Overview: Focused Workshop on Automating Software Engineering Knowledge Delivery

Barry Boehm, USC-CSE
February 11, 1999
Workshop Objectives

- Address key issues in automating SE knowledge delivery
- Assess new directions in cost/quality modeling technology and strategies
- Provide guidelines for USC-CSE research, Affiliate activities
  - Needs, priorities, risks, opportunities
- Stimulate USC-CSE/Affiliate collaboration in automating SE knowledge delivery
Proposed Breakout Groups
(Moderator; Scribe)

• Automating Product Knowledge
  (Judy Kerner; Alex Egyed)

• Automating Process Knowledge
  (Winsor Brown; Marwan Abi-Antoun)

• Knowledge Capture and Delivery
  (Dan Port; Jung-Won Park)
Breakout Group Guidelines

- **Product:** briefing, preferably with notes and priorities
- **Topics should include**
  - Most critical issues in area
  - Most promising opportunities
  - Results from DELPHI surveys
  - Research suggestions: general, CSE, CSE/Affiliates
- **Thurs. afternoon plenary session to finalize breakout groups**
Round #2 Result

1. COCOMO II
2. COSSEMO
3. CORADMO
4. COCOTS
5. COQUALMO
6. COPROMO
7. UML-Based Sizing
8. Tool Ratings and Effects
9. Incremental Development
10. Detailed COCOMO (Phased Distribution)