SYSTEM'S LIFE CYCLE PHASES & ACTIVITIES

pre system acquisition

concept refinement
determining needs to be met

technology development
determining what meets Army needs

milestone A
authority to begin developing technology

milestone B
authority to begin developing & demonstrating the system

system acquisition

system development and demonstration
creating, testing, and refining

design readiness review

milestone C
authority to begin production & deployment

full-rate-of-production decision

sustainment

production & deployment

operations & support

disposal

ENVIRONMENTAL FOCUS ON SYSTEM'S LIFE CYCLE

- Environmental professionals review and comment on the capabilities and requirements for the new system.
- Environmental experts are part of the Integrated Product Team from the beginning.
- An environment, safety and occupational health evaluation for the program is required before system development and testing begins.
- The Army develops an Environmental Assessment and, if necessary, an Environmental Impact Statement for the entire program. These documents, required under the National Environmental Policy Act, are updated throughout the acquisition phase and finalized before full-rate production.
- Environmental specifications are written into design requirements presented to potential contractors who will turn the design into hardware.
- Environmental experts have a say in the contractor selection process and monitor the work for compliance with environmental standards.
- Technical manuals are validated for operation, repair and maintenance practices.
- Another program-wide environment, safety, and occupational health evaluation is done before the Army authorizes production.
- Safety and Suitability for Release Statement.
- Installations where the system will be used prepare their own site-specific Environmental Assessments, and if necessary, Environmental Impact Statements based on program-wide documents and local conditions.
- Units training with the system prepare Environmental Assessments and, if necessary, Environmental Impact Statements based on installation and program documents and their own needs.
- Disposal Environmental Assessment and Environmental Impact Statement.

IDENTIFY POTENTIAL CONSEQUENCES

DETERMINE CONSEQUENCES & DEVELOP MITIGATION MEASURES