Coal Mine Firedamp Gas Management Center

Background
Coal production in Vietnam is rapidly increased. It is estimated that in the years 2000 and 2010, annual coal production will reach 10-12 million tons and 15 million tons. The quick increasing demands need to develop and expand underground mining activities. Due to the geological condition in mine areas and the typical weather in Vietnam as well as the structures of coal seams, the gas emissions at the high level are easy to happen. Methane explorations, toxic gas emission causes loss of men, property and natural resource. Needless to say, coal mine firedamp gas management must be improved.

Overall Goal/ Objective

(Overall Goal)
The safety technology is to be enhanced and disseminated in the Vietnamese coal industry.

(Project Purpose)
The Coal Mine Firedamp Gas Management Center will be able to offer technological service concerning the coal mine firedamp gas safety management.

Counterpart
Institute of Mining Science and Technology, Vietnam National Coal Corporation

Major Activities
(1) To establish the management system;
(2) To guide the in-situ gas content in coal seams evaluation technology;
(3) To guide the underground mine ventilation control technology based on the ventilation network analysis;
(4) To guide the underground mine monitoring technology;
(5) To execute the explosion-proof performances evaluation,
(6) To guide the rescue activity technology,
(7) To extend the education and training concerning the mine safety.

Duration
April 2001 ~ March 2006