



[Advanced Manufacturing - Precarn Announces \\$2.5 Million R&D ...](#)

Ottawa-based **Precarn** Incorporated announced a \$2.5 million funding boost to ... **DreamWafer™ Intelligent Rapid Prototyping**: Normally, the design process for ...

[http://www.advancedmanufacturing.com/index.php/News/Precarn-Announces-\\$2.5-Million-RD-Funding-Boost.html](http://www.advancedmanufacturing.com/index.php/News/Precarn-Announces-$2.5-Million-RD-Funding-Boost.html)



[Backbone Magazine - Precarn Announces \\$2.5 Million R&D Funding ...](#)

27 Nov 2008 ... Under the program – which is administered and funded by **Precarn**, a not-for-profit ... **DreamWafer™ Intelligent Rapid Prototyping**: Normally, ...

www.backbonemag.com/Press_Release/Items/press_release_11270802.asp

The Gazette

Two Montreal hi-tech firms get R&D funding

Montreal Gazette

Published: Thursday, November 27

Two Montreal firms, NLP Technologies and **Gestion TechnoCap**, received funding to develop technologies for the **manufacturing sector**. **Precarn** Inc., a non-profit that helps companies turn research into products, gave a total of \$2.5 million to six Canadian companies to find "intelligent systems" that are of use to the struggling sector . . .

Gestion TechnoCap is developing a machine that automatically connects the components of a printed circuit board, allowing faster prototyping and testing.



[Montreal - Topics - NY Daily News](#)

25 Nov 2008 ... Montreal firms NLP Technologies and **Gestion TechnoCap** have **received funding to develop technologies for the manufacturing sector**. **Precarn** ...

www.nydailynews.com/topics/Montreal

MONTREAL

This Week

30 November 2008, Vol. 13, No. 05

Venture Capital:

* Precarn Inc. has provided venture funding to Montréal-based NLP Technologies and Gestion TechnoCap to develop technologies for the manufacturing sector.



Two Montreal firms get tech funding

[Montreal Gazette +My News](#) 11/28/2008

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http://www.inform.com/related_content/92072456,0

Den NLP kommunikation modell

Upplagd av admin den 19 november 2008

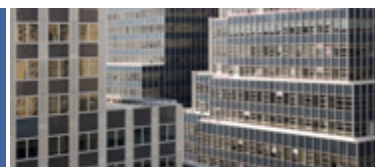
Personlig utveckling genom NLP utbildning

Montreal företag NLP teknik och Gestion TechnoCap har fått finansiering för att utveckla teknik för tillverkningsindustrin. Precarn Inc., ett icke vinstdrivande ...

www.nlppracticercourse.com/sv/



Montréal



Montreal This Week - Newsletter

30 novembre 2008, Vol. 13, No. 05

Precarn Inc. a fourni des fonds à l'entreprise montréalaise NLP Technologies et Gestion TechnoCap pour le développement de technologies destinées au secteur manufacturier.

<http://www.colliersmn.com/prod/cclod.nsf/publish/60d78027c7a96c06852570de005ad06e?OpenDocument&Click=>



28-11-2008 Montreal, Canada (Gazette): Two Montreal firms, NLP Technologies and Gestion TechnoCap, received funding to develop technologies for the manufacturing sector. Precarn Inc., a non-profit that helps companies turn research into products, gave a total of \$2.5 million to six Canadian companies to find "intelligent systems" that are of use to the struggling sector.

http://intranews.intra.net/cgi-bin/news_email.cgi?action=aff_art&art_id=36693

Healthcare Technology

R&D

Precarn announces \$2.5 million R&D funding boost

OTTAWA – Precarn Inc. has announced a \$2.5 million funding boost to promote the research and development (R&D) efforts of six Canadian companies using intelligent systems to solve commercial problems in the manufacturing sector.

Under the program – which is administered and funded by Precarn, a not-for-profit company representing a national network of corporations, universities, colleges, research institutes and government partners engaged in the development of enabling technologies – companies will commercially develop or advance innovative made-in-Canada intelligent technologies with a focus on manufacturing. Up to \$500,000 is being provided per project.

“This new program addresses a critical sector of the Canadian economy – manufacturing,” said Anthony Eyton, President and CEO of Precarn, adding that Precarn’s collaborative R&D model has proven that strong links among private, public and academic organizations are critical to successfully stimulate the country’s economic growth and competitiveness, and ultimately keep jobs in Canada.

“Given the difficult economic times, what we need in this economy is a rapid conversion of R&D to jobs and revenues, and this infusion of funds is intended to help do just that,” Eyton explained. “The projects being funded have a heavier emphasis on development than research, and have strong potential for commercialization in the near term.”

Details of the six projects – which were selected from a pool of 38 proposals – follow:

DreamWafer Intelligent Rapid Prototyping: Normally, the design process for a new piece of electronic equipment takes months, or even years, to complete. But a research team led by Montreal-based Gestion TechnoCap is aiming to reduce that time to a matter of days with a radical new concept called the DreamWafer™ WaferBoard™. An intelligent rapid prototyping system, the WaferBoard™ works like a “waffle iron” for prototyping electronic printed circuit board (PCB) systems.

Engineers place the electronic components – or dough – into the system and close the cover. The WaferBoard™ automatically senses the component contacts, recognizes them and connects them, allowing users to view the results on a computer screen. From there they can test and make adjustments, to both the hardware and the software, until the prototype is perfected.

Typically, engineers have to order components and wait for PCBs to be built before testing can begin. And, when something goes wrong, they have to start the entire process over. WaferBoard™’s streamlined rapid prototyping approach changes that, dramatically speeding the time from design to product launch. The Precarn funding will be used by Gestion TechnoCap and its partners - CMC Microsystems Inc. of Kingston, Ontario, the Research Institute of Hydro-Québec, Hyperchip Inc. of St-Laurent, Quebec, École Polytechnique de Montreal, Université de Québec à Montréal and Université de Québec à Gatineau – to develop a working prototype of the WaferBoard™, which has already been issued 16 patents.

About Precarn

Precarn, based in Ottawa, is an independent not-for-profit company that supports the pre-commercial development of leading-edge technologies. Precarn works with Canadian companies who are seeking to commercialize their new ideas to get an edge in global markets. Unlike other research funding programs, Precarn uses a collaborative model that includes a developer, a customer and an academic research partner in every project. This collaboration accelerates development, reduces risk and shares the cost of R&D. Precarn provides access to an extensive national network of world-class researchers, innovative companies and sources of funding. Precarn receives support from Industry Canada, other federal departments and provincial government agencies, as well as private sources. For more information on Precarn, please visit www.precarn.ca.
<http://www.canhealth.com/News1006.html>

Precarn Announces \$2.5 Million R&D Funding Boost for Manufacturing Innovation

Thursday, November 27, 2008

Six intelligent systems projects with early commercialization potential receive funding

Ottawa, Ontario - November 26, 2008 - Ottawa-based **Precarn Incorporated** today announced a \$2.5 million funding boost to promote the research and development (R&D) efforts of six Canadian companies using intelligent systems to solve commercial problems in the manufacturing sector.

Under the program which is administered and funded by Precarn, a not-for-profit company representing a national network of corporations, universities, colleges, research institutes and government partners engaged in the development of enabling technologies companies will commercially develop or advance innovative made-in-Canada intelligent technologies with a focus on manufacturing. Up to \$500,000 is being provided per project.

This new program addresses a critical sector of the Canadian economy manufacturing, said Anthony Eyton, President and CEO of Precarn, adding that Precarn's collaborative R&D model has proven that strong links among private, public and academic organizations are critical to successfully stimulate the country's economic growth and competitiveness, and ultimately keep jobs in Canada.

Given the difficult economic times, what we need in this economy is a rapid conversion of R&D to jobs and revenues, and this infusion of funds is intended to help do just that, Eyton explained. The projects being funded have a heavier emphasis on development than research, and have strong potential for commercialization in the near term.

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DreamWafer(TM) Intelligent Rapid Prototyping: Normally, the design process for a new piece of electronic equipment takes months, or even years, to complete. But a research team led by Montreal-based **Gestion TechnoCap** is aiming to reduce that time to a matter of days with a radical new concept called the DreamWafer(TM) WaferBoard(TM). An intelligent rapid prototyping system, the WaferBoard works like a "waffle iron" for prototyping electronic printed circuit board (PCB) systems. Engineers place the electronic components "or dough" into the system and close the cover. The WaferBoard

automatically senses the component contacts, recognizes them and connects them, allowing users to view the results on a computer screen. From there they can test and make adjustments, to both the hardware and the software, until the prototype is perfected. Typically, engineers have to order components and wait for PCBs to be built before testing can begin. And, when something goes wrong, they have to start the entire process over. WaferBoard's streamlined rapid prototyping approach changes that, dramatically speeding the time from design to product launch. The Precarn funding will be used by Gestion TechnoCap and its partners - **CMC Microsystems Inc.** of Kingston, Ontario, the **Research Institute of Hydro-Québec**, **Hyperchip Inc.** of St-Laurent, Quebec, **École Polytechnique de Montreal**, **Université de Québec à Montréal** and **Université de Québec à Gatineau** – to develop a working prototype of the WaferBoard, which has already been issued 16 patents.

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