



# Collaborative Rural Community Energy Planning: The Health Benefits of Walking the Talk

**Patricia Dehnel** MCIP RPP,  
Senior Energy Specialist / Community Relations Manager  
Community Energy Association

**Anita Ely** BSc BTech CPHI(C),  
Specialist Environmental Health Officer  
Healthy Communities, Interior Health

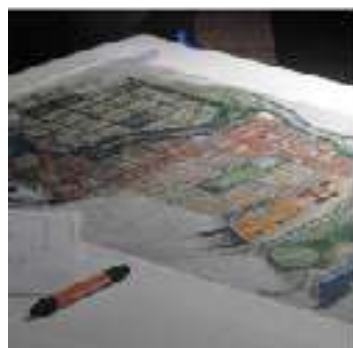
November 6, 2018

# Nelson BC



# Community Energy Association (CEA)

The trusted independent advisor to local governments on climate and energy.



Waste Management  
Renewable Energy  
Transportation  
Buildings  
Land Use

CEA are regional advisors for FCM-ICLEI Partners for Climate Protection Program (PCP).

Connecting communities, energy and sustainability.

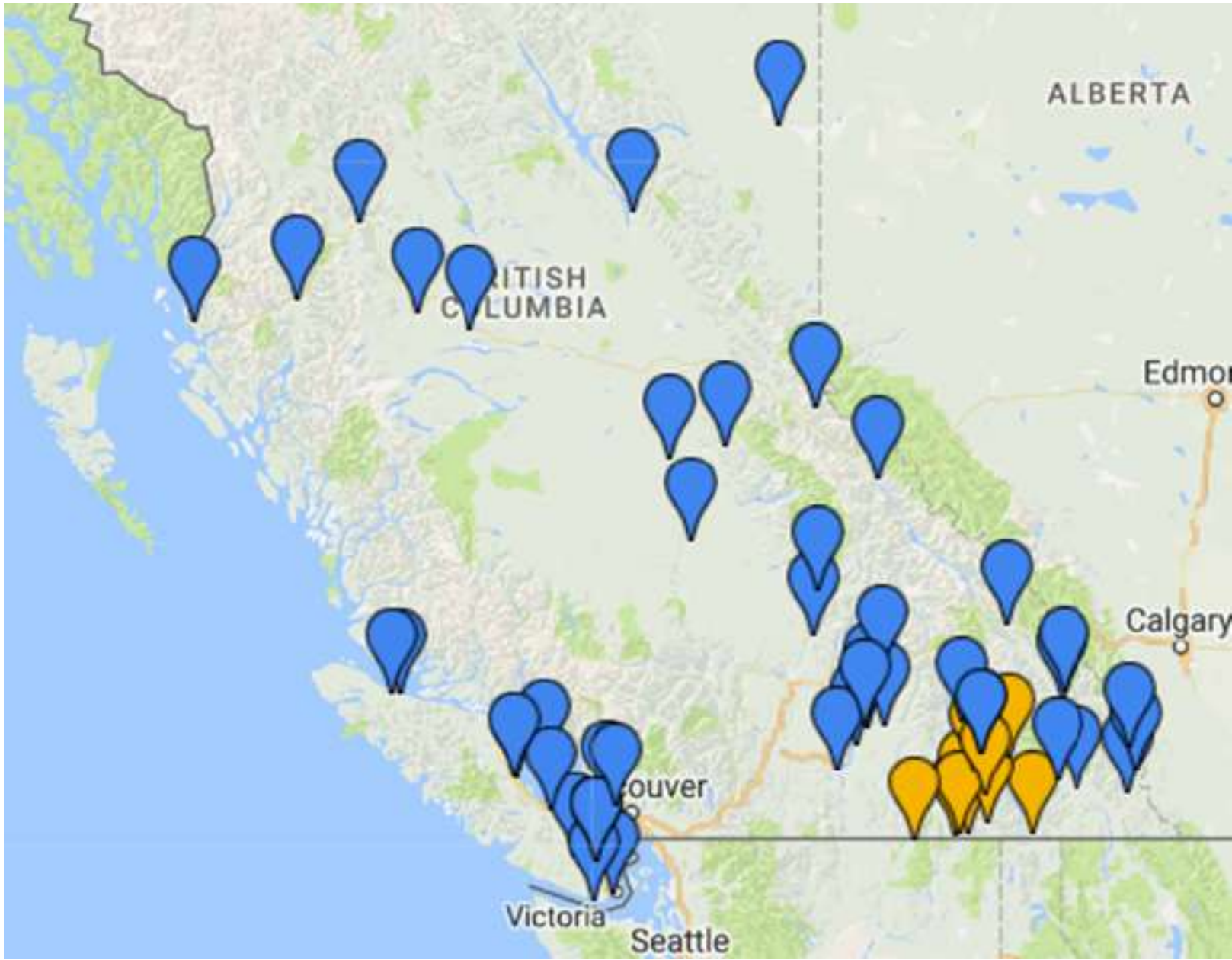
Implementation  
Engagement  
Education  
Research  
Planning



The first step for local governments wanting to close the implementation gap & take climate action.



# CEA CEEPs/SCEEPs (2017)



# HOW TO BUILD COMMUNITY

TURN OFF YOUR TV  
LEAVE YOUR HOUSE  
KNOW YOUR NEIGHBORS • GREET PEOPLE  
LOOK UP WHEN YOU'RE WALKING  
SIT ON YOUR STOOP ✂ PLANT FLOWERS  
USE YOUR LIBRARY ✂ PLAY TOGETHER  
BUY FROM LOCAL MERCHANTS  
SHARE WHAT YOU HAVE ★ HELP A LOST DOG  
TAKE CHILDREN TO THE PARK ★ HONOR ELDERS  
SUPPORT NEIGHBORHOOD SCHOOLS  
FIX IT EVEN IF YOU DIDN'T BREAK IT  
HAVE POT LUCKS ↗ GARDEN TOGETHER  
PICK UP LITTER • READ STORIES ALOUD  
DANCE IN THE STREET  
TALK TO THE MAIL CARRIER  
LISTEN TO THE BIRDS ♥ PUT UP A SWING  
HELP CARRY SOMETHING HEAVY  
BARTER FOR YOUR GOODS  
START A TRADITION 🍌 ASK A QUESTION  
HIRE YOUNG PEOPLE FOR ODD JOBS  
ORGANIZE A BLOCK PARTY  
BAKE EXTRA AND SHARE  
ASK FOR HELP WHEN YOU NEED IT  
OPEN YOUR SHADES 🍓 SING TOGETHER  
SHARE YOUR SKILLS  
TAKE BACK THE NIGHT  
TURN UP THE MUSIC • TURN DOWN THE MUSIC  
LISTEN BEFORE YOU REACT TO ANGER  
MEDIATE A CONFLICT 🍃 SEEK TO UNDERSTAND  
LEARN FROM NEW AND UNCOMFORTABLE ANGLES  
KNOW THAT NO ONE IS SILENT THOUGH  
MANY ARE NOT HEARD  
WORK TO CHANGE THIS

# Partnerships



Local Government  
Regional District  
Interior Health  
First Nations  
Utilities  
School Districts  
Ministry of  
Transportation  
BC Transit  
Chambers of  
Commerce  
Large Employers  
Community Groups



Regional District of Central Kootenay | SCEEP



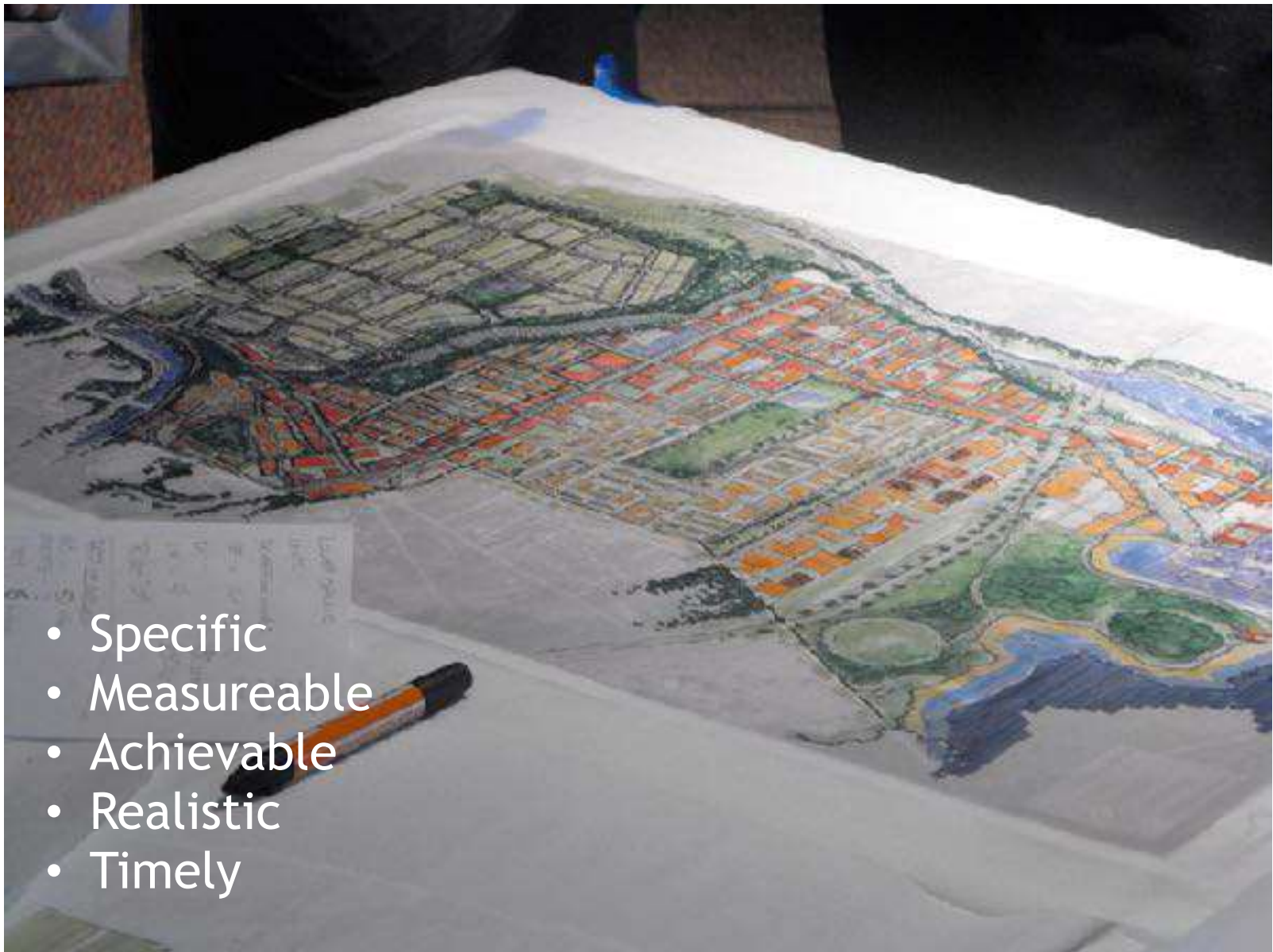
## Regional District of Central Kootenay Strategic Community Energy & Emissions Plan

Workshop: February 19 and 23, 2016

RDCK Board Adoption in Principle, September 15, 2016



# SMART Plan



- Specific
- Measureable
- Achievable
- Realistic
- Timely





Most BC local governments are signatories to the Climate Action Charter

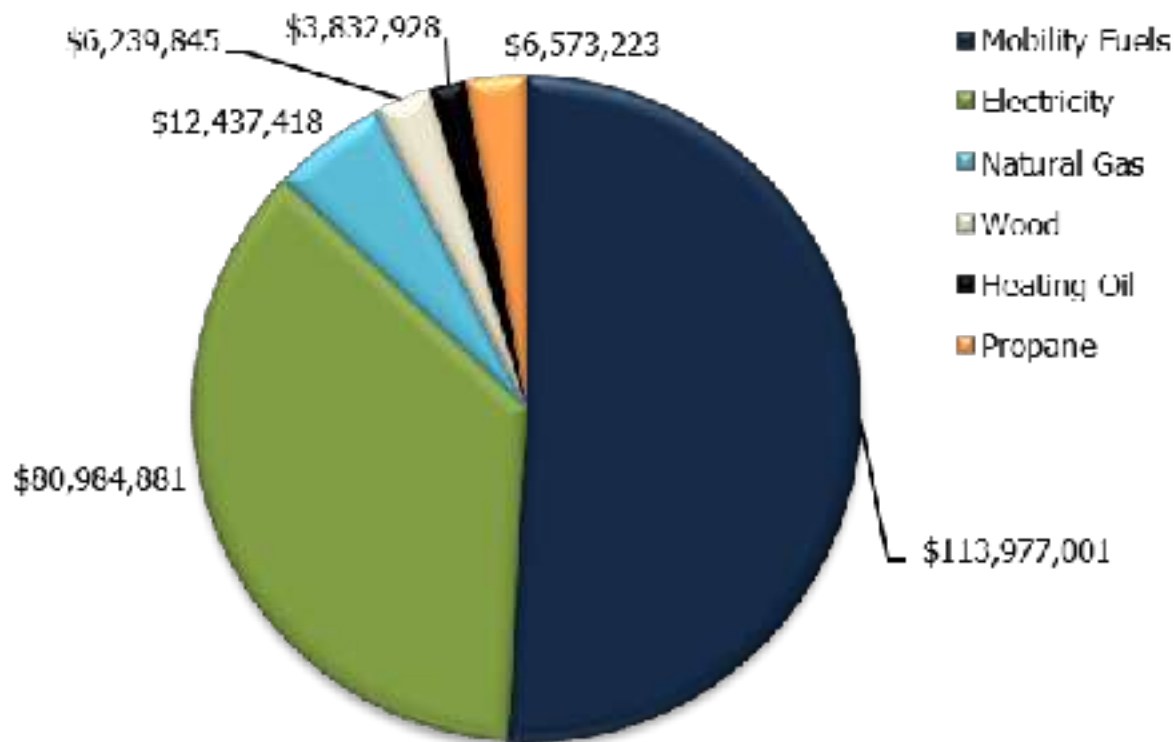
Climate commitments for:

- *Corporate emissions*
- *Community emissions*
- *Complete communities*



# RDCK Energy Costs, 2016

## Community Energy Cost, 2016



★ \$224 million per year spent in RDCK  
\$3,764 per capita per year



Local Governments implement policy\* to reduce emissions through **3** key impact areas:

**Buildings**



**Transportation**



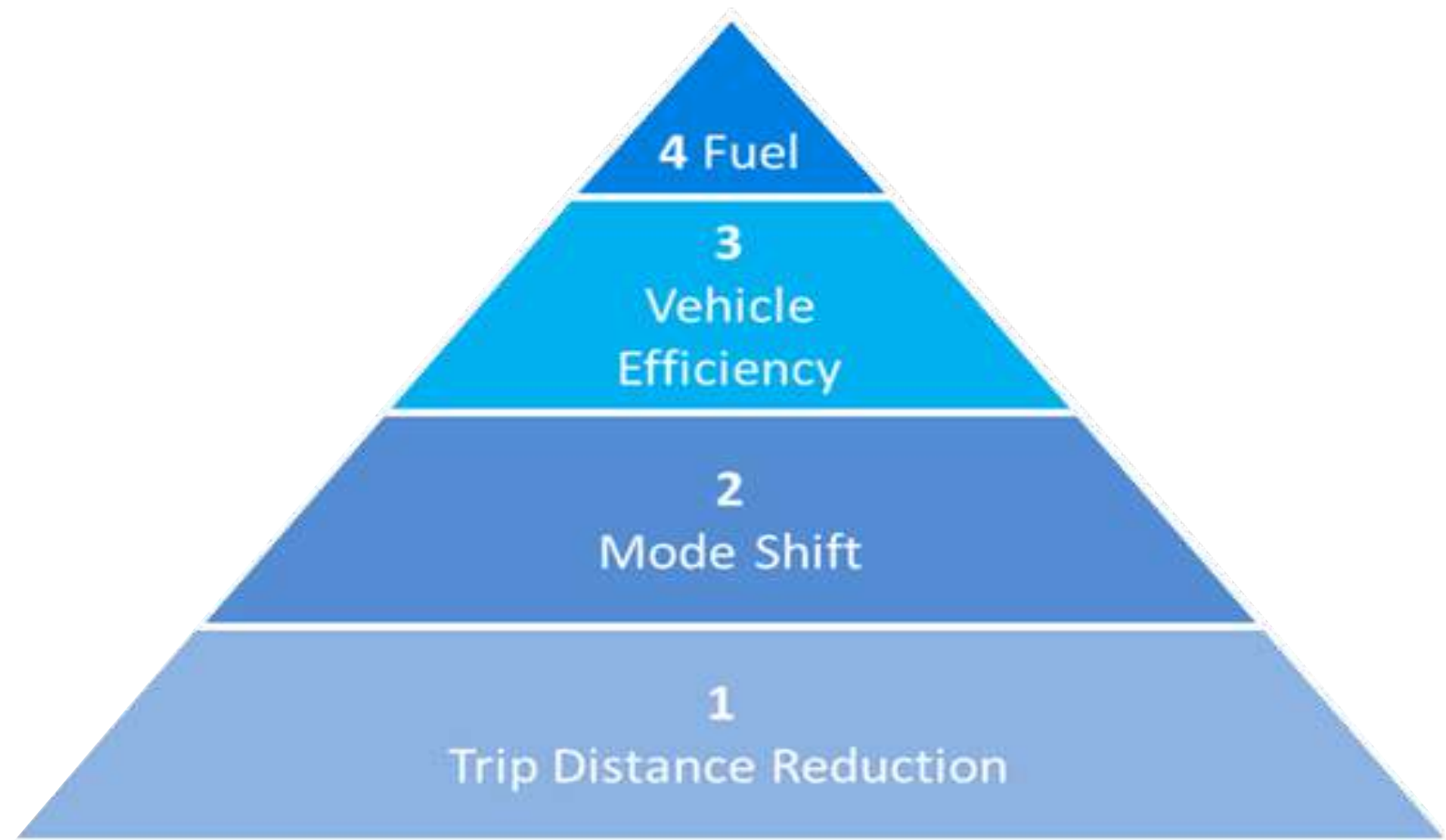
**Waste**



**CLIMATE ACTION!**



# Where to Start: Transportation



# Healthy Built Environment / Alternative Transportation



# Healthy Communities Team



Interior Health  
*Every person matters*



# Built Environments vs Healthy Built Environments



# Village of Salmo Strategic Energy Emissions Planning





# Village of Salmo, BC



Village of Salmo







# **Sustainable Saimo**

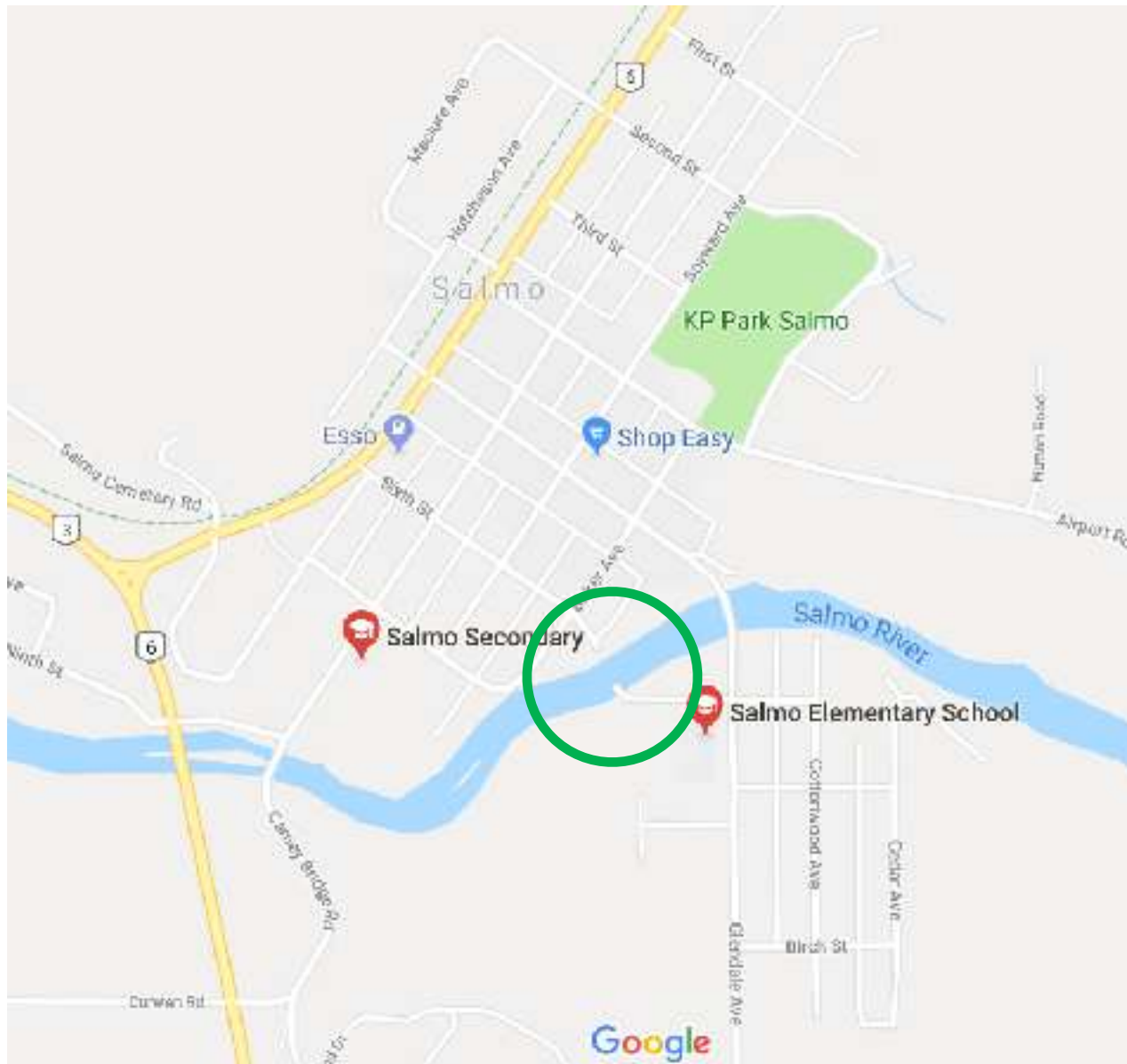
*Exploring Our Future. Together.*

# Salmo Pedestrian Bridge

Est. July 1, 2017



# Linking Health and Community Planning

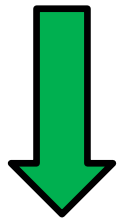




# Active Transportation Planning Principles



# Health Outcomes



**Obesity/ Body Mass Index**

**Unintentional injury**

**Premature death**

**Respiratory disease**

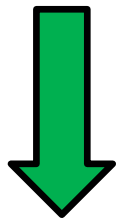
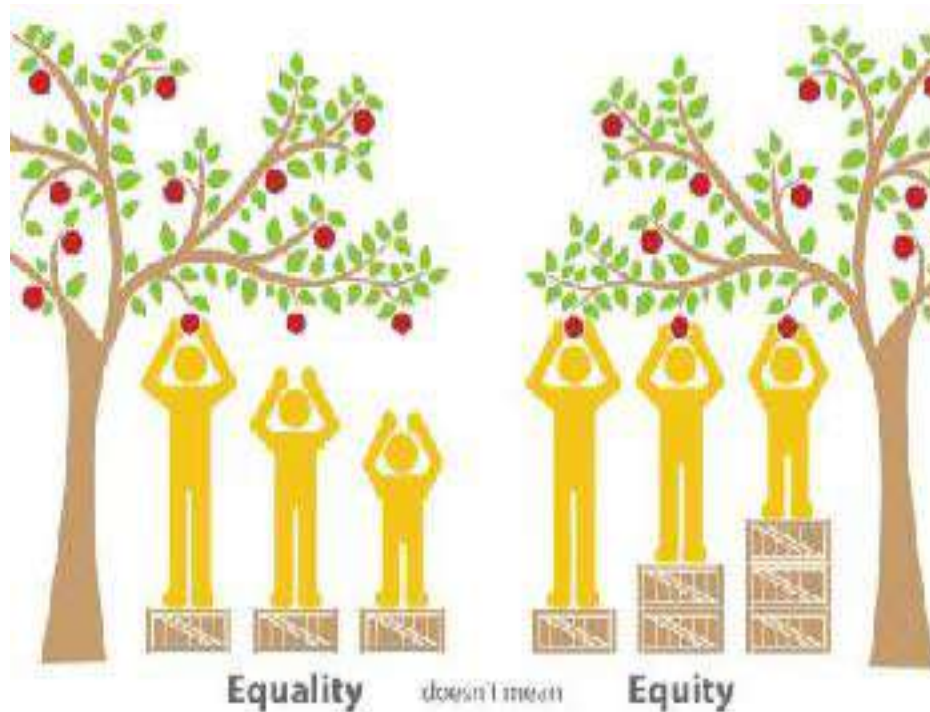


**Mental health**

**Social cohesion & connection**

**Quality of life**

# Health Outcomes

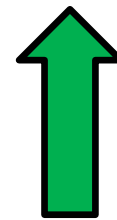


Cost of Living

Food Insecurity

Cost to Health Care System

GHG Emissions



Health Equity

Affordable Housing Options



# Healthier Minds in Healthier Bodies in Healthier Environments



# Leveraging the Co-Benefits of Climate Action for Healthy Communities



SFU

Deborah Harford, [adapt@sfu.ca](mailto:adapt@sfu.ca)



Patricia Dehnel, [pdehnel@communityenergy.bc.ca](mailto:pdehnel@communityenergy.bc.ca)



Anita Ely, [Anita.Ely@interiorhealth.ca](mailto:Anita.Ely@interiorhealth.ca)



Stephanie Slaman, [sslaman@investkelowna.com](mailto:sslaman@investkelowna.com)



Carol Suhan, [carol.suhan@fortisbc.com](mailto:carol.suhan@fortisbc.com)

Sara Barron, [sara.fryer.barron@gmail.com](mailto:sara.fryer.barron@gmail.com)