

## Two-Stage Alternatives Analysis (AA) Overview

### First Stage (Output = Preliminary Alternatives Analysis Report)

The first stage of the Alternatives Analysis process involves characterization of the Priority Product and a preliminary screening of possible alternatives using relevant factors.

#### Major Components:

- Priority Product Information: function, performance, and legal requirements
- Identification of Alternatives
- Identification of Relevant Factors: preliminary hazard and exposure evaluation for alternatives, incorporate life cycle thinking
- Screening Alternatives: narrow down alternatives for consideration in the second stage AA

### Second Stage (Output = Final Alternatives Analysis Report)

The second stage is the in-depth analysis of the alternatives identified in the first stage using available information for the relevant factors as well as technical assessment and economic impacts analysis.

#### Major Components:

- Confirmation of Relevant Factors: include feasibility assessment and economic impacts
- Technical Assessment: evaluation of product function and performance of Priority Product and alternatives
- Impact Assessment: in-depth analysis of adverse impacts and multimedia life cycle impacts
- Economic Analysis: internal, public health, environment, government, non-profit organizations
- Alternatives Comparison and Final Decision

### Two-Stage Alternatives Analysis Process

