh, along with Dr. Najjaran (an NRC research officer at the time) Dr. Rajani and Dr. Paranjape (a university professor at the U of R) received seed



**Saskatchewan
Industry and
Resources**

Partner profile: Saskatchewan Industry and Resources

Industry and Resources (IR) is the lead Saskatchewan government department responsible for strengthening and diversifying the provincial economy. By stimulating growth as well as the development of the province's resource sector, IR is working with its stakeholders to create an innovative, prosperous and sustainable economy based on responsible development.

IR is committed to ensuring that Saskatchewan realizes its fullest potential by enabling its people and businesses to access emerging opportunities, both locally and globally. It does this by co-operating closely with a variety of economic development organizations and agencies in the province's key resource sectors and the business community. This includes the expansion of the Saskatchewan economy by co-ordinating and implementing policies, strategies, and programs that encourage sustainable economic growth.

These activities integrate with the mandate and vision of CT. The partnership between IR and CT capitalizes on research, innovation, and commercialization initiatives in Regina



CT hosts successful reception

The Terrace Building was filled with more than 100 industry leaders, CT partners, strategic alliance partners, researchers and government personnel as CT held a reception on June 21 to introduce its new mandate. CT and its partners are striving to create a Regina-based sustainable infrastructure cluster.

Members of this cluster will include industry firms, institutions, and governments working together to achieve competitive advantages and economic development through greater, accelerated innovation. CT is helping to create a centre of excellence in applied infrastructure development that will be at the forefront of providing industry with the right expertise and momentum to successfully develop their products.

This vision was articulated at the reception by several presenters including Mark McLeod, CT Chair; Larry Hiles, CEO, Regina Regional Economic Development Authority; Glen Davies, City Manager, City of Regina; and Sean Frisky, President, Ground Effects Environmental Services.

funding from Communities of Tomorrow (CT) and contributes to creating an international example of what a sustainable and thriving community can be — in every respect.

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Contact Us

Do you have a project idea that could lead to an innovation in sustainable infrastructure? _

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