



## ideas\* Uses Autodesk Inventor on Advanced Construction Recycling Facility

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### Australian Company Wins Autodesk Inventor of the Month; Plant Will Recycle One Million Tons of Demolition Materials per Year

SAN RAFAEL, Calif., Jan 28, 2010 (BUSINESS WIRE) -- Autodesk, Inc. (NASDAQ: ADSK), has named ideas\*, an Australian engineering services firm, the Autodesk Inventor of the Month for January 2010. The company used Autodesk Inventor software to design and develop the world's most advanced construction recycling facility. The massive facility in Victoria, Australia will be capable of recycling one million tons of demolition materials per year.

ideas\* designed and engineered the facility for the Alex Fraser Group. The size of four football fields, the new facility uses the most modern technology to more efficiently recycle unprecedented volumes of discarded construction and demolition materials. Since products made from recycled concrete have 65 percent less carbon impact than products made from quarried stone, the recycling plant promises to significantly reduce the environmental impact of construction projects throughout Australia.

Design work on the ambitious project was subcontracted to 14 different fabricators. Autodesk Inventor software provided a flexible, central management point for the different teams, facilitating important design revisions across the entire project.

"A design project of this scale would have been impossible without Autodesk Inventor," said Michael Percy, managing director of ideas\*. "All team members used Inventor to create [digital prototypes](#), enabling faster design decisions and improvements earlier in, and throughout, the design process. The result was a greatly improved system, with less costly rework and modifications during installation and commissioning."

Key plant features designed with Autodesk Inventor software include a "dual jaw crusher" for breaking down construction materials into smaller chunks, a comprehensive multilayered separation system and a high-capacity "pug mill" for grinding and mixing materials to form high-quality road base materials. The collaborative approach taken by ideas\* and its extended team enabled the entire project to be installed within 10 months of the first designs.

"Using Autodesk Inventor software enables ideas\* to take a more intelligent and effective approach to its large-scale projects. That, in turn, leads to better outcomes for the company's clients," said Robert "Buzz" Kross, senior vice president, Manufacturing Industry Group at Autodesk. "ideas\*' work on this innovative facility demonstrates the efficiency of Digital Prototyping in helping companies bridge typical gaps of understanding between conceptual design, engineering and manufacturing teams."

#### About the Autodesk Inventor of the Month Program

Each month, Autodesk selects an Inventor of the Month from the users of Autodesk Inventor software, which takes manufacturers beyond 3D to Digital Prototyping. Winners are chosen for engineering excellence and groundbreaking innovation. For more information about Autodesk Inventor of the Month, contact us at [IOM@autodesk.com](mailto:IOM@autodesk.com).

#### About ideas\*

Headquartered in Victoria, Australia, ideas\* is an engineering services firm dedicated to developing innovative process, manufacturing and technology solutions. Clients range from startups to established brands in a diverse range of industries, including biotechnology, consumer goods, renewable energy, industrial goods, services and many more. For more information, visit <http://www.ideaservices.com.au>.

#### About Autodesk

Autodesk, Inc., is a world leader in 2D and [3D design](#), engineering and entertainment software for the manufacturing, building and construction, and media and entertainment markets. Since its introduction of AutoCAD software in 1982, Autodesk continues to develop the broadest portfolio of state-of-the-art software to help customers experience their ideas digitally before they are built. Fortune 100 companies -- as well as the last 14 Academy Award winners for Best Visual Effects -- use [Autodesk software](#) tools to design, visualize and simulate their ideas to save time and money, enhance quality, and foster innovation for competitive advantage. For additional information about Autodesk, visit <http://www.autodesk.com/pr-autodesk>.

#### Editorial Note:

An interview with ideas\* is available on the Autodesk YouTube Channel at <http://www.youtube.com/watch?v=iulrYQiWzFc>.

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