

In cooperation with



# Invitation

## German Day at PDAC 2014

**The Mineral Resources Value Adding Chain – More Efficiency with German Technology**

**Tuesday, March 4th, 2014**

**02:00 p.m. – 09:00 p.m.**

**Metro Toronto Convention Centre (MTCC) – North Building, Room 206BA**

**Join us for a series of short presentations on German expertise and mining technologies along the supply chain of minerals and metals and meet German decision makers.**

This program will provide you with a series of short presentations and networking opportunities to learn about Germany's expertise along the supply chain of raw materials and Germany's demands as an importer of many strategic metals.

The German hosts offer an insight into Germany's Mineral Resources Strategy, show the potential of mining expertise made in Germany and allow a deep view into the efficiency in mineral processing. Please visit us for a series of short presentations and key notes on Germany's global expertise in mining technologies. Networking opportunities will be provided, especially at the reception directly after the presentations.

Germany is one of the main manufacturing and exporting countries in the world. Its industry relies on the availability of commodities at reasonable prices. The Canadian mineral resources market offers opportunities for Germany's security of long-term resource supply. On the other hand, Canada's demand for technical mining solutions and special services for the mining industry is covered by German companies. These topics are reflected in the presentations of the German companies and organizations.

**All are welcome. Registration is not required.**

Jointly organised with





## Agenda

Tuesday, March 4th, 2014, 02:00 p.m. – 06:00 p.m., MTCC North Building, Room 206BA

### 1. Welcome and Introduction

- 02:00 **Opening - German Mineral Resources Agency (DERA) – Frank Eidam**  
*Germany's role in the mineral resources markets*
- 02:05 **Welcome - His Excellency Ambassador of the Federal Republic of Germany to Canada – Werner Wnendt**  
*Relations between Canada and Germany in the mining sector*
- 02:15 **Introduction - Canadian German Chamber of Commerce (AHK Kanada) Christopher Schmidt | Canadian-German mining success stories**

### 2. Germany's Mineral Resources Strategy

- 02:20 **Federal Institute for Geosciences and Natural Resources (BGR) – Dr. Volker Steinbach**  
*Developments and trends in the German mineral resources sector*
- 02:35 **Helmholtz Institute Freiberg for Resource Technology – Prof. Gerald van den Boogaart**  
*Resource technology research in Germany*
- 02:50 - 03:00 **Break**

### 3. Mining Expertise made in Germany

- 03:00 **VDMA Mining Equipment / German Engineering Federation – Dr. Dirk Orlowsky**  
*German technology supports mining worldwide*
- 03:10 **DMT GmbH & Co. KG - Exploration and Engineering Geophysics – Dr. Dirk Orlowsky**  
*3D seismic imaging for a better understanding of deep – seated deposits*
- 03:30 **Aumund Fördertechnik GmbH – Dr. Michael Mutz**  
*The times they are a changin' – View of a supplier to the mining & minerals industry*
- 03:50 **Bosch Rexroth Canada, The Drive & Control Company – Rodney Trail**  
*Energy saving variable speed hybrid drives*
- 04:05 **Herrenknecht AG – Patrick Rennkamp**  
*Innovative mechanical excavation techniques for mining applications*
- 04:20 - 04:30 **Break**

### 4. Efficiency in mineral processing

- 04:30 **RWTH Aachen (University) – Henning Knapp, Prof. Dr. Hermann Wotruba (Co-Author)**  
*Impulses to enhance resource efficiency in mineral processing*
- 04:50 **CRONIMET Mining AG – Rollie Armstrong**  
*CRONIMET Mining – Energy for commodity swap*
- 05:10 **Outotec (Canada) Ltd. – Collin Bartlett**  
*Leading Technology – mineral processing*
- 05:30 **Aurubis – Bastian Bergholz**  
*Leading in processing of copper concentrate*
- 05:50 - 06:00 **Consul General of the Federal Republic of Germany in Toronto – Walter Stechel**  
*Closing – Resumee: Chances and ways for cooperation*



06:30 - 09:00 **German Reception**

Please join us for a glass of German beer and sausages, – toast on excellence and take the opportunity to meet experts from the German mining industry.

07:00 – 07:10 **Welcome & Greetings**

AHK Kanada – Christopher Schmidt  
FAB – Dr. Martin Wedig  
VMDA – Dr. Dirk Orłowsky  
Counsellor Commercial and Senior Trade Commissioner, Embassy of Canada,  
Germany - Richard Tarasofsky

**This program may be subject to change**

All are welcome. Registration is not required.

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**About the Organizers:**

The German Mineral Resources Agency (DERA) is the central German information and consultation platform for non-renewable resources - metals, minerals, aggregates and energy resources. It was founded in October 2010 by the Federal Ministry of Economics and Energy and is part of the Federal Institute for Geosciences and Natural Resources (BGR).

On the initiative and with funding of the Federal Ministry of Economics and Technology, in 2010 the Canadian German Chamber of Industry and Commerce Inc. established a Competence Centre for Mining and Mineral Resources to foster business relationships between Canada and Germany in the mining sector. The objective is to support German companies in diversifying their resource supply sources and to establish sustainable supply chains between Canada and Germany. The Competence Centre is the primary contact for German and Canadian companies.

The Helmholtz Institute Freiberg for Resource Technology (HIF) was founded in 2011. The institute belongs to Helmholtz-Zentrum Dresden-Rossendorf and cooperates closely with TU Bergakademie Freiberg, the oldest mining university in the world. HIF pursues the objective of researching and developing innovative technologies for the economy. Its focus is on mineral and metalliferous raw materials and how to make them available and used more efficiently and recycled in an environmentally friendly manner.

**Visit the Helmholtz Institute Freiberg for Resource Technology (HIF) at Booth #0853**