

Integrated Stormwater Management Plan Update



Council Workshop

May 23, 2017

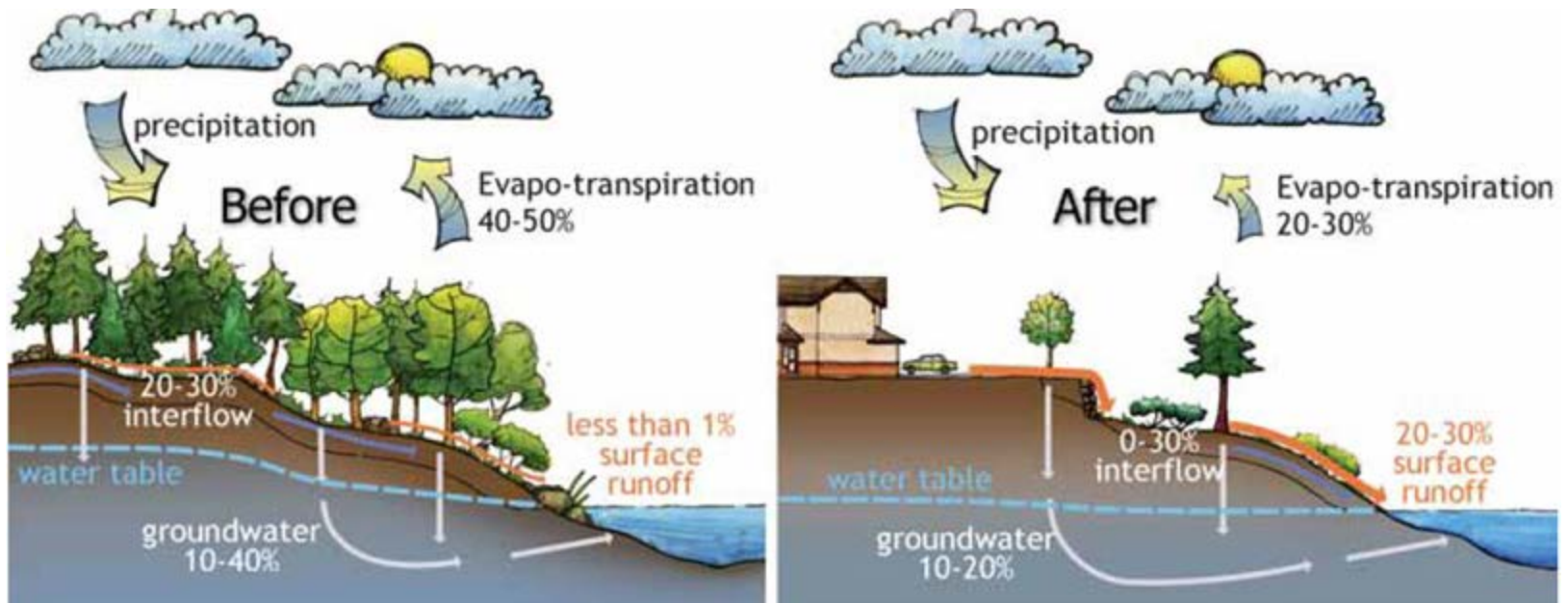


NORTH VANCOUVER
DISTRICT

Outline

- Introduce the ISMP
- ISMP framework
- ISMP objectives
- Next steps

Land Use

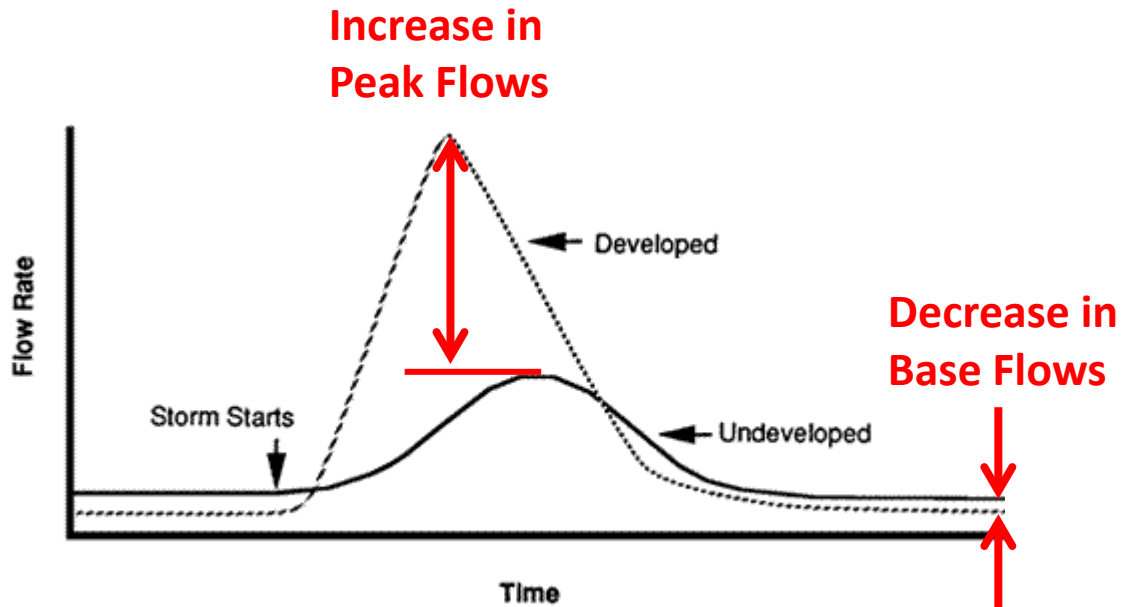


Issues:

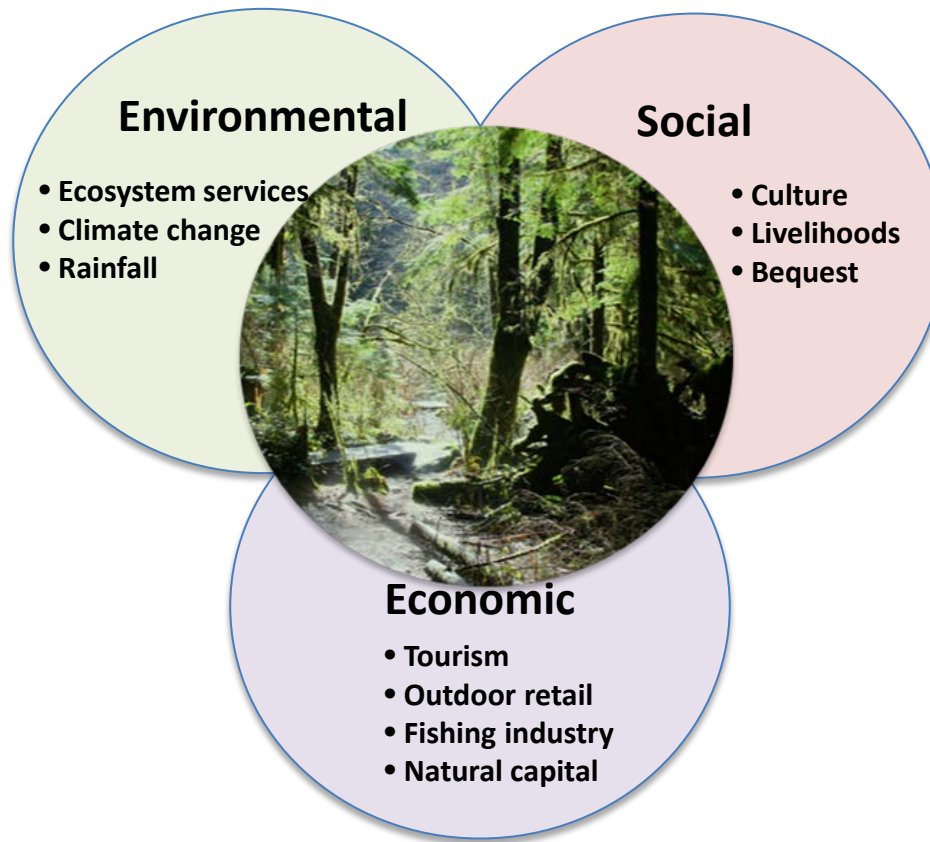
Runoff

1. Quantity
2. Quality

Land Use

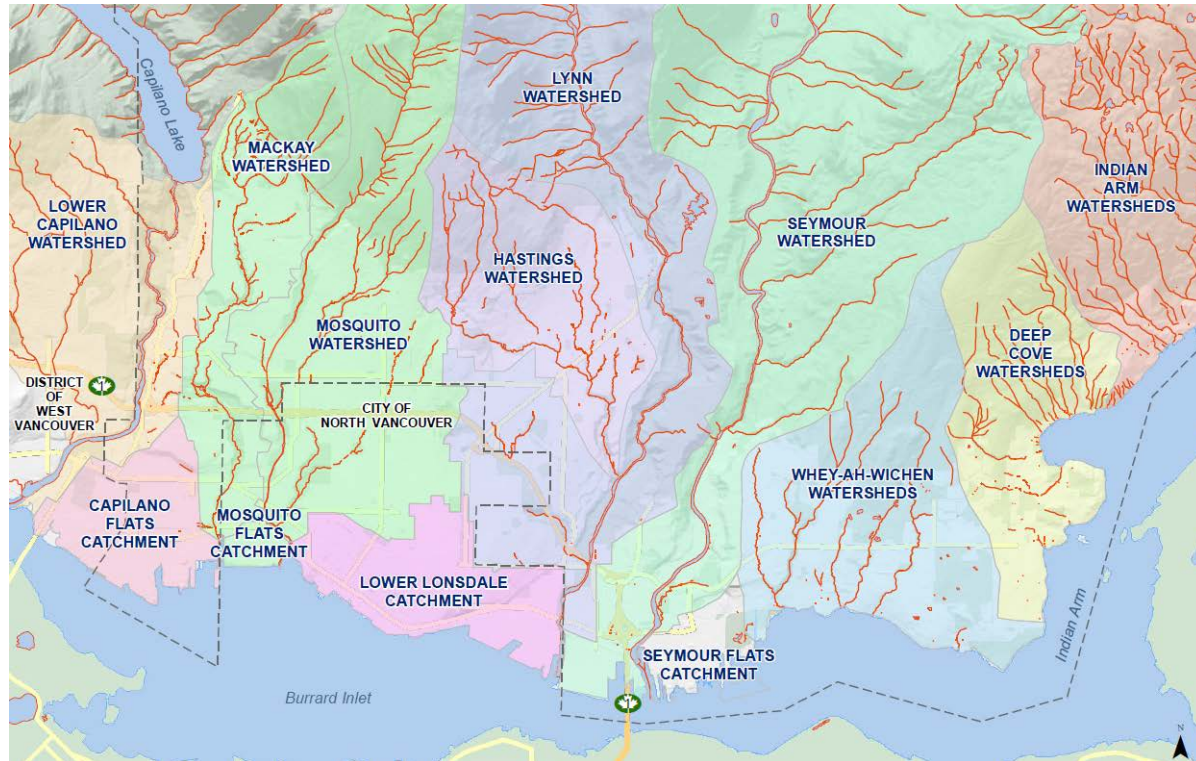


What is an ISMP?

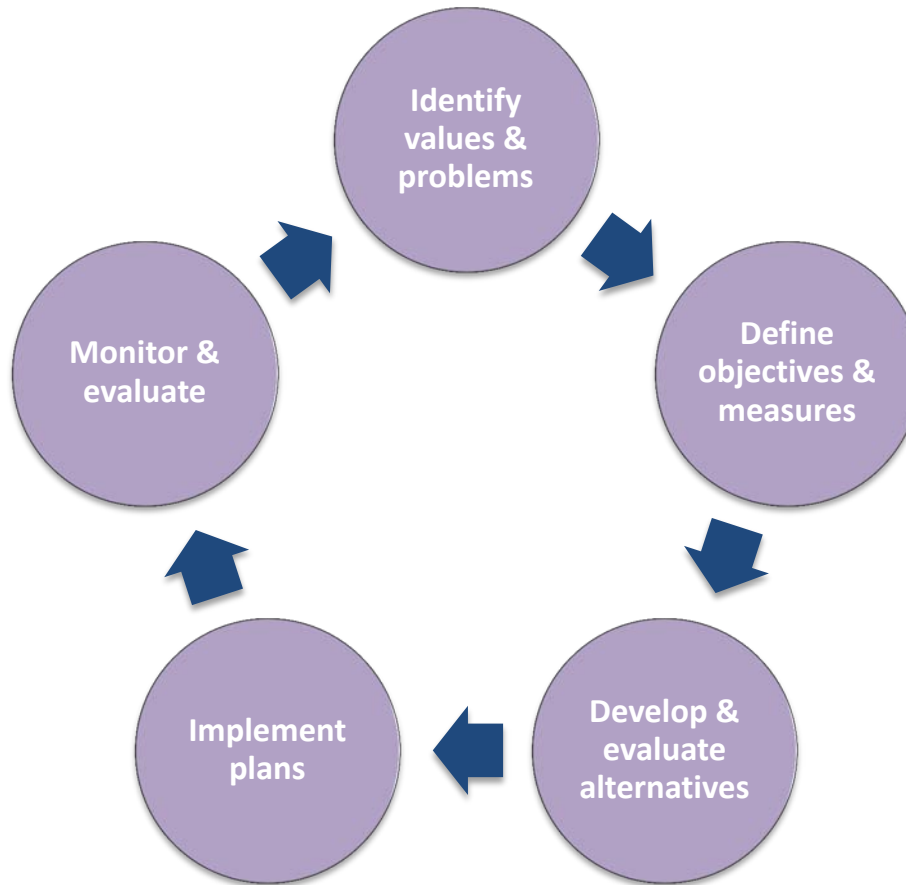


Why are we doing it?

- Meet **OCP Vision and Policies** (Section 9.3)
- Required by MOE through the *Regional Integrated Liquid Waste and Resource Management Plan*
- Valuing the natural environment

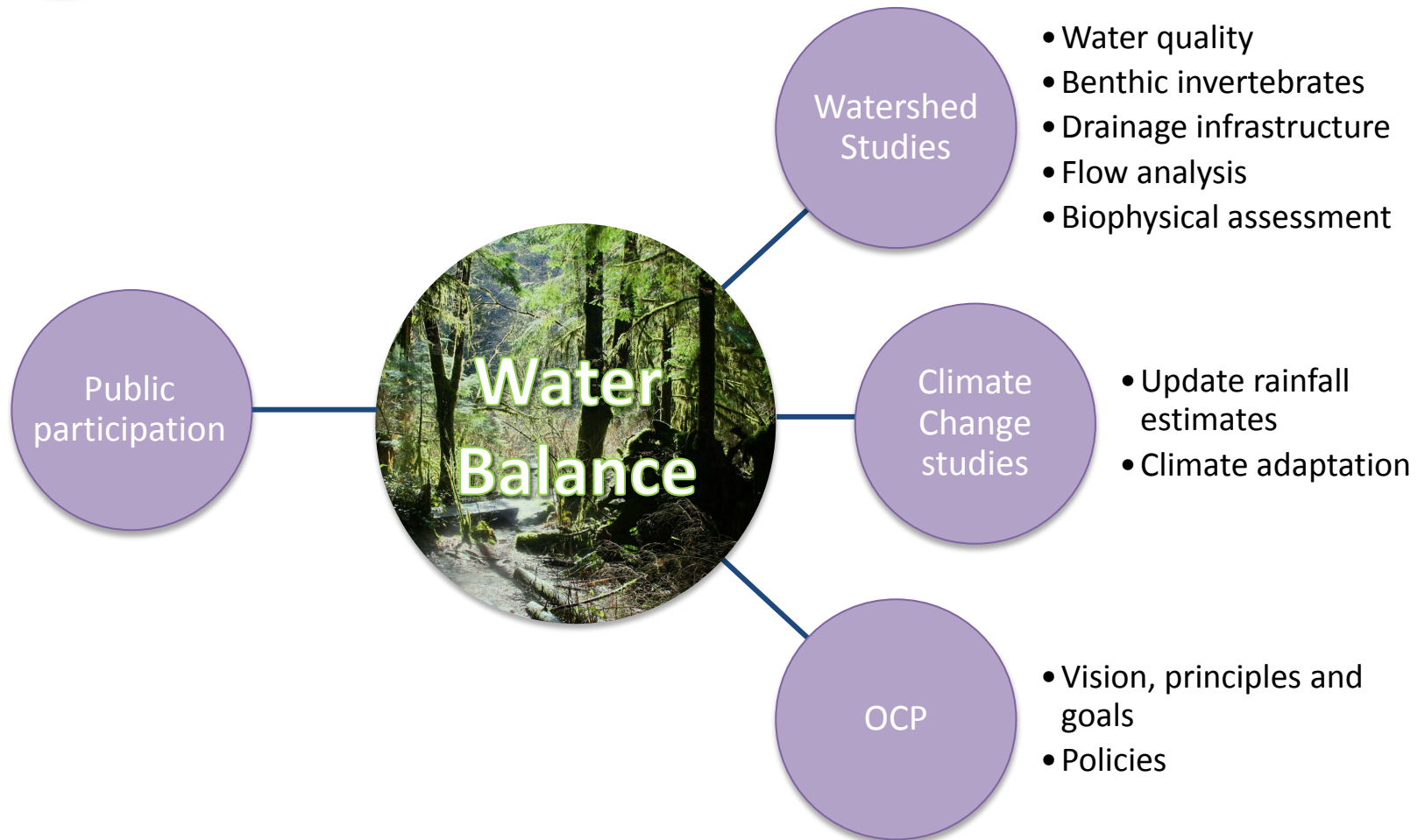


ISMP Framework



Identify
values &
problems

Values and Problems



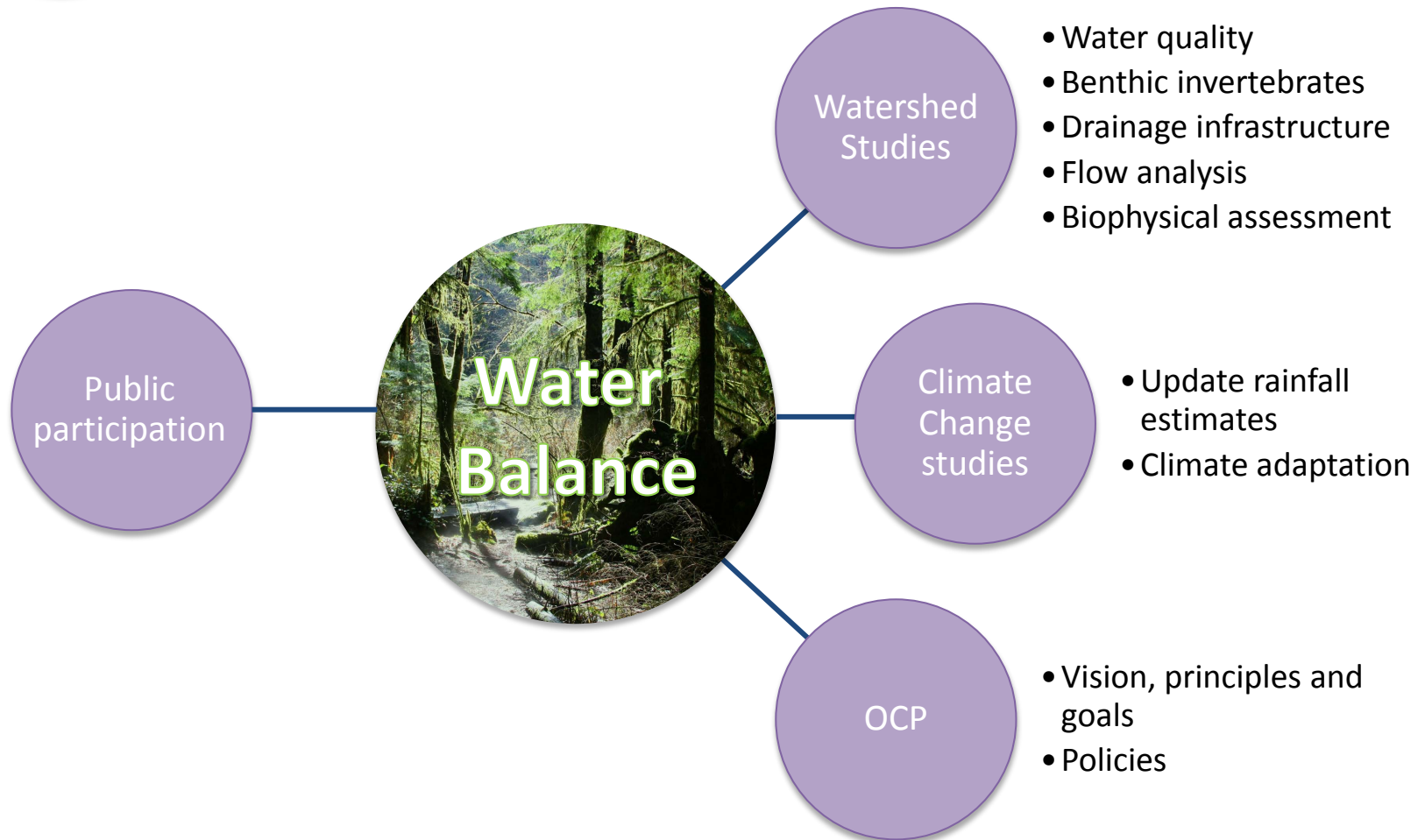
Identify
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Values and Problems

Parameter	Mackay	Hasting	Seymour	Deep Cove
Dissolved oxygen (mg/L)	10.5	7.97	7.74	7.74
pH	7.2	7.0	7.0	7.0
Temperature (dC)	12.1	14.6	11.6	12.3
Turbidity (NTU)	3	20.91	2.05	2.23
Nitrate (mg/L)	0.52	0.733	0.61	0.565
Conductivity (uS/cm)	138	132	186	126
E. coli bacteria (MPN/100)	194	124	969	550
Fecal coliforms (MPN/100)	211	124	969	550
Total cadmium (ug/L)	0.019	0.229	0.088	0.008
Total copper (Cu) (ug/L)	1.2	15.11	10.24	1.88
Total iron (Fe) (ug/L)	348	2821	583	385
Total lead (Pb) (ug/L)	0.5	17.6	1.911	0.179
Total zinc (Zn) (ug/L)	5.1	48.3	44.0	4.9
Aluminium (ug/L)	N/A	820	998	184.1
Beryllium (ug/L)	N/A	<0.1	<1.4	<0.1
Benthic indicators	Very Poor	Poor	N/A	Very poor

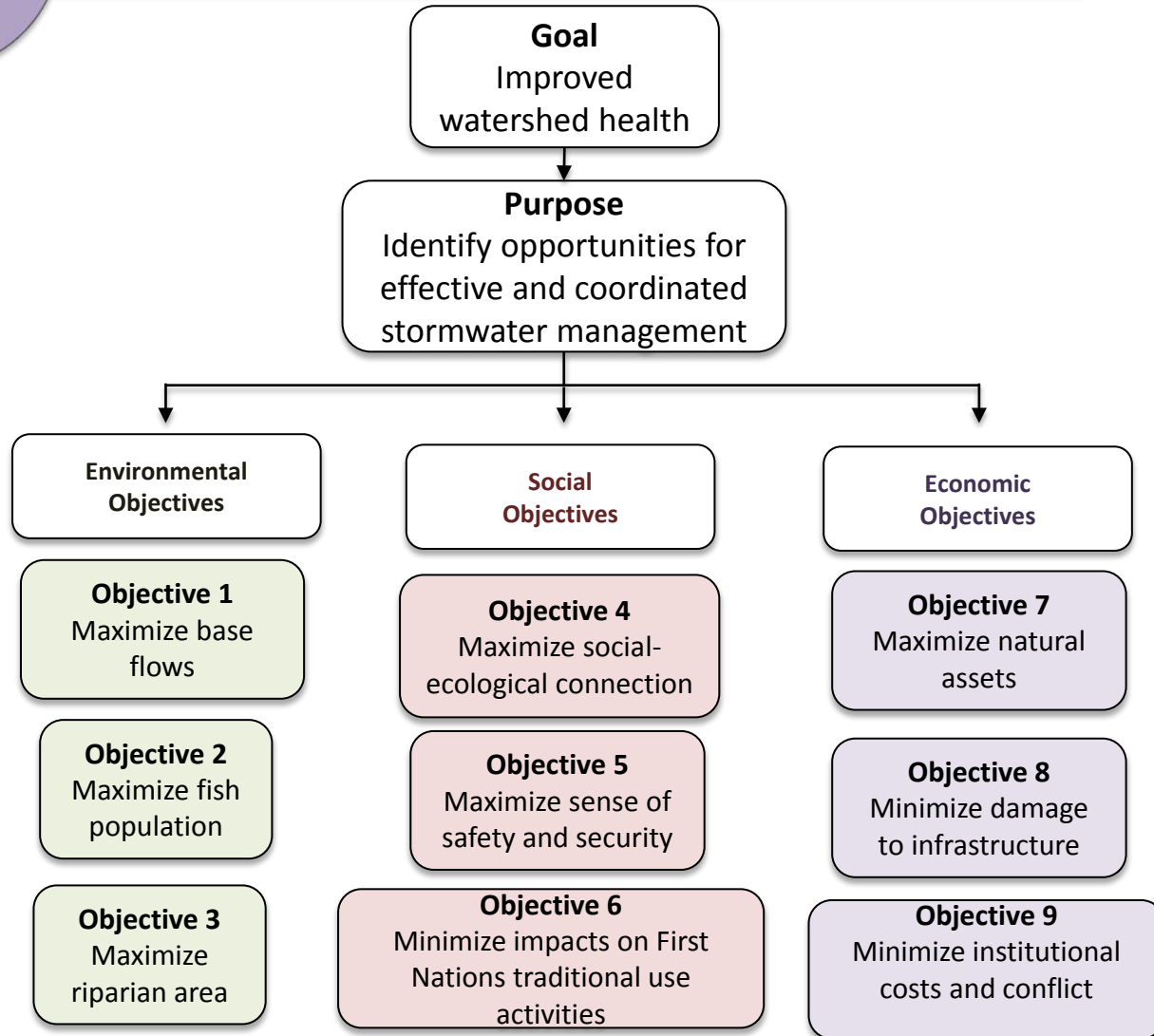
Identify
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Values and Problems



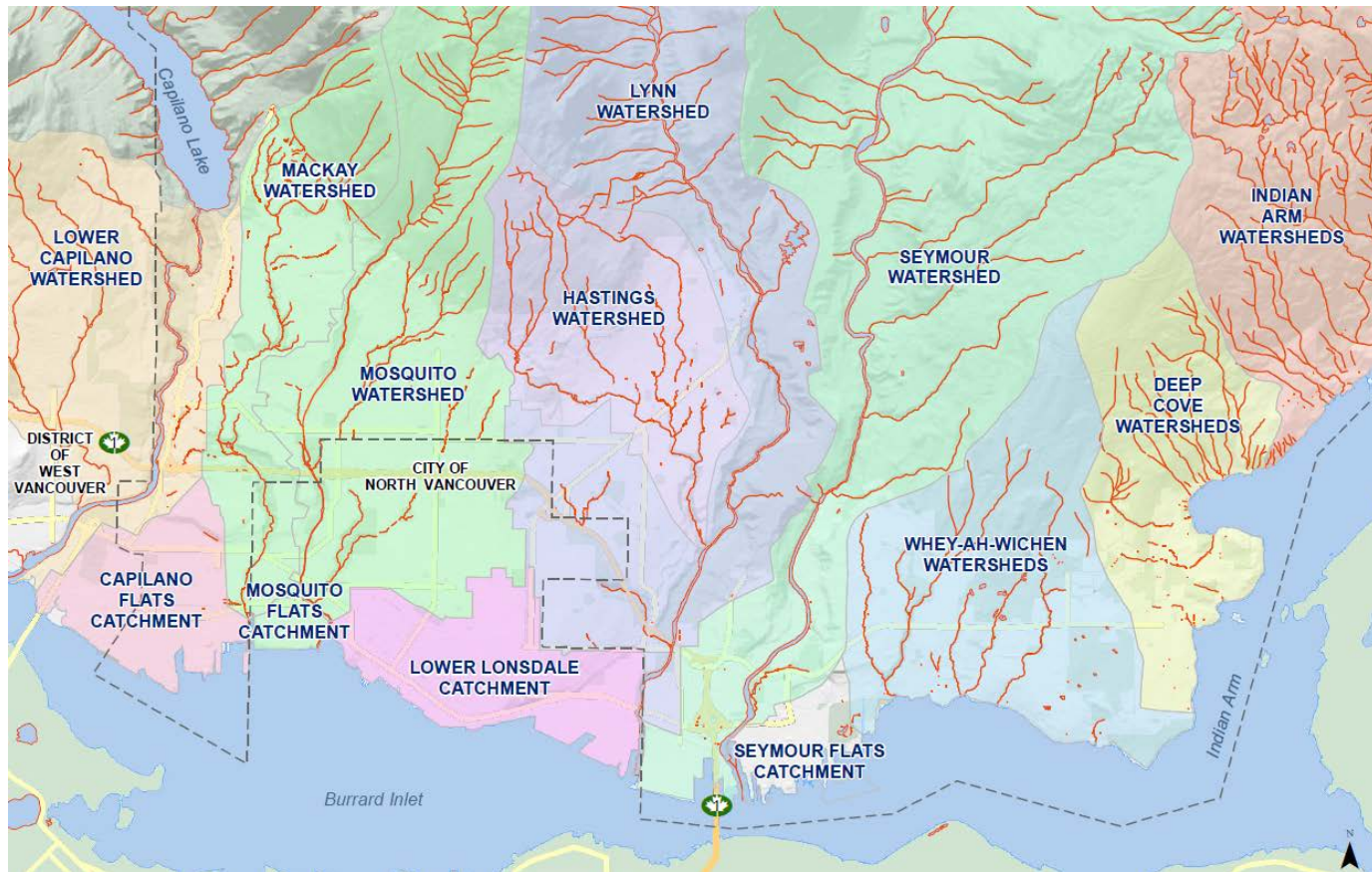
Define
objectives &
measures

ISMP Objectives



How do we get there?

1. Adopt ISMP objectives
2. Watershed Implementation Plans



Next Steps

