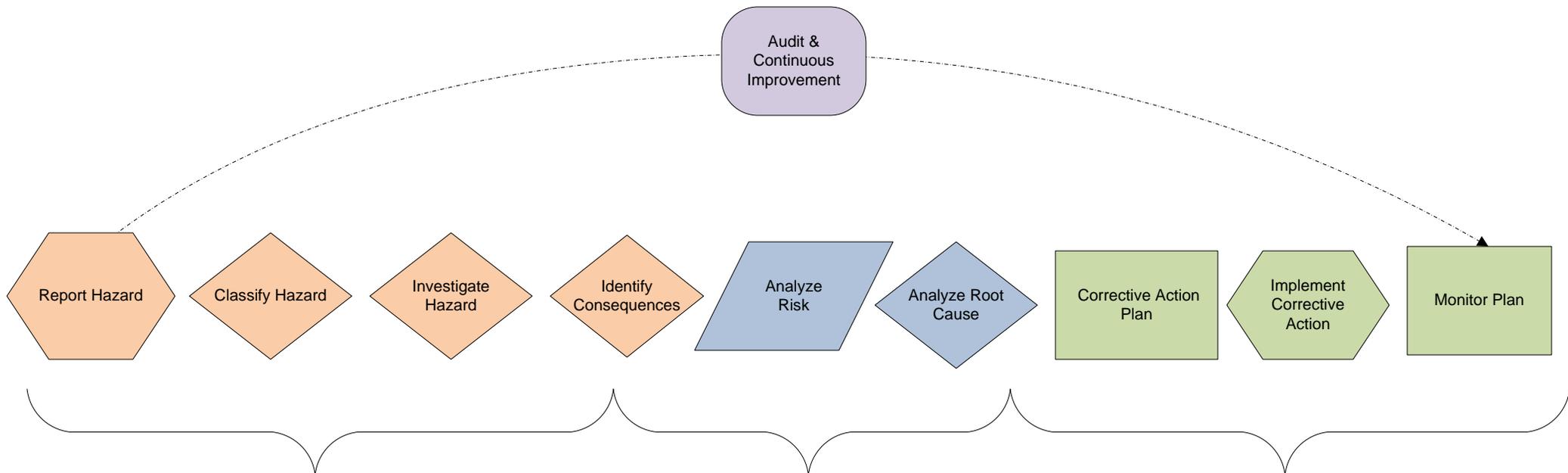


Airport SMS Safety Risk Management Process



**Task 1:
Hazard
Identification**

**Task 2:
Risk Assessment**

**Task 3:
Risk Management**

Report Hazard	HI 1 HI 2	Analysis	RA 1	Corrective Action	RM 1
Classify	HI 3	Root Cause	RA 2	Work Order	RM 2
Investigation	HI 4 HI 5 HI 6			Post Inspection	RM 3
Consequences	HI 7				

Task 1: Hazard Identification

Steps

Input

Potential Hazards

1.1 Report Hazard

1.2 Classify Hazards

1.3 Hazard Investigation

1.4 Identify Consequences

Output

Prioritized Hazards
Identified Risks

Risk Database

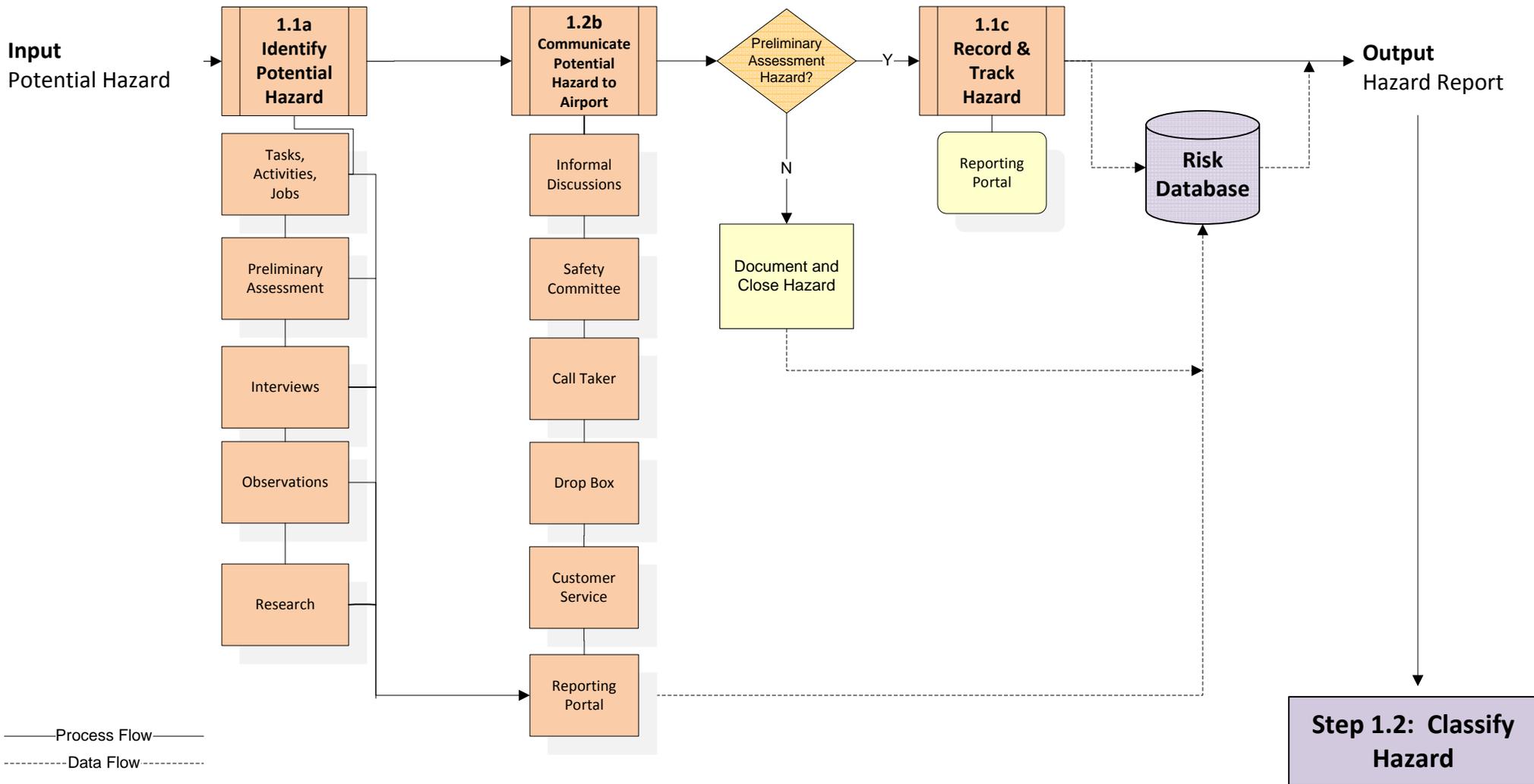
Process Flow

Data Flow

Task 2: Risk Assessment

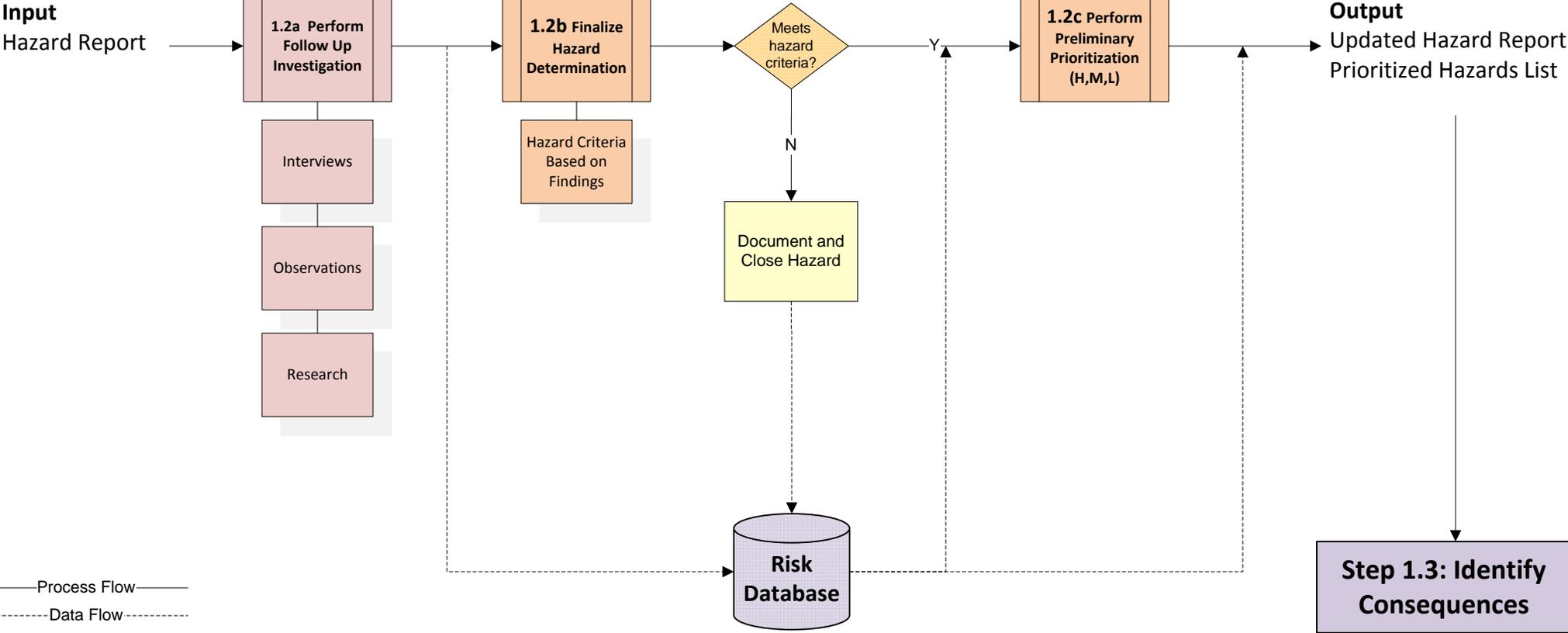
Step 1.1: Report Hazard

Actions



Step 1.2: Classify Hazards

Actions

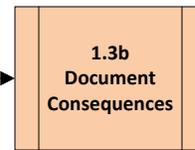


Step 1.3: Identify Consequences

Actions

Input

Updated Hazard Report
Prioritized Hazards List



Output

Consequences List

Transition to Risk Assessment

Step 2.1 Analyze Risk

Process Flow

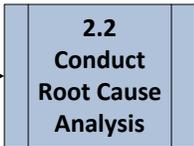
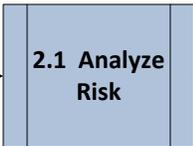
Data Flow

Task 2: Risk Assessment

Steps

Input

Prioritized Hazards
Consequences List



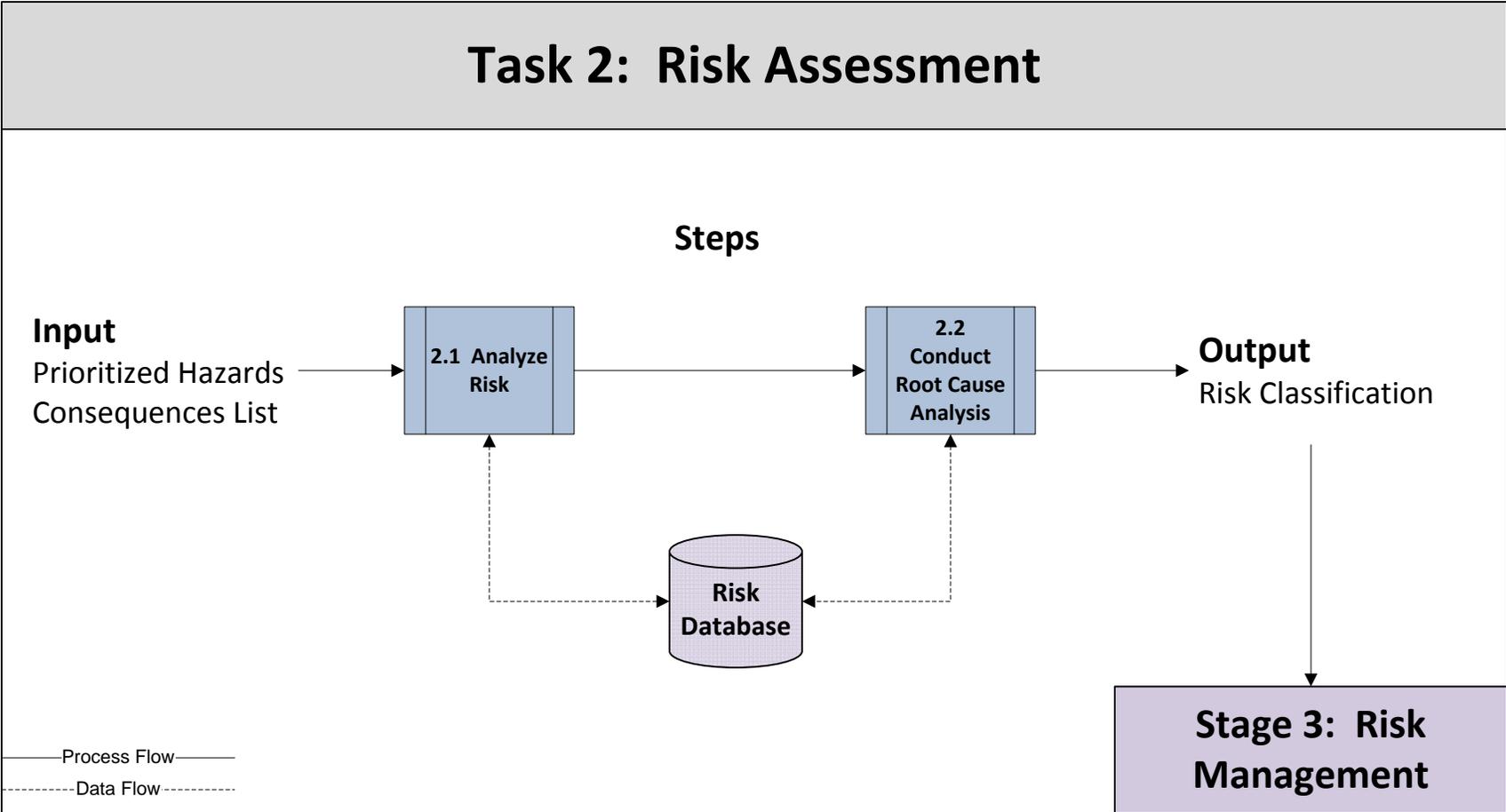
Output

Risk Classification



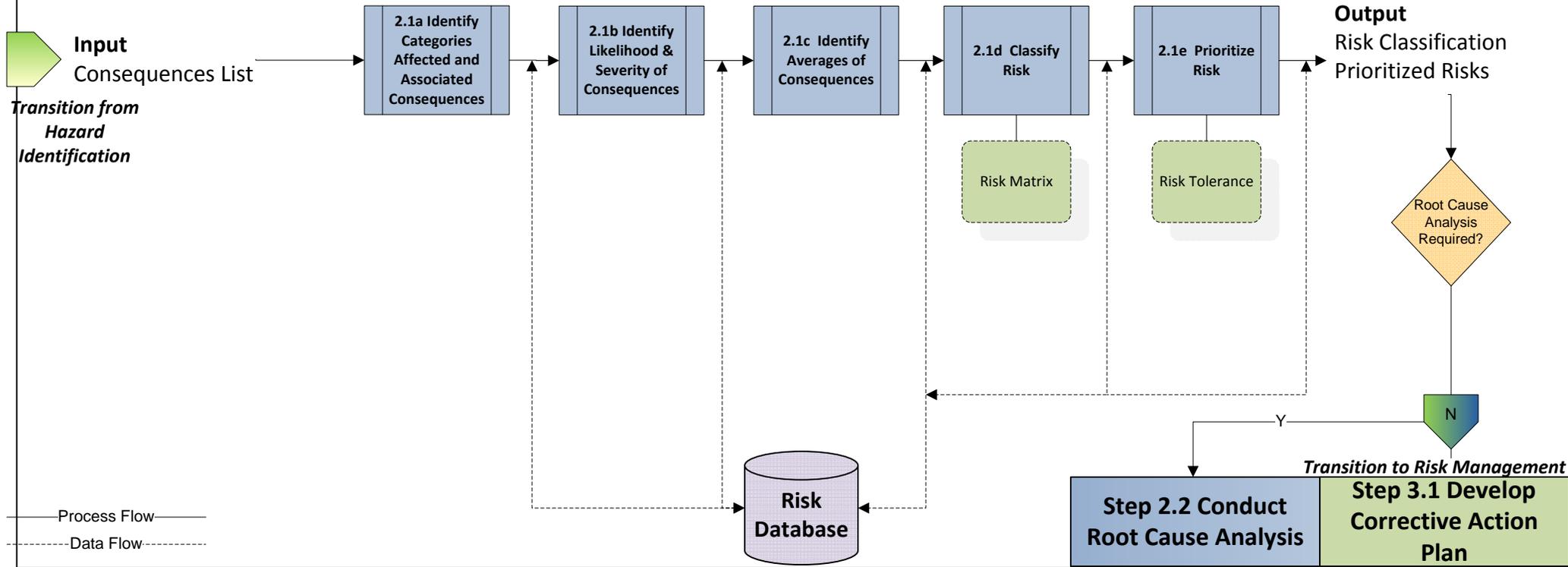
Process Flow

Data Flow

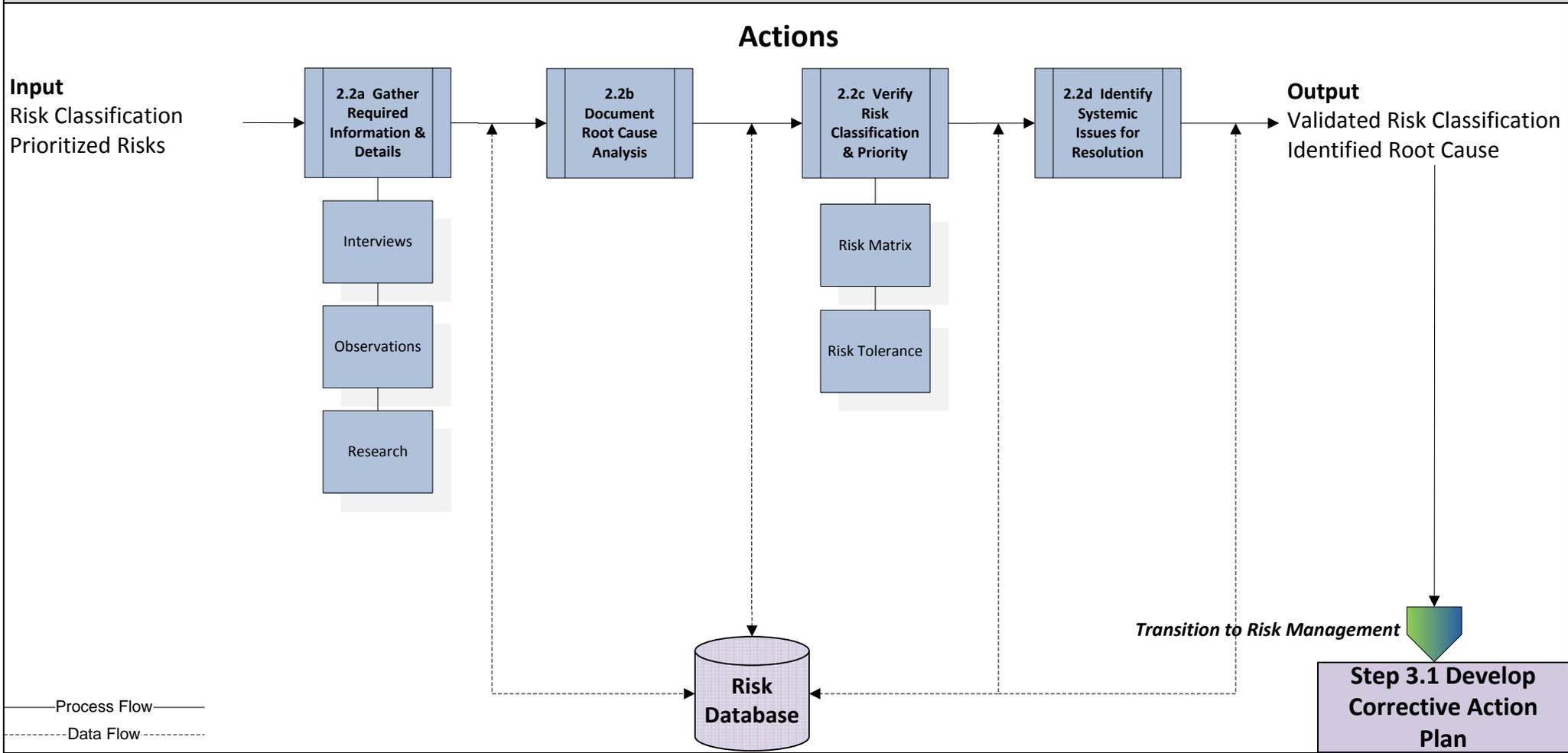


Step 2.1: Analyze Risk

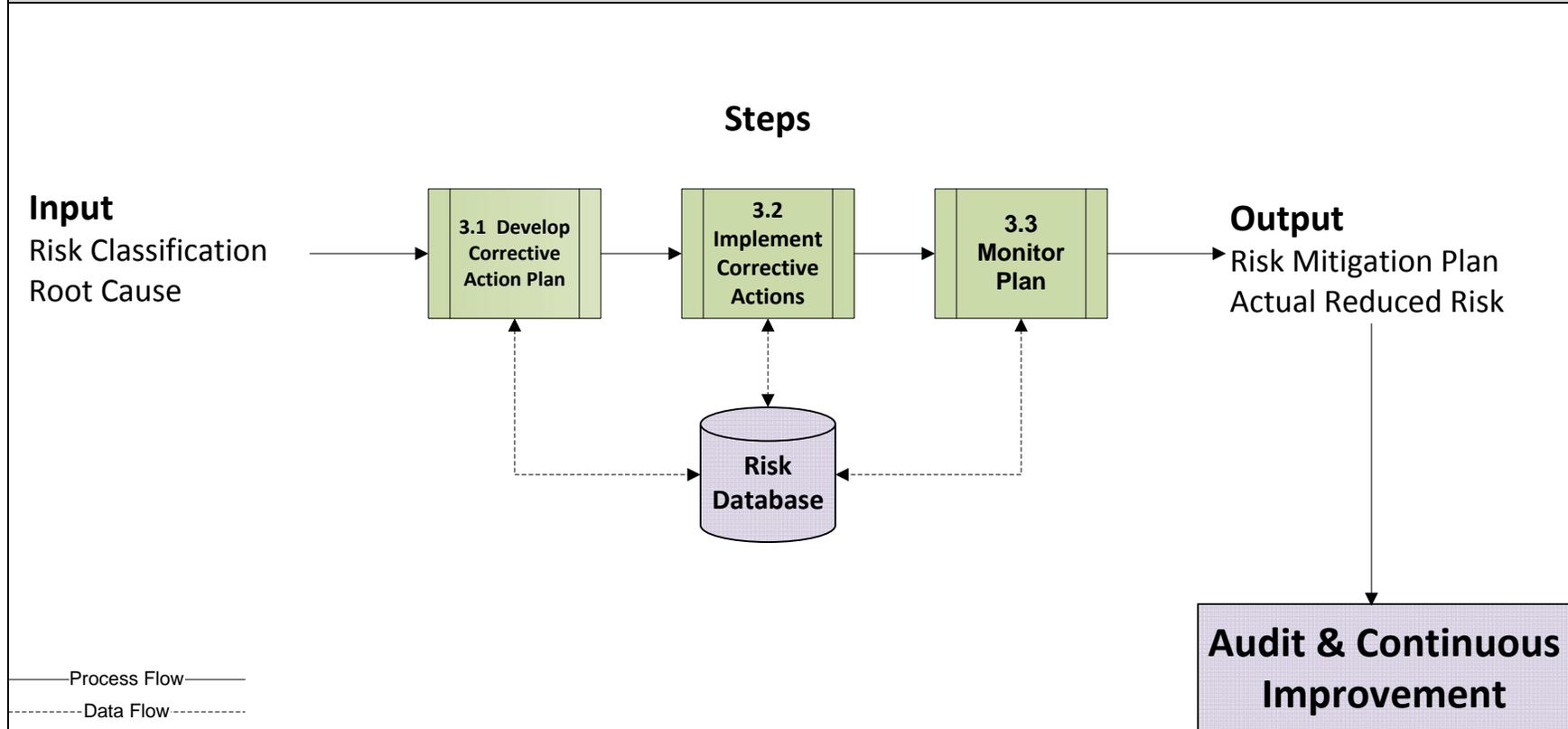
Actions



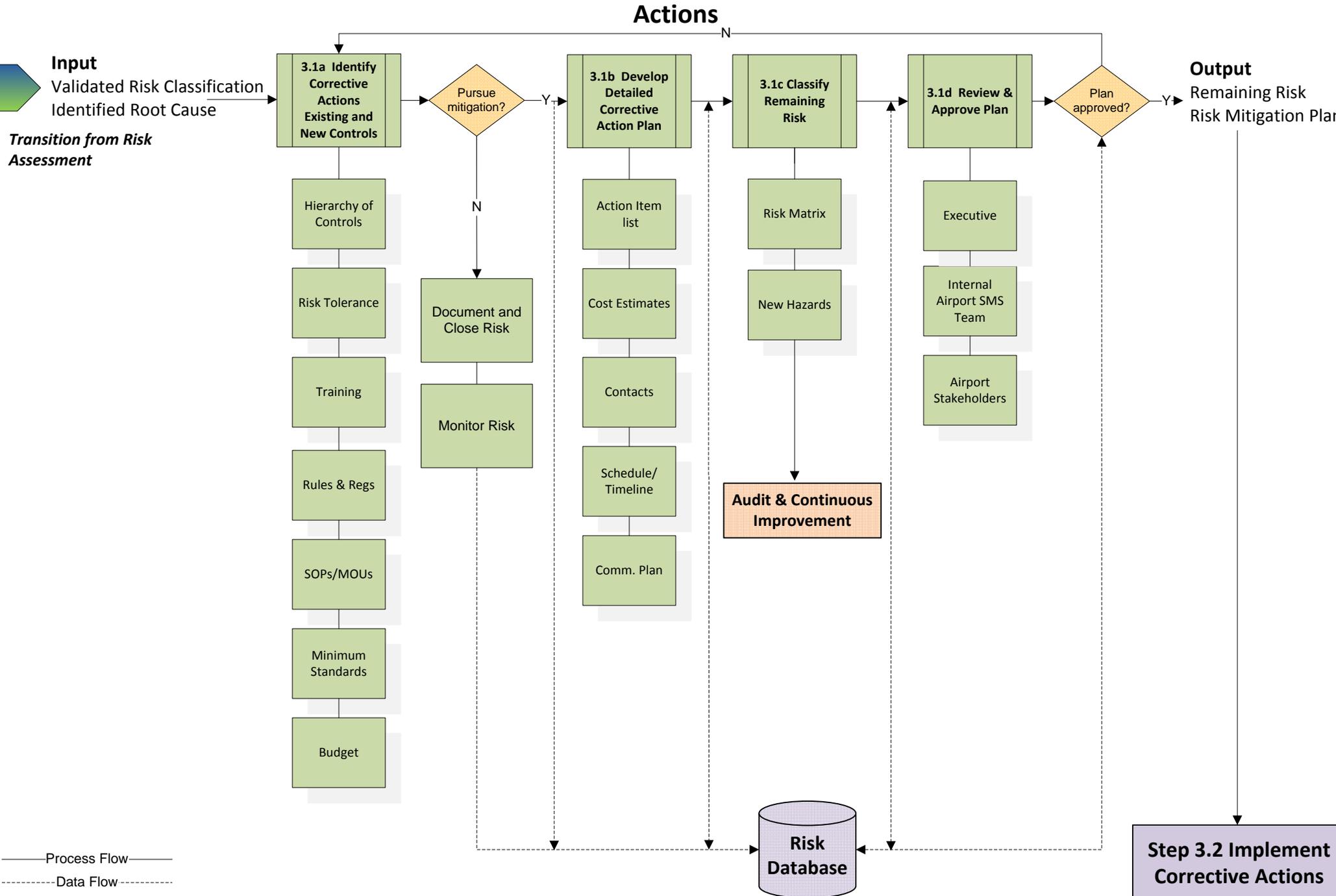
Step 2.2: Conduct Root Cause Analysis



Task 3: Risk Management



Step 3.1: Develop Corrective Action Plan



Step 3.2: Implement Corrective Actions

Actions

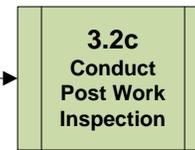
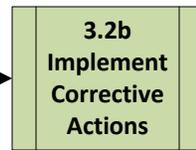
Input

Remaining Risk
Risk Mitigation Plan



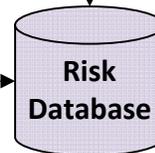
Work Orders

Special
Instructions



Output

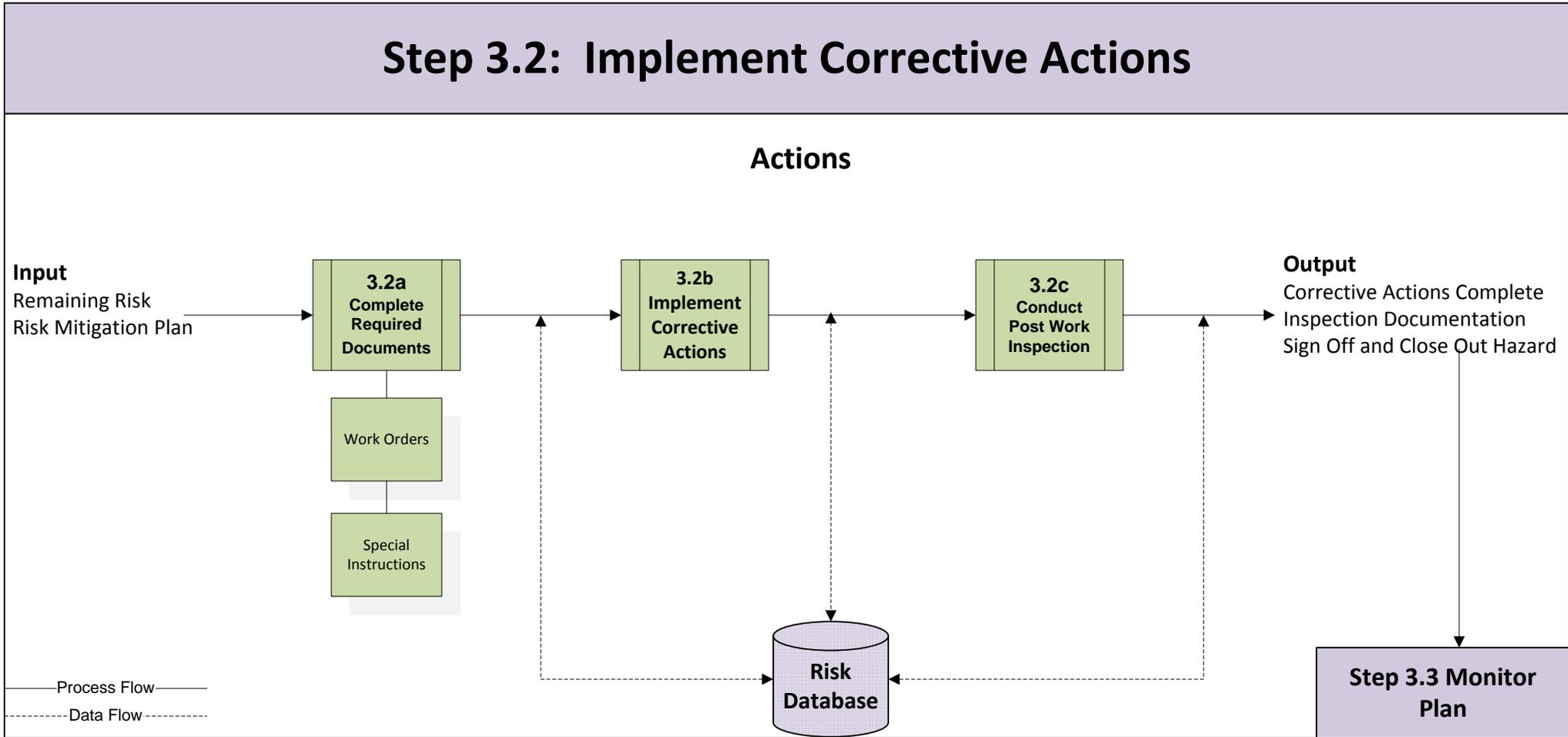
Corrective Actions Complete
Inspection Documentation
Sign Off and Close Out Hazard



Step 3.3 Monitor
Plan

Process Flow

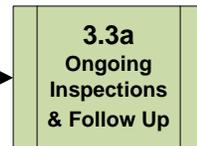
Data Flow



Step 3.3: Monitor Plan

Input

Corrective Actions Complete
Inspection Documentation



Interviews

Observations

Research

Actions



Risk Matrix

Output

Re-classified Remaining Risk



Audit & Continuous
Improvement

Process Flow

Data Flow