

Georgia Basin/Puget Sound International Airshed Strategy

U.S. EPA - Environment Canada Joint Statements:

- Jan. 2000 Statement of Cooperation on the Georgia Basin/Puget Sound Ecosystem
- Aug. 2002 Statement of Intent on a GB/PS International Airshed Strategy

11 Priority Issues

Management

5 Early Actions

- Clearinghouse
- Decision Tree (IRIS)
- New Source Review
- Shared Data (TRADE)
- Clean Vehicles & Fuels

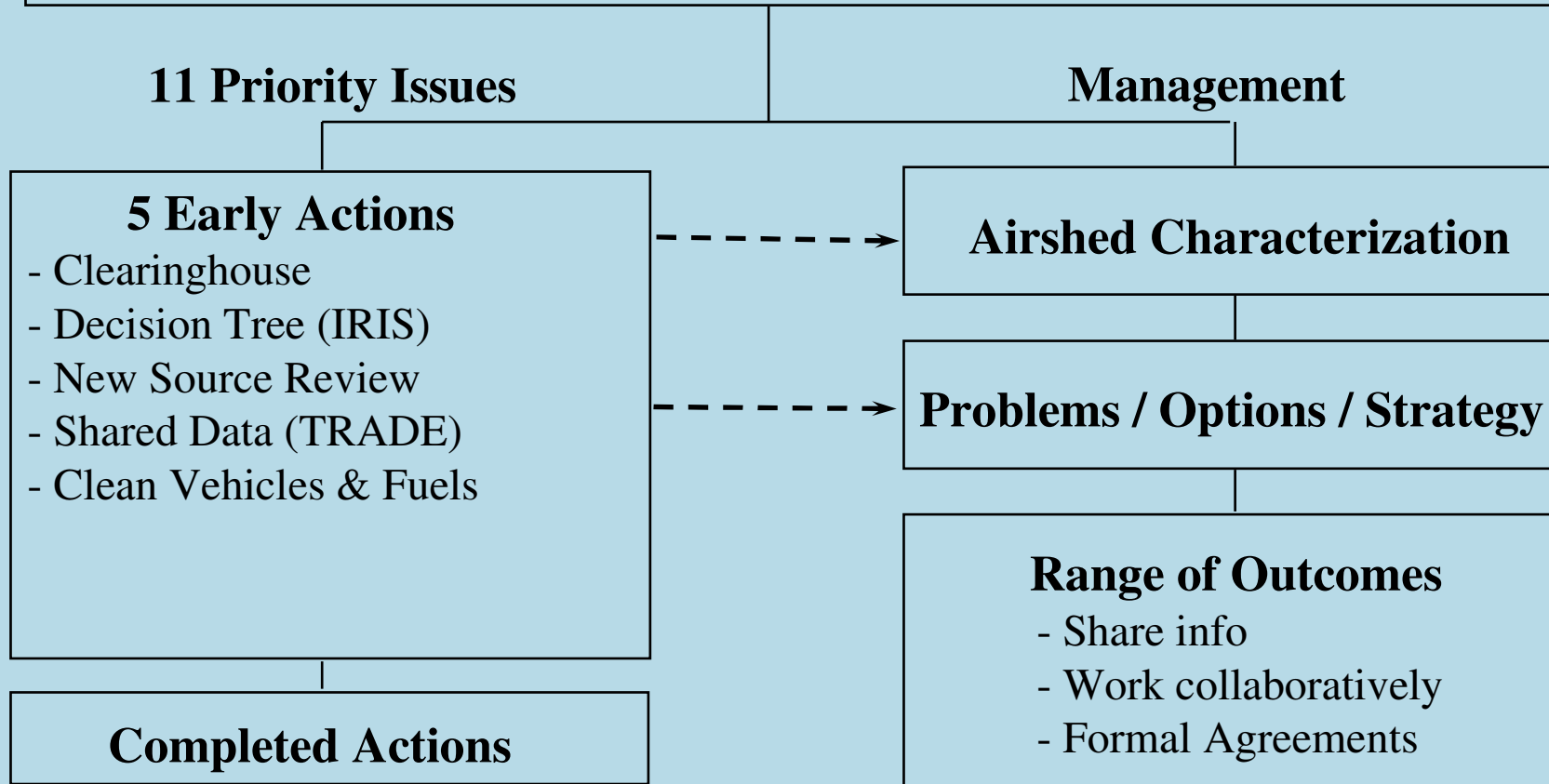
Airshed Characterization

Problems / Options / Strategy

Range of Outcomes

- Share info
- Work collaboratively
- Formal Agreements

Completed Actions



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Airshed Characterization

- Transboundary flow of contaminants
- Principle area of flow convergence
- Elevated PM_{2.5} due to residential wood burning

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Airshed Characterization

- Trends
 - Future increases in SO_x, NH₃, PM_{2.5}
 - Slight increases in NO_x
 - Decreases in CO, VOCs
- Significant factors
 - Population growth
 - Growing Marine activity
 - Agriculture

*Georgia Basin/Puget Sound
International Airshed Strategy
Clearinghouse*

<http://www.pyr.ed.gc.ca/airshed/>

Georgia Basin/Puget Sound International Airshed Strategy Decision Tree (IRIS)

- Several recommended actions
 - Dependency on private autos
 - Fossil fuels for electrical power generation
 - Mobile diesel emissions in confined area
 - Wood smoke in unincorporated areas
 - Slash burning
 - Visibility

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New Source Review

- GAP 1. Differing project size thresholds for notification
- GAP 2. Inconsistent First Nations/Tribal notification and involvement
- GAP 3. Lack of understanding of Canadian new source review processes
- GAP 4. Lack of involvement of energy project evaluation agencies in current interagency agreements

Georgia Basin/Puget Sound International Airshed Strategy Shared Data (TRADE)

- Creates the interface between US and Canadian data bases that allows all to use each others data.
- In progress

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Clean Vehicles & Fuels

- Early introduction of low sulfur diesel
- HDV on-road emission testing
- Ship emissions in/near ports

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Northwest Collaborative Air Priorities Project (NW CAPP)

- Priorities nearly identical to GB/PS IAS agencies

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Management Initiatives

- Border Air Quality Strategy
- Canada-US Air Quality Agreement
- Transboundary AQ Management Models

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IAS Structure

- Address high priority issues
- Three Sections
 - Strategy Document
 - Background Paper
 - Implementation Plan
- Development team to complete in May