Social Impact Assessments: A Case Study of the West-East Natural Gas Pipeline in China



Eleanor Gill | April 27, 2004 M.A. Candidate, Asia Pacific Policy Studies Institute of Asian Research University of British Columbia Ellie\_San@hotmail.com

## **Presentation Overview**

-Introduction to project and SIA

- 1. Implications of conducting SIAs in a country such as China?
- 2. Possible motivations in conducting such a SIA?
- 3. How can SIAs actually address concerns?







GAZPROM 🚭



July 2002: JV Framework Agreement

March 2002: SIA

15 weeks 10,750 stakeholders and households

## **FINDINGS~**

"a reservoir of good will ... "

### <u>Hopes</u>

Local economy Employment Access to gas



Concerns Lack of information Compensation Pipeline safety Environment Infrastructure damage Land and crops

 $\Rightarrow$  <u>Mitigation Measures</u>

## 1. CONDUCTING SIAs IN CHINA

## Methodology:

#### Communication

## Local Knowledge

#### 西气东输 冶金业有机可乘

据了解,即将开工的"西气东输"工程和未来将建的中 俄等跨国管线,在国内总长约1000公里,需600万吨 至900万吨高级管线用钢,平均年需用 x70钢40吨至 60万吨...

除了 x70 管线之外,西气东输工程还需要另外一些规格的冶金产品。到底能给国内的企业提供多少机会呢?有关专家初步估算,"西气东输",干线管道建设静态投资约 384 亿元人民币,下游消化用气投资约 800 亿元人民币,整个工程动态投资约数千亿元。...

据专家预测,按铺设两条平行管的惯例,"西气东输" 管道主干线大约需要200万吨钢板。但目前我国自己 生产的管线钢除了在量的生产上不能满足这一工程的 需求外,质上还存在一定的问题。比如管材的度不 够,抗压能力不足等。

专家分析,工程本身对于其他建材的需求也是相当大的。工程一旦大规模展开,那些品种适合工程需要, 产品质量好的建材企业将会有段好日子过了。

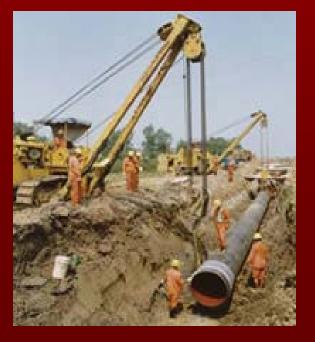
(资料来源:中国能源网)

## CONDUCTING SIAs IN CHINA (cont.)

## Politics:

### Working with government

-China International Center for Economic and Technology Exchange (CICETE)



#### 'Climate of fear'?

# 2. MOTIVATIONS FOR SIAs in CHINA

## Joint Venture contract?

Public Relations?

Risk Analysis and Mitigation?



## **3. ADDRESSING LOCAL CONCERNS**

Environmental and Social Management Plans (ESMPs)

# Maintaining and protecting the "reservoir of good will"



**Other Suggestions** 

Comments or Questions?