



EPR Consulting Services, LLC  
*Taking Business Beyond Your Horizon*

## The Mining Diesel Emissions Council Looking Back & Ahead

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### Mission Statement

The Mining Diesel Emissions Council (MDEC) is committed to providing a global forum for the dissemination of the latest scientific and technologically advanced research to reduce and control diesel emissions in the mining workplace environment

## MDEC Strategic Intent

For over 30 years, the Mining Diesel Emissions Council has focused on the following strategic goals:

- To ensure Clean Air for all our employees serving within the mining industry
- To promote awareness of suppliers who bring Clean Air solutions to the mining industry through the development and application of new diesel technologies
- To strengthen the mining industry position with respect to safety, health and environmental matters.

## MDEC Influencers/Drivers

- Underground mine worker health & safety
- Underground air quality
- Diesel powered equipment & associated exhaust emissions
- Government regulations
- Technology

## MDEC Historical Benchmarks

- **1999**- In recognition of the international outreach of this conference, the name was officially established-Mining Diesel Emissions Conference
- **2007**- The Mining Diesel Emissions Council (the organizing body for the conference) incorporated as a non-profit organization to formalize and expand its service to the industry and for sustainability

## What's next?

- New diesel fuel standards for non-road (June 2010) vehicles, reducing sulfur levels to 15 ppm
- New EPA non-road engine certification standards ( $175 \leq \text{hp} \leq 750$ ) phased in from 2011-2014 for PM and NOx

## MDEC Emerging Focus

MDEC should consider incorporating into future conferences:

- Impact of the implementation of Tier 4 engines on underground mine air quality
- Expanded constituency with a view toward all non-road diesel engine/equipment and fuel applications in adjacent markets
  - Open pit mining; tunneling; construction, etc.
- Examine best practices from non-road applications for applicability in the underground mining industry