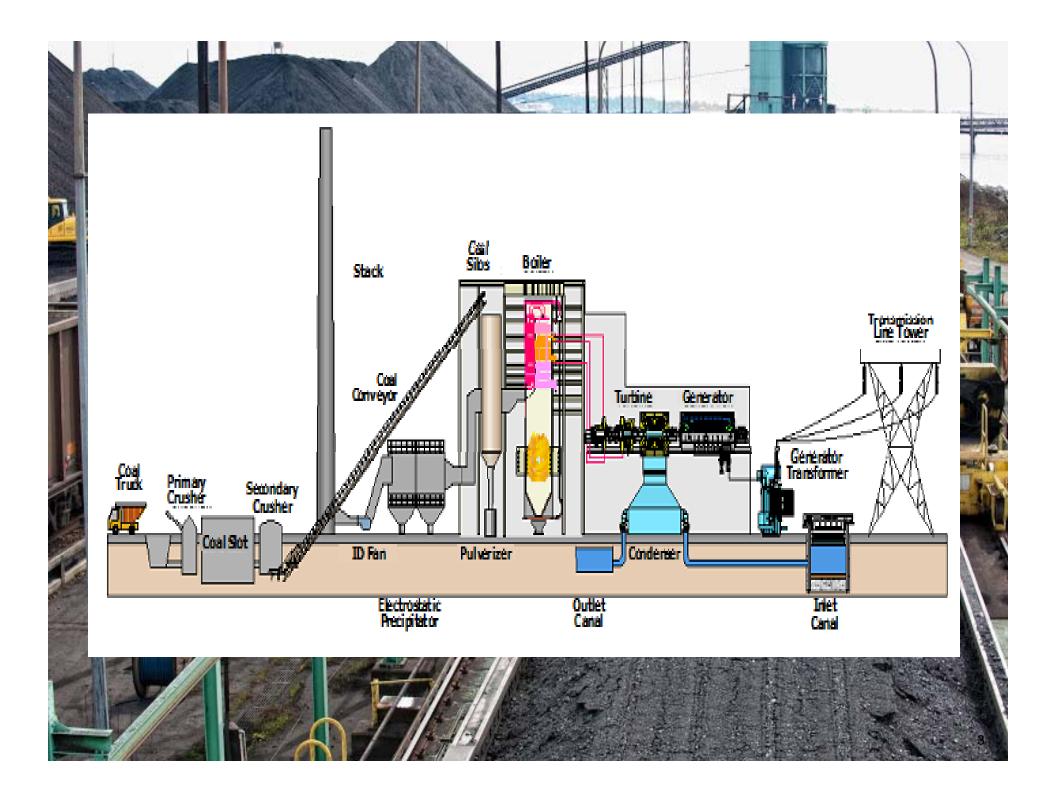


OUTLINE

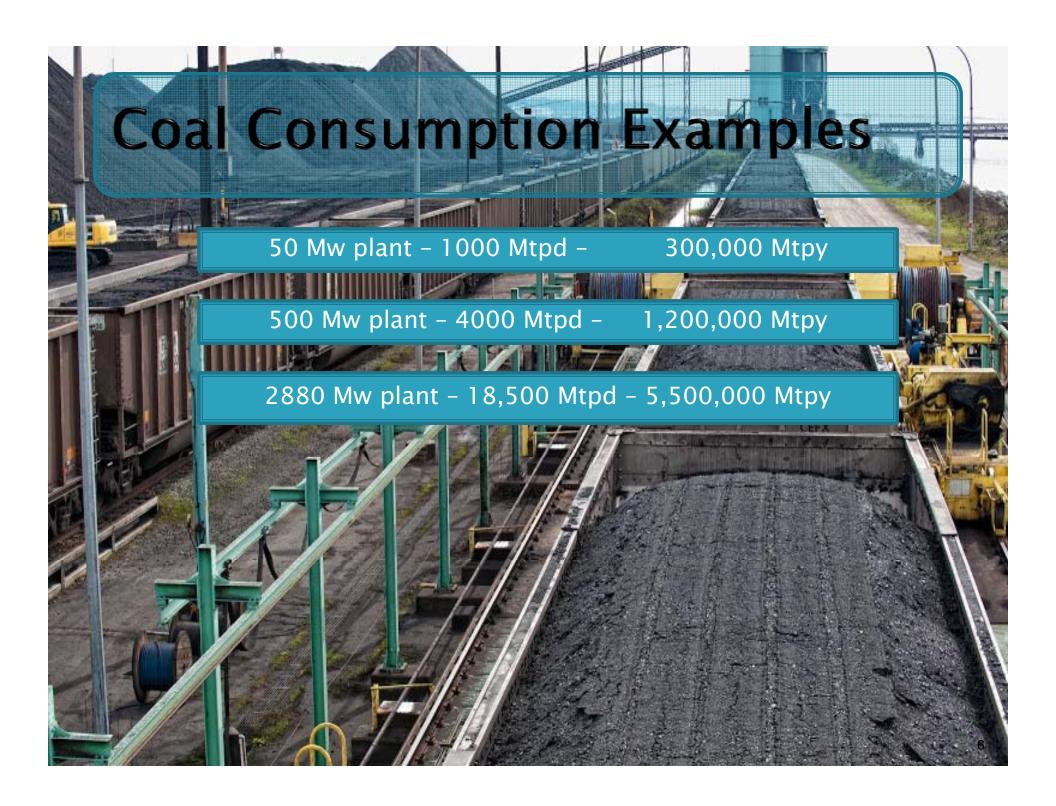


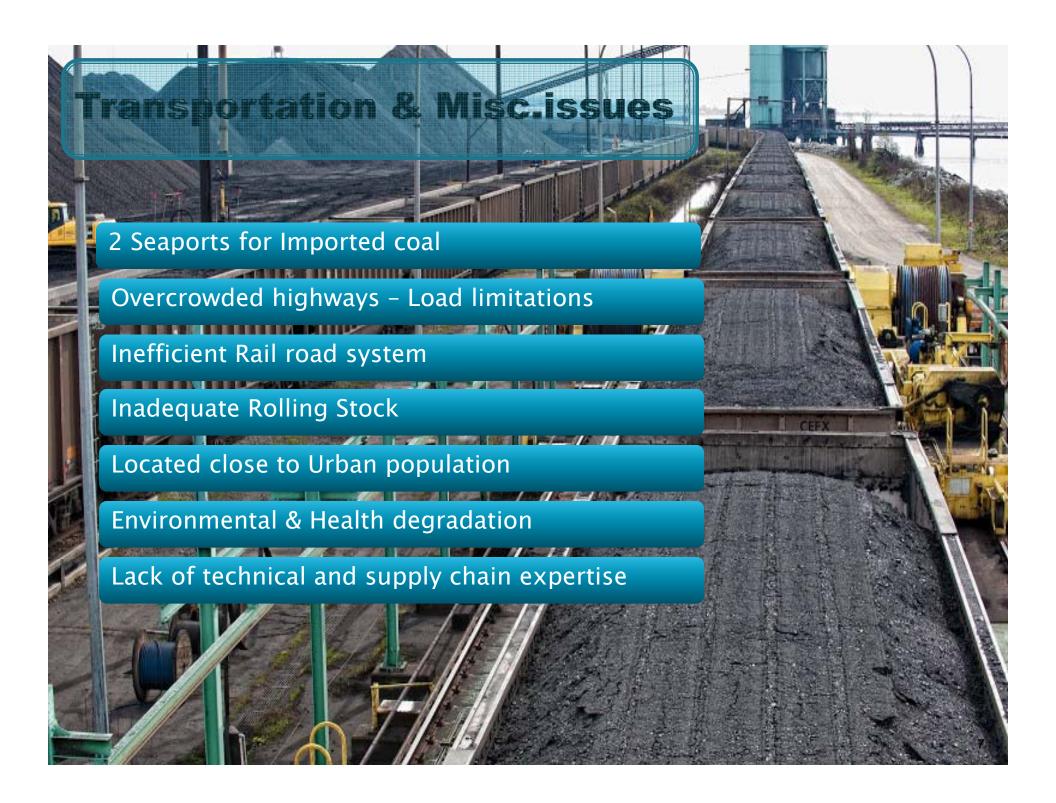




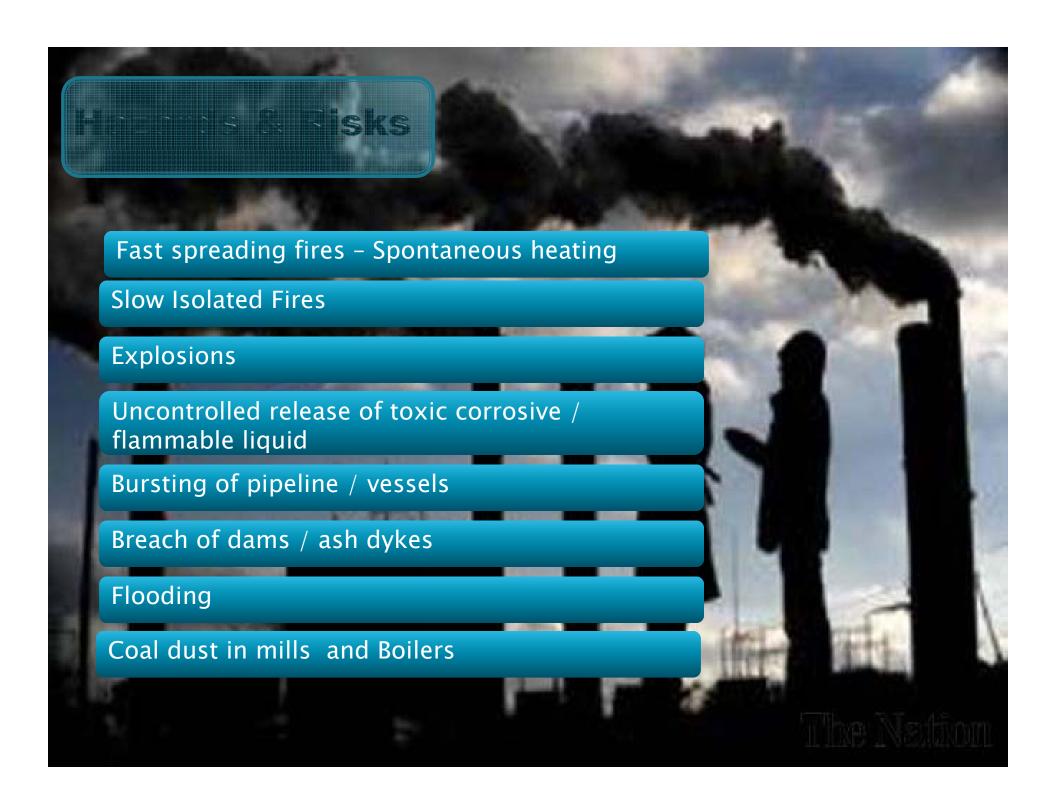


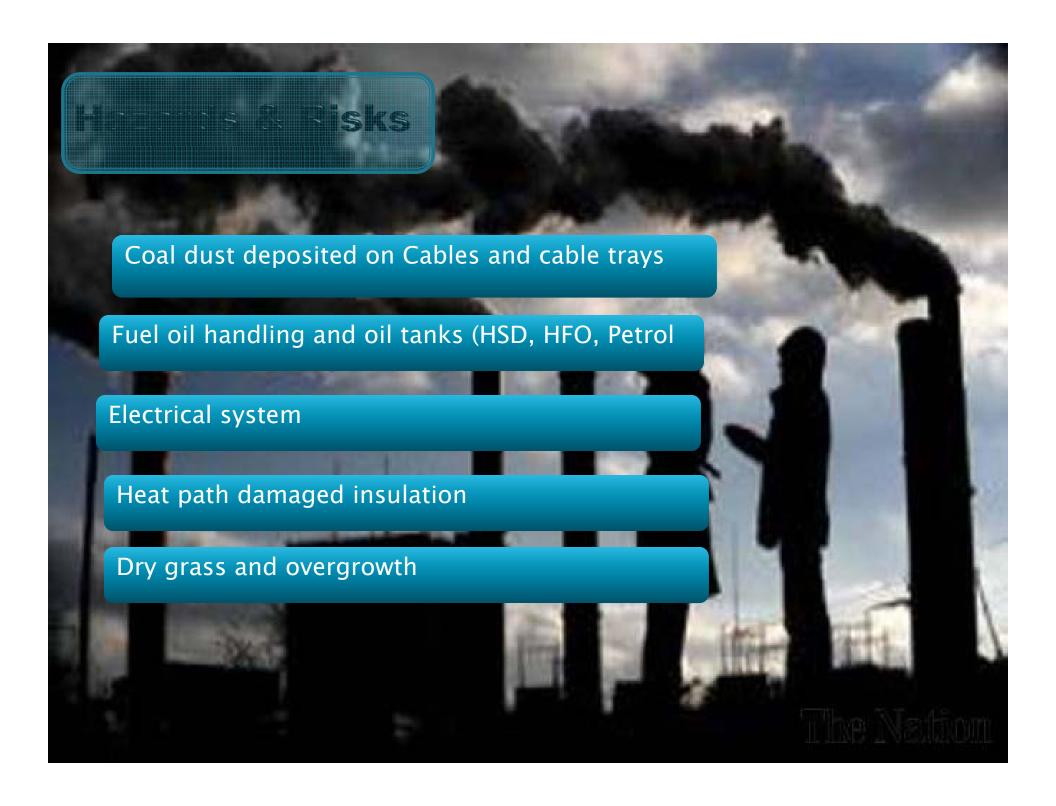


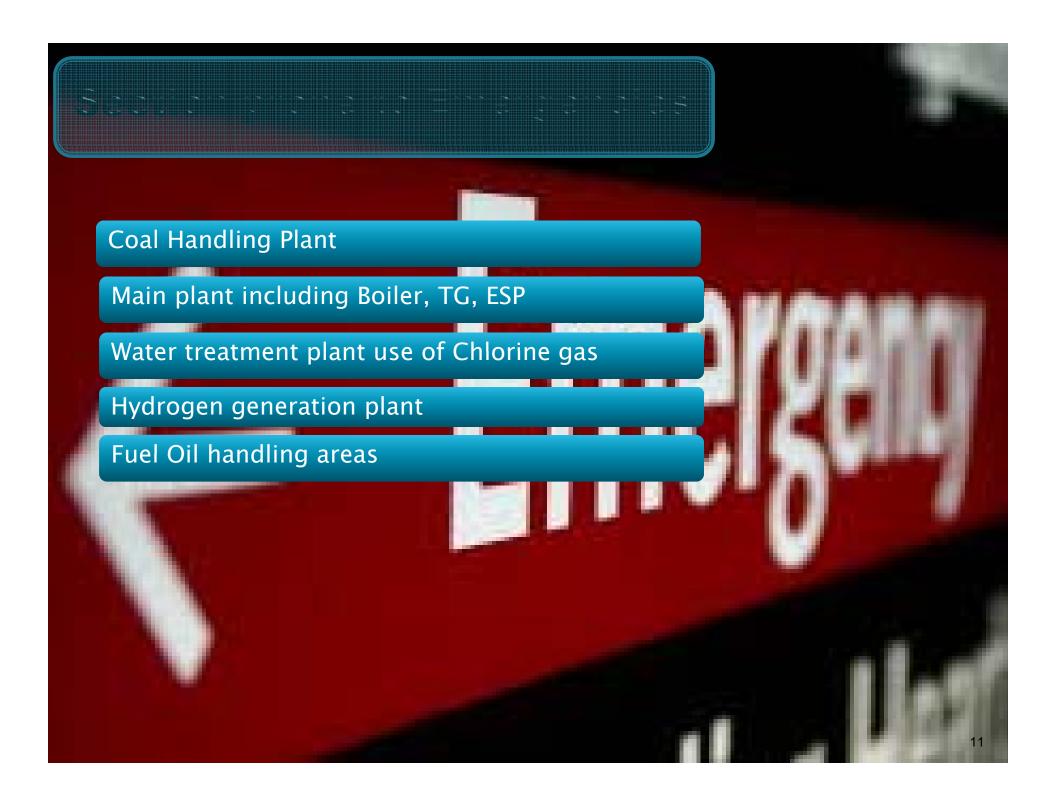






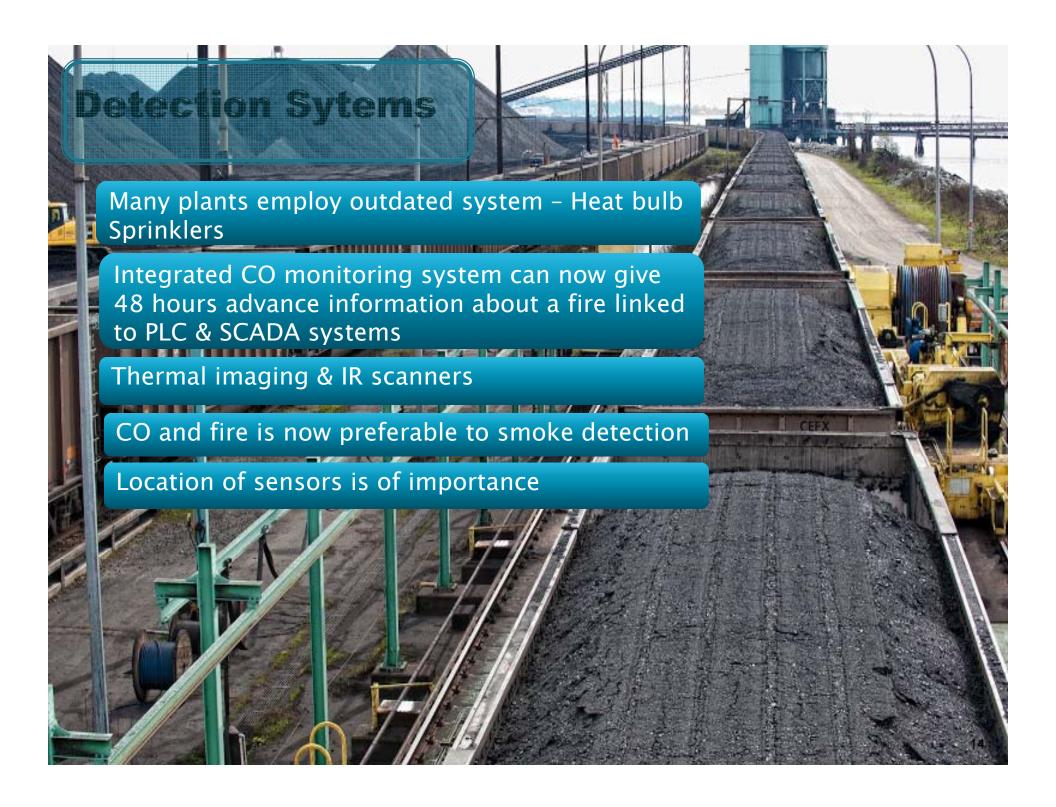






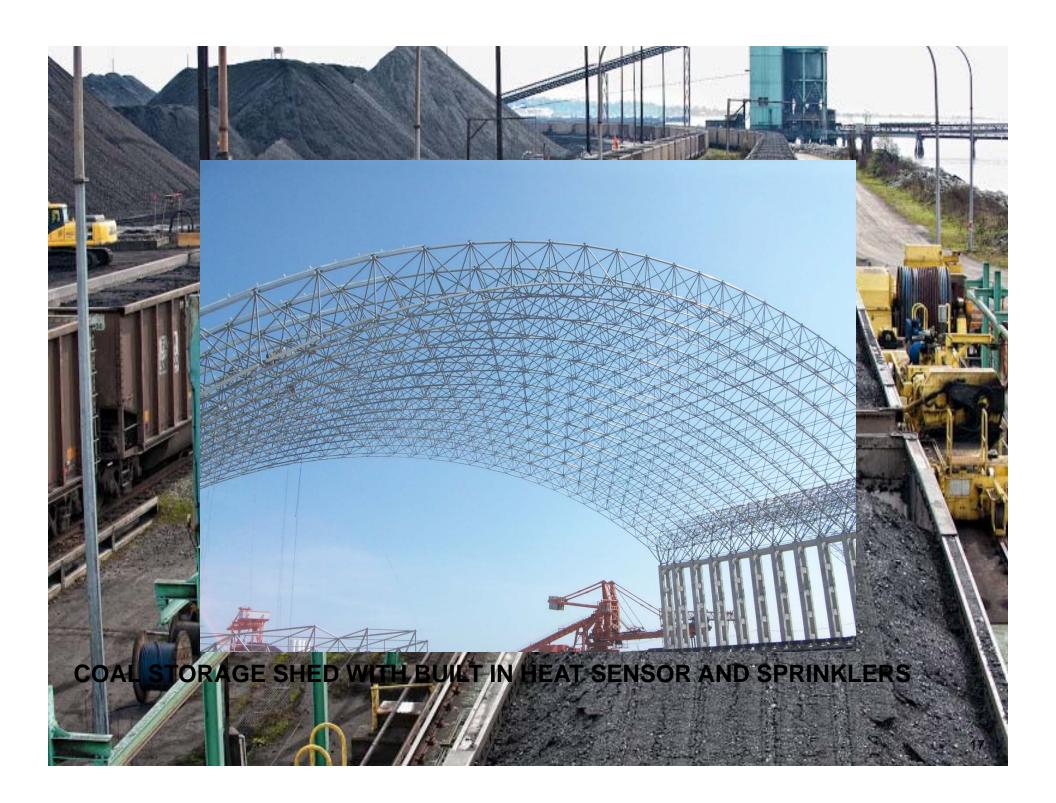














Case Study - Power Plant

2740 Mw Coal fired power plant in US

105 employees

Coal consumption 6.1 Million tons

Caused by: fine particle pollution consisting of a complex mixture of soot, heavy metals, sulfur dioxide and nitrogen oxides

Health costs

Death - 69 - \$500,000,000

Heart attacks - 110 - \$12,000,000

Chronic Bronchitis - 40 - \$18,000,000

Hospital admissions - 52 - \$1,200,000

