

Social Impact Assessments:

A Case Study of the West-East Natural Gas Pipeline in China



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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?

PetroChina

中国 石油



ExxonMobil

GAZPROM 

July 2002:
JV
Framework
Agreement

March 2002:
SIA

15 weeks
10,750
stakeholders
and
households



FINDINGS~

"a reservoir of good will..."

Hopes

Local economy
Employment
Access to gas



Concerns

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

⇒ Mitigation Measures

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 万吨至 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?