

**Shanghai Benzene Study**  
**External Stakeholder Engagement Meeting Minutes**  
**January 27, 2003**

**Participants: Patsy Clegg, Shan Tsai, Tim English, Sarah Colletti, Joe Machado, Robin Aram, Johan Breukelaar, Stuart Cagen, Lauren Iannarone**

1. Introductions
2. Review Agenda
3. Objectives of Meeting
  - Familiarize participants with Shanghai Benzene Study
  - Develop a plan/strategy for engaging NGOs
4. Brief Overview of the Shanghai Benzene Study and Benzene Health Research Consortium
  - Shell is contributing to a joint study in Shanghai that aims to better define the risks from exposure to benzene as part of ongoing product stewardship and safety and health programs
  - A state-of-the-art clinical and molecular laboratory is being built on the Fudan Medical University campus to support the research project and the Shanghai medical community and will remain at Fudan once the project is completed
  - In 1997, the National Cancer Institute in the US released a study of benzene-exposed workers in China. The study concluded that benzene exposure may cause non-Hodgkin's lymphoma, (NHL). Previously, benzene exposure had been linked only to acute myelogenous leukemia (AML),. The NCI study also showed development of AML at lower exposure levels than previously known.
  - In March 2001, the Shell Chemicals CEC approved Shell's participation in a consortium (including BP, ChevronTexaco, ConocoPhillips, ExxonMobil) to fund a 5-year program in Shanghai.
  - The purpose of the study is to gain a more refined understanding of the relationship between benzene exposure and associated cancer risks. The cohort participants - who are informed and consenting volunteers - are patients that are identified by Shanghai hospitals as having a benzene exposure related condition. The program includes three studies:
    - (1) a prospective epidemiology study,
    - (2) a disease progression study, and
    - (3) a molecular biomarkers study.
  - Shell has committed \$3MM to the \$23MM project
  - Searching for additional participants from the energy and petrochemical sectors
  - It was suggested that the group consider recruiting Japanese companies
  - APCO has been hired to manage public relations for the consortium