

## **Tetra Tech Proteus Wins Prestigious Bentley Systems Innovation in Mining Award**

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Tetra Tech Proteus is this year's winner of the prestigious Bentley – Be Inspired Award for Innovation in Mining.

### **Bentley Be Inspired Awards**

<http://pages.info.bentley.com/beinspired2015/>

November 2-5, London, United Kingdom

After a successful presentation to the judges in London on 3 November 2015, Proteus Director & CEO Stewart Phillis took home the winner's trophy for the company's work on the Kvanefjeld Rare Earth: Uranium Project in Narsaq, Greenland.

Stewart Phillis said: "We are delighted to have won this award and the team should be proud of the work they have accomplished for the company. Bentley's software has allowed us to very efficiently create conceptual designs in 3D, which provides a powerful tool to evaluate options and extract cost savings at the feasibility stage. Our feasibility study designs are prepared with project execution in mind, and are suitable for ongoing detailed design development."

These awards highlight the world's most outstanding projects that have innovatively used Bentley software in infrastructure design, construction, and operations.

The annual Be Inspired Awards competition, part of The Year in Infrastructure 2015 Conference, brings together infrastructure professionals and members of the media from around the globe to share innovative practices in infrastructure project design, engineering, construction, and operations and celebrate the extraordinary work of the world's architects, engineers, contractors and owner-operators.

Tetra Tech Proteus was one of three finalist in the Innovation in Mining category:

- Tetra Tech Proteus – Kvanefjeld Rare Earth: Uranium Project – (Narsaq, Kujalleq, Greenland)
- CCTEG Beijing Huayu Engineering Co, Ltd. – 3D Standardized Design and Application of Main Power House of Xiaozhuang Mine Coal Preparation Plant – (Bin County, Shaanxi, China)
- Changsha Design and Research Institute of Nonferrous Metallurgy – Qulong Copper Polymetallic Deposits – (Tibet, China)

## **PRESS RELEASE**

Tetatech PRO has successfully developed a Bentley Microstation 3D model and integrated it with Google Earth 3D actual terrain spatial scan/satellite photography. This has enabled our client to successfully present to all stakeholders both environmental and visual impacts of the proposed plant onto the existing environment.

Of particular importance were presentations to the Greenland's EPA Authority and to the representatives of the nearby coastal village. This integration also assisted with a better estimation of the cut to fill and roads layout (both in hardrock - basalt/gabro) which represent a significant project cost.

Greenland Mining and Energy Limited (GMEL), a company listed on the Australian Stock Exchange, is intending to develop the \$USD1.5Bn Kvanefjeld Rare Earth and Uranium Project in South Greenland. The proposed development features a mine, concentrator, refinery, port, accommodation village and infrastructure. Tetra Tech Proteus was the main contributing consultant for the Kvanefjeld Feasibility Study. Tetra Tech's scope included multi-discipline design, capital cost estimates and implementation planning assistance.

PRESS RELEASE

**BE INSPIRED  
WINNER**

INNOVATION IN MINING  
**TETRA TECH PROTEUS**



*Kvanefjeld Rare Earth: Uranium Project  
(Narsaq, Kujalleq, Greenland)*



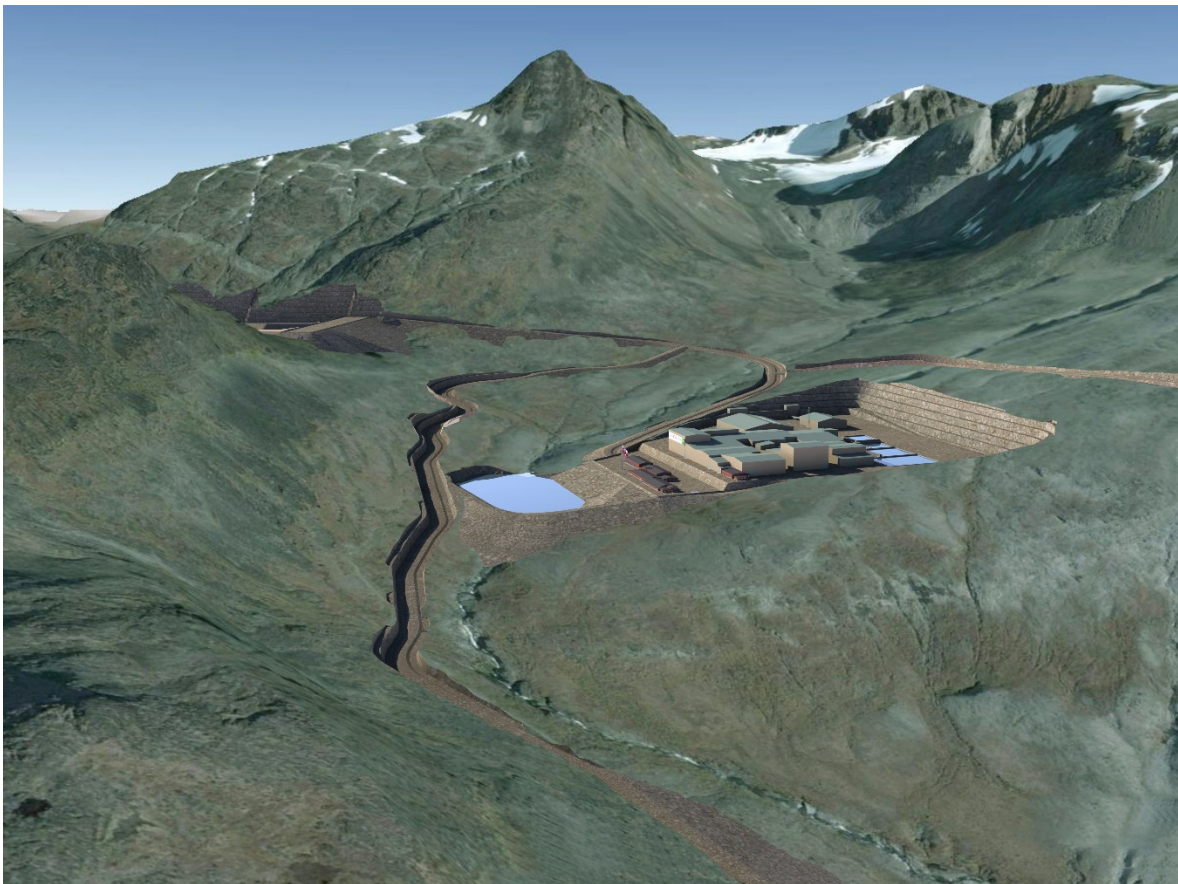
Caption: CEO Stewart Phillis presenting to the judges



**PRESS RELEASE**



Caption: Director & CEO Stewart Phillis receives award with Cad Systems Administrator Ben Louch



Caption: Refinery Approach View



## PRESS RELEASE



Caption: Refinery Equipment



Caption: Fjord Zoom View