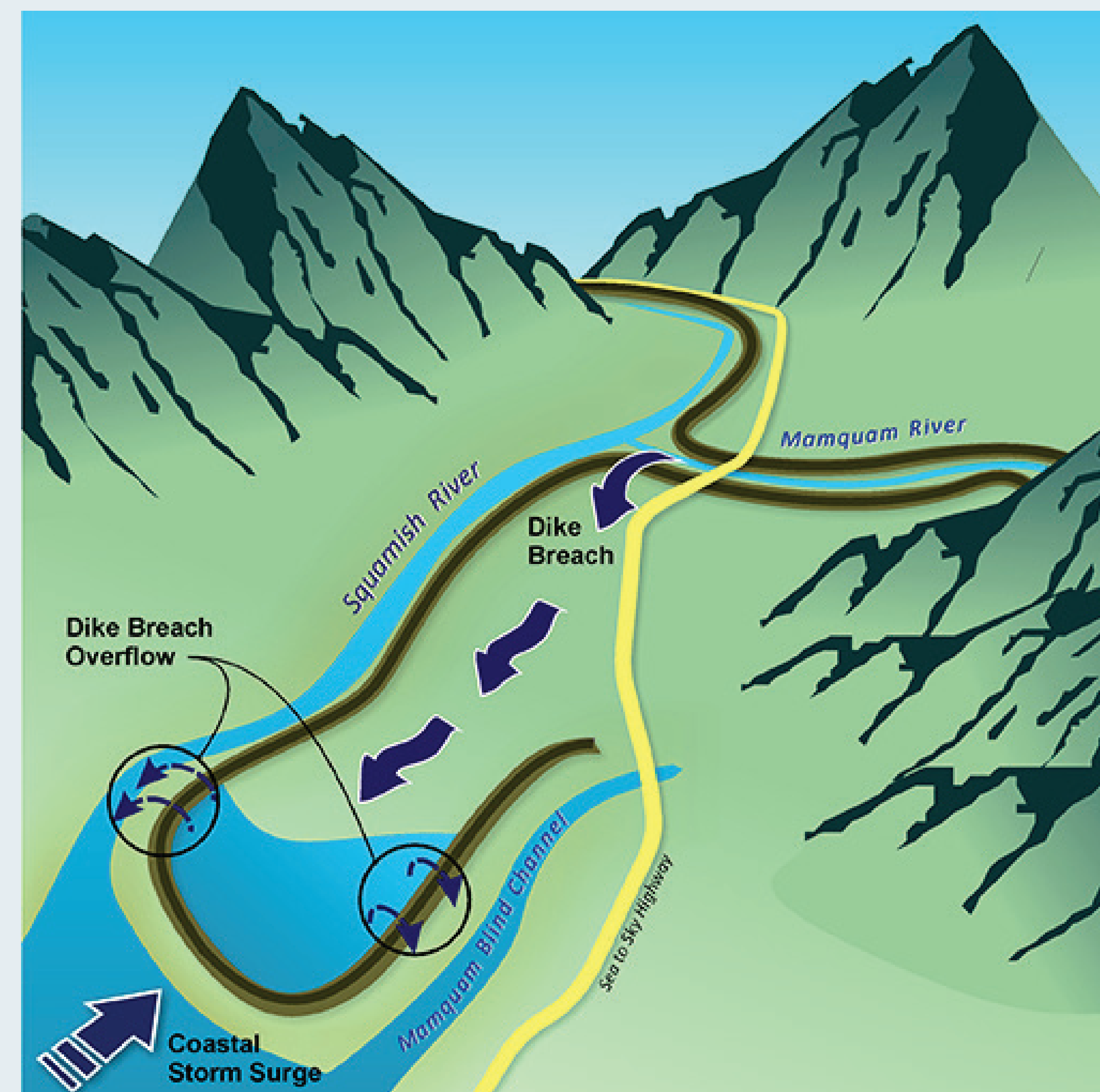


In 1994, the District of Squamish completed its first Flood Hazard Management Plan (FHMP) to manage and mitigate the flood risk for the District.

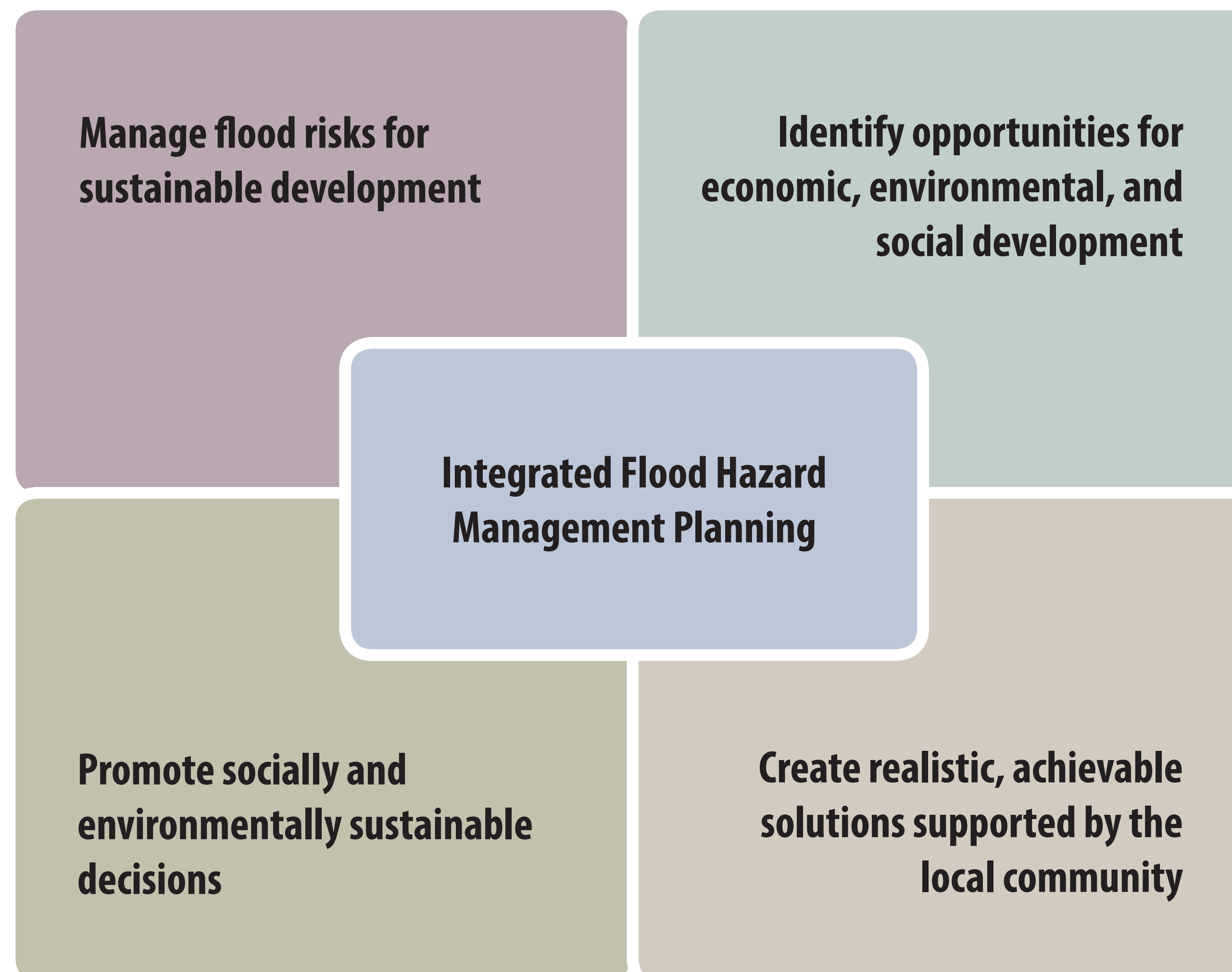
A generation after its adoption, the FHMP now needs to be revisited and updated. The update process will take into account:

- Growing population
- Legislative and regulatory changes
- New professional standards
- Provincial guidance
- Flood hazard assessment best practices
- Climate change



## WHAT IS AN INTEGRATED FLOOD HAZARD MANAGEMENT PLAN?

- The 1994 Flood Hazard Management Plan for Squamish is being updated.
- The new plan will be called the Integrated Flood Hazard Management Plan (IFHMP).
- The IFHMP will guide development and land use in Squamish for years to come. The IFHMP process provides an opportunity for Squamish to maintain its commitment to livability and sustainability by incorporating the latest flood management guidelines, new engineering modeling tools and techniques, and best planning practices.
- An effective IFHMP will depend on community engagement and public support.
- A financially-responsible budget, reflecting the size of the community, will further support the implementation of the IFHMP.



## WHAT MAKES UP AN IFHMP?

### Phase 1: Flood Mitigation Background Analysis **COMPLETE!**

This first phase summarized the existing information surrounding Squamish's:

- Hydrology
- Geohazards
- Anticipated climate change
- Future coastal water levels
- Extent and condition of existing flood protection
- Existing policy tools that manage flood hazards

### Phase 2: Coastal Flood Hazard Mitigation Options **COMPLETE!**

Several coastal flood defence options have been developed and were presented at the first Open House to get input on the options, risks, consequences, and potential mitigation measures.

### IN PROGRESS

### Phase 3: River Floodplain Modelling and Risk Analysis

Technical risk assessments have been conducted on the Squamish, Mamquam, Cheakamus, and Stawamus Rivers. Mitigation strategies have been developed to reduce flood risk. Results are presented tonight!

### Phase 4: Integrated Flood Hazard Management Plan

The final phase of the IFHMP involves the preparation of the Integrated Flood Hazard Management Plan, which will recommend both technical and policy solutions. The Draft IFHMP will be presented at the third Open House in Spring 2016 and to Council in the Summer of 2016.