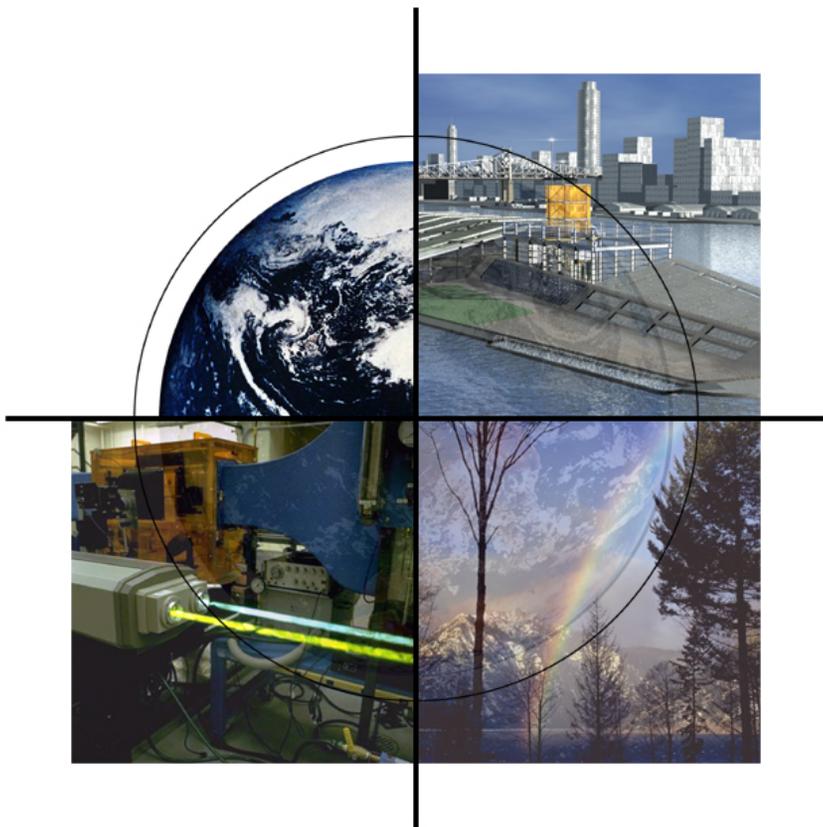


Issues and Opportunities for Round 2 Solicitation

**CCPI Round 2 Planning
Workshop**

**Pittsburgh, PA
August 26, 2003**



Mike Eastman, Technology Manager, NETL



What is DOE looking for in Round 2?

- **Address National priorities for coal-based power**
 - Advanced low-cost mercury control
 - Advanced low-cost NOx control
 - “On the path” to zero-emissions plants
 - Gasification technologies
- **Pursue Targets and Timeframes in Coal Technology Roadmap**
 - 2010 and 2020 performance targets
 - Address needs of existing fleet and future energy plants
- **Innovation and technology advancement are valued**
- **Good commercial prospects for successful technologies**



Is DOE only interested in “Power” projects?

- **Primarily interested in technologies directly linked to coal-based power generation**
- **Expanding use of coal in U.S.**
 - 95% of coal mined in U.S. goes for power production
 - Power is most readily available market for coal



Will DOE Consider... ?

- **Multi-pollutant control technology.**
- **Industrial power and distributed generation projects.**
- **CO₂ capture technology for the existing fleet.**
- **Changes in mining practices that impact power plant performance.**
- **Advanced combustion technology (not just gasification).**
- **Pre-combustion technologies**



Specific Technical Issues

- **Must the project produce electricity?**
- **Are sub-scale demonstrations (10-40 MW) acceptable?**
- **Will future rounds include NO_x and mercury control technology?**
- **Is any relief from EPA requirements possible?**
- **Do two pieces of a plant need to be at the same site?**



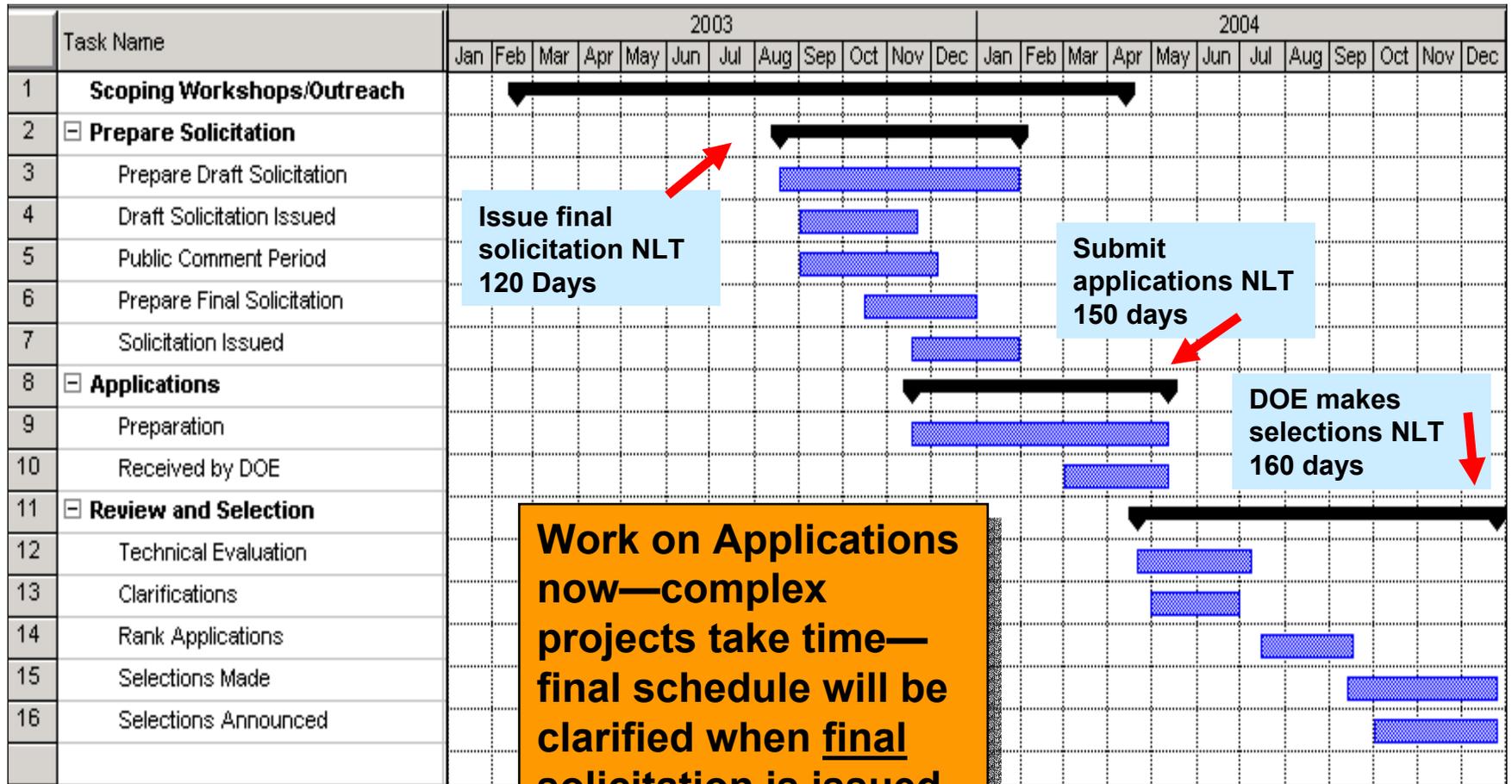
Specific Business Issues

- Is 100% repayment required only if the project is successful?
- How do national labs and universities participate in applications?
- Can contingency be included in cost proposals?
- Can mercury or CO₂ reductions be accepted as credits toward repayment?



What is the Schedule for CCPI Round 2?

Path to Selection



NLT-no later than



Other key scoping issues?

- **Anyone have points to make they would like people to consider over lunch?**

