P 00375
184

ISO 14001 IMPLEMENTATION ISSUES

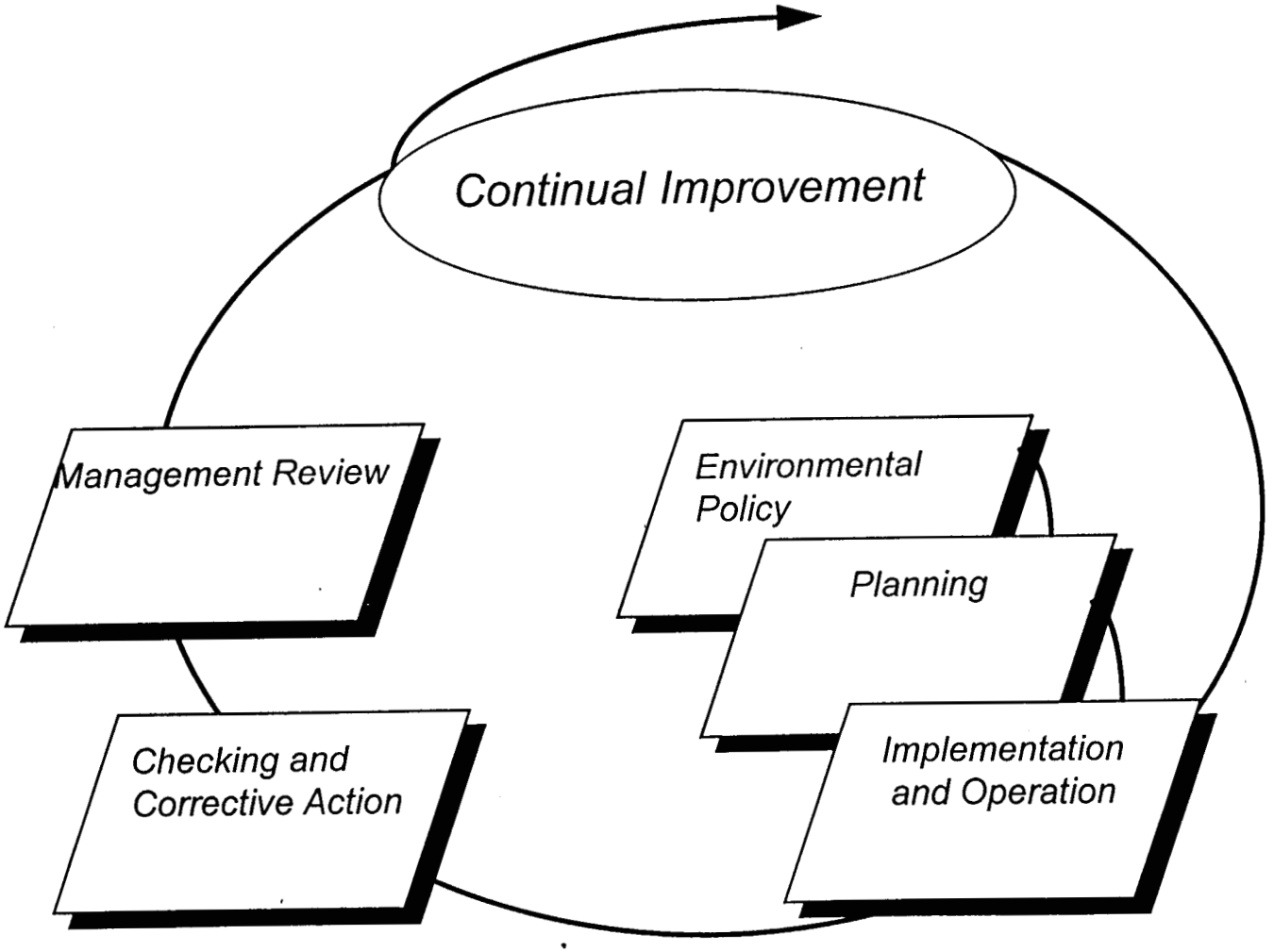
By: Cornelius "Bud" Smith
ML Strategies, Inc.

North Carolina DEHNR Conference
Durham, N.C.
October 1, 1996

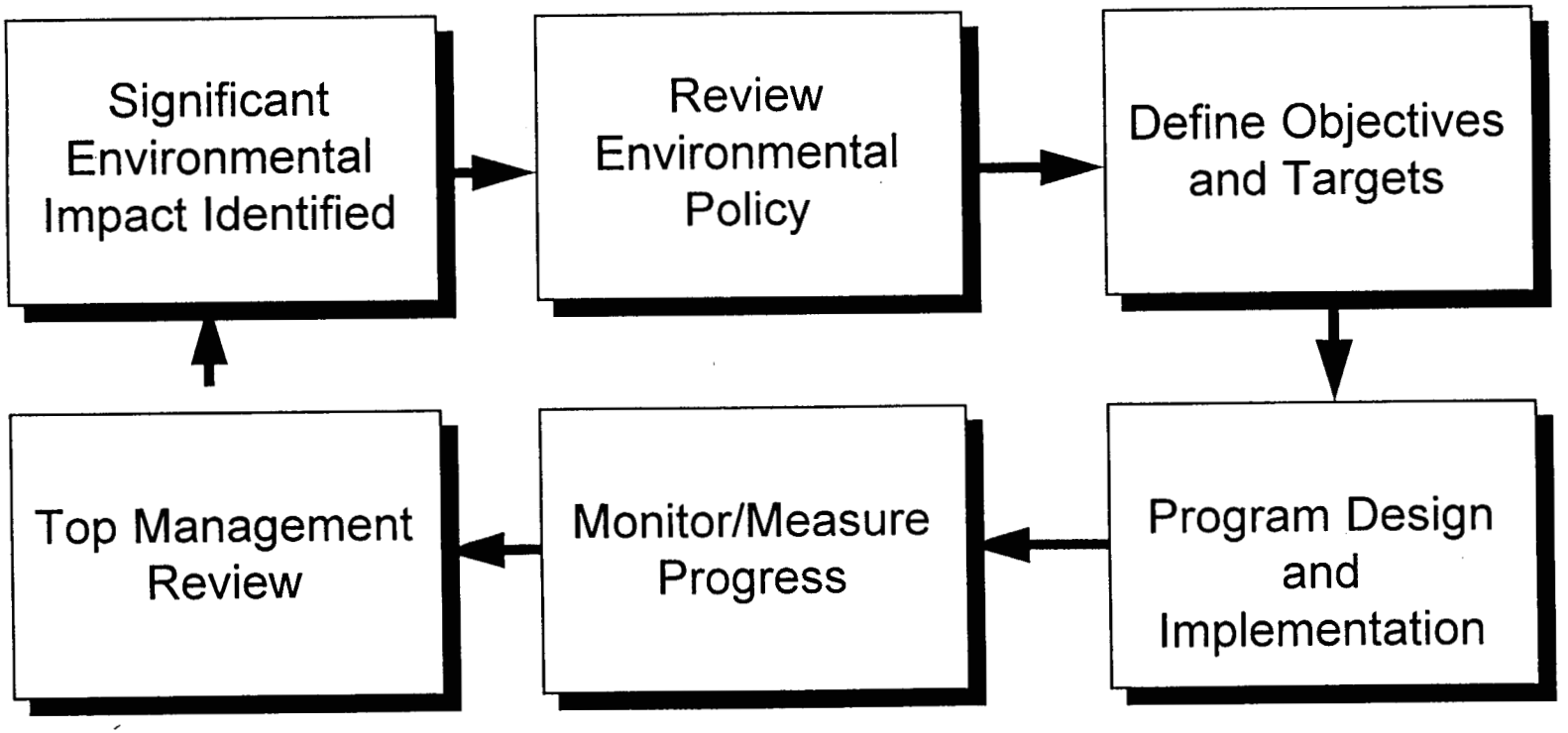
IMPLEMENTATION ISSUES OVERVIEW

- Basic Process
- Relationship to Overall EMS
- Implementation / Registration Options
- Common Improvement Areas
- Implementation Model
- Implementation Suggestions

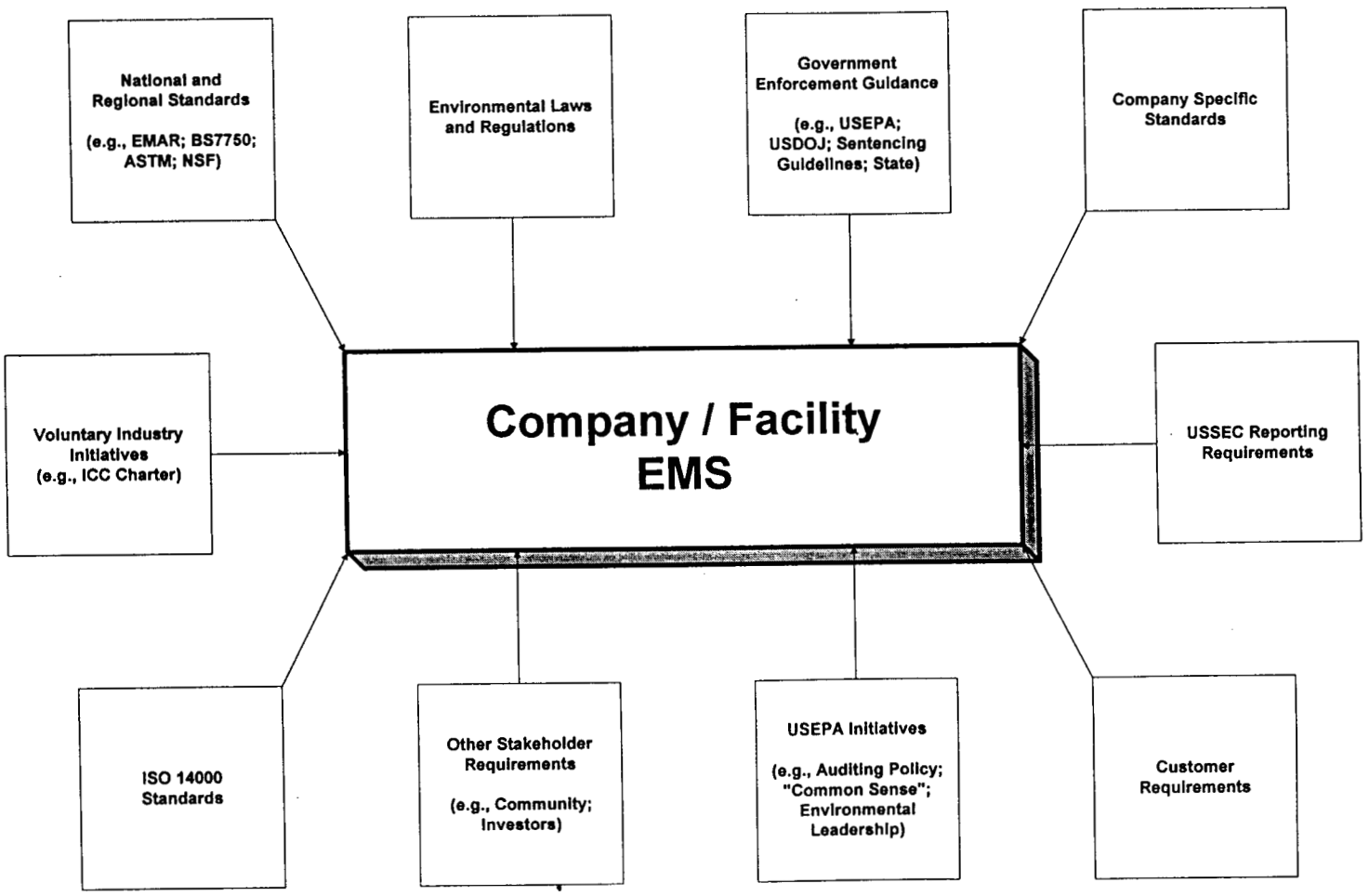
THE ISO 14001 PROCESS MODEL



BASIC ISO 14001 PROCESS



RELATIONSHIP TO OVERALL EMS



IMPLEMENTATION OPTIONS

- Partial Implementation
- Self-Declaration
- Third-Party Registration
- Implementation / Registration Mix

COMMON EMS AREAS REQUIRING SOME IMPROVEMENT

- Aspects / Impacts Identification
- Documentation (e.g., Revising Procedures)
- Document Control / Record Keeping
- Training
- Requirements Management
- Consistent Responses to Non-Conformities

REASONS FOR PILOTING ISO 14001

- Field Test Company's Overall Strategic Plan
- Development of Valid Cost / Resources Data
- Identification of Major Areas Requiring Improvement
- Development of Model Implementation Tools For Use By Other Company Facilities
- Confirm Company's Overall Strategic Plan

IMPLEMENTATION MODEL

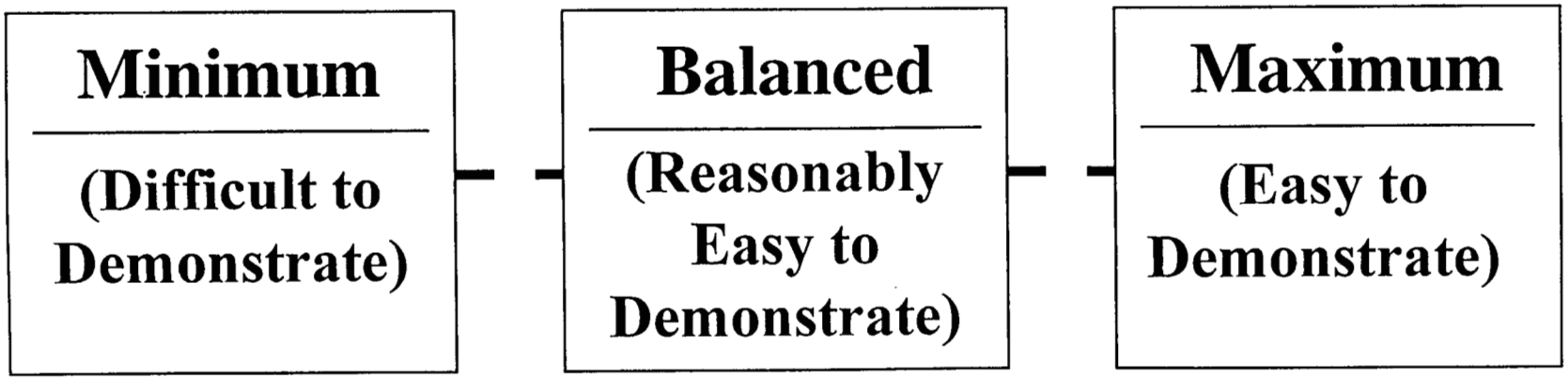
- Establish Cross-Functional EMS Team
- Select Pilot Facility
- Draft Pilot Facility Strategic Plan
- Conduct Strategic Review
- Implement Major System Upgrades
- Perform Detailed Gap Analysis
- Implement Corrective Actions
- Self-Declare or Register

IMPLEMENTATION SUGGESTIONS

- Recognize That an EMS is a Management Tool
- Recognize That ISO 14001 is Only One EMS Input
- Don't Create "Another Corporate Program"
- Take Advantage of Existing TQM Systems
- Build On Them and Other Existing Programs
- Integrate Into Day-to-Day Management System

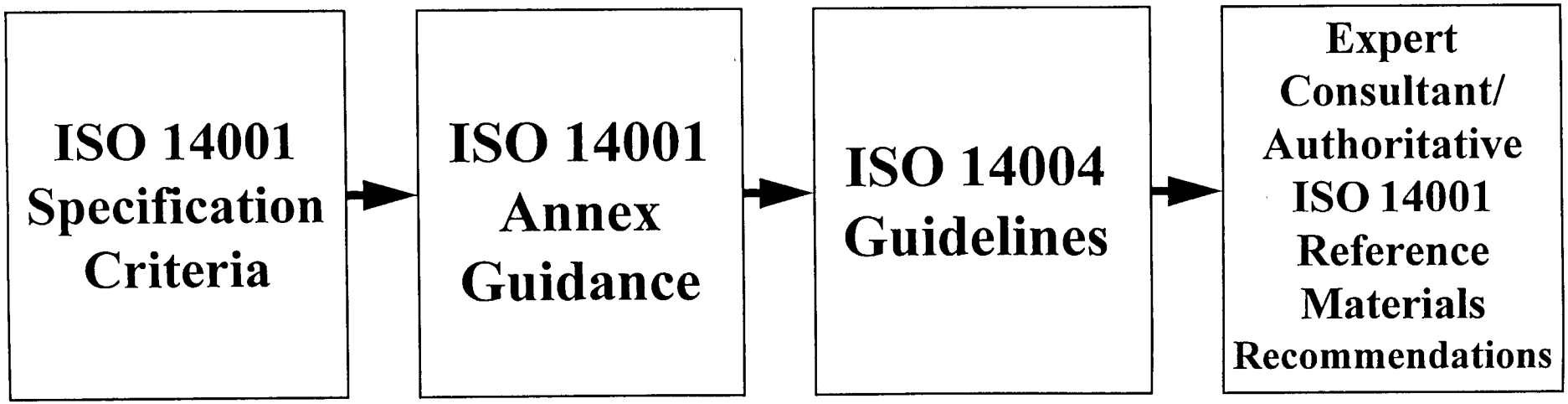
DEGREE OF ISO 14001 CONFORMANCE

- Policy Decision - Must Be Consciously or Subconsciously Made as to:
  - The EMS Generally
  - Each EMS Element



ML Strategies

DEGREE OF ISO 14001 CONFORMANCE

- Process of maximizing the ease with which conformance can be demonstrated

Seek to Satisfy: