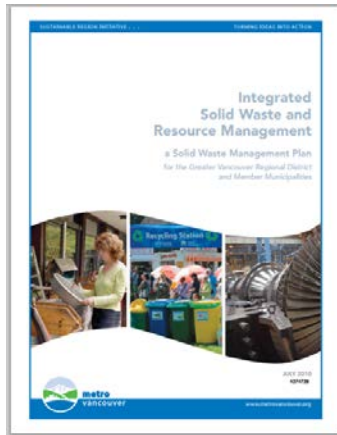


GREEN DEMOLITION PROGRAM UPDATE

Standing Committee on City Finance and Services
Lisa Brideau & Brad Badelt



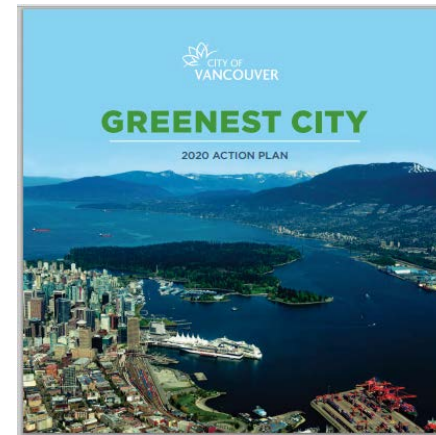


Integrated Solid Waste & Resource Management Plan

Metro Vancouver

Target:

80% diversion of DLC materials by 2020



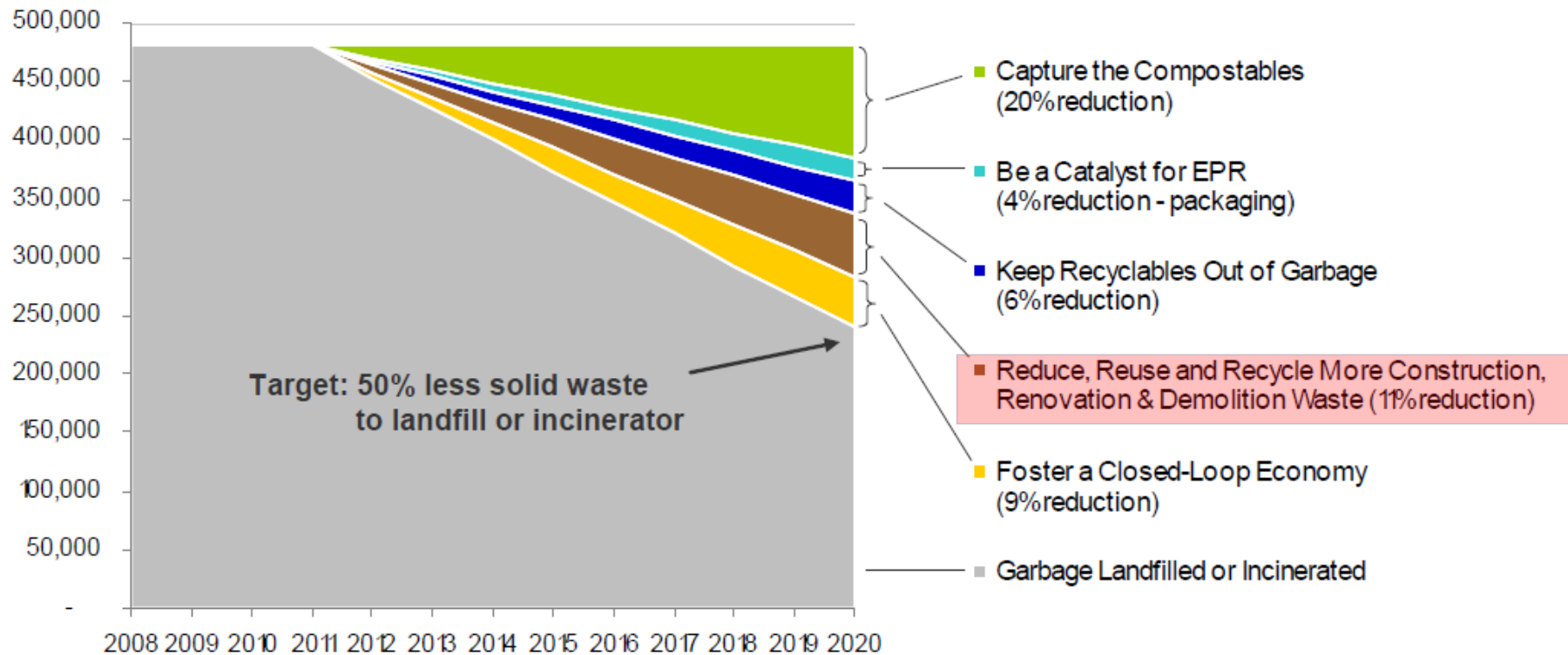
Greenest City 2020 Action Plan

City of Vancouver

Target:

Reduce waste disposed by 50% by 2020

Reducing C&D waste disposal is a key action



JUNE 2014

Council endorsed proposed Strategy

Green Demolition Bylaw

Exploring C&D recycling at
Vancouver Landfill

Encouraging market demand
for reused/recycled material

Data collection/monitoring

ALL DEMOLISHED PRE-1940 HOMES

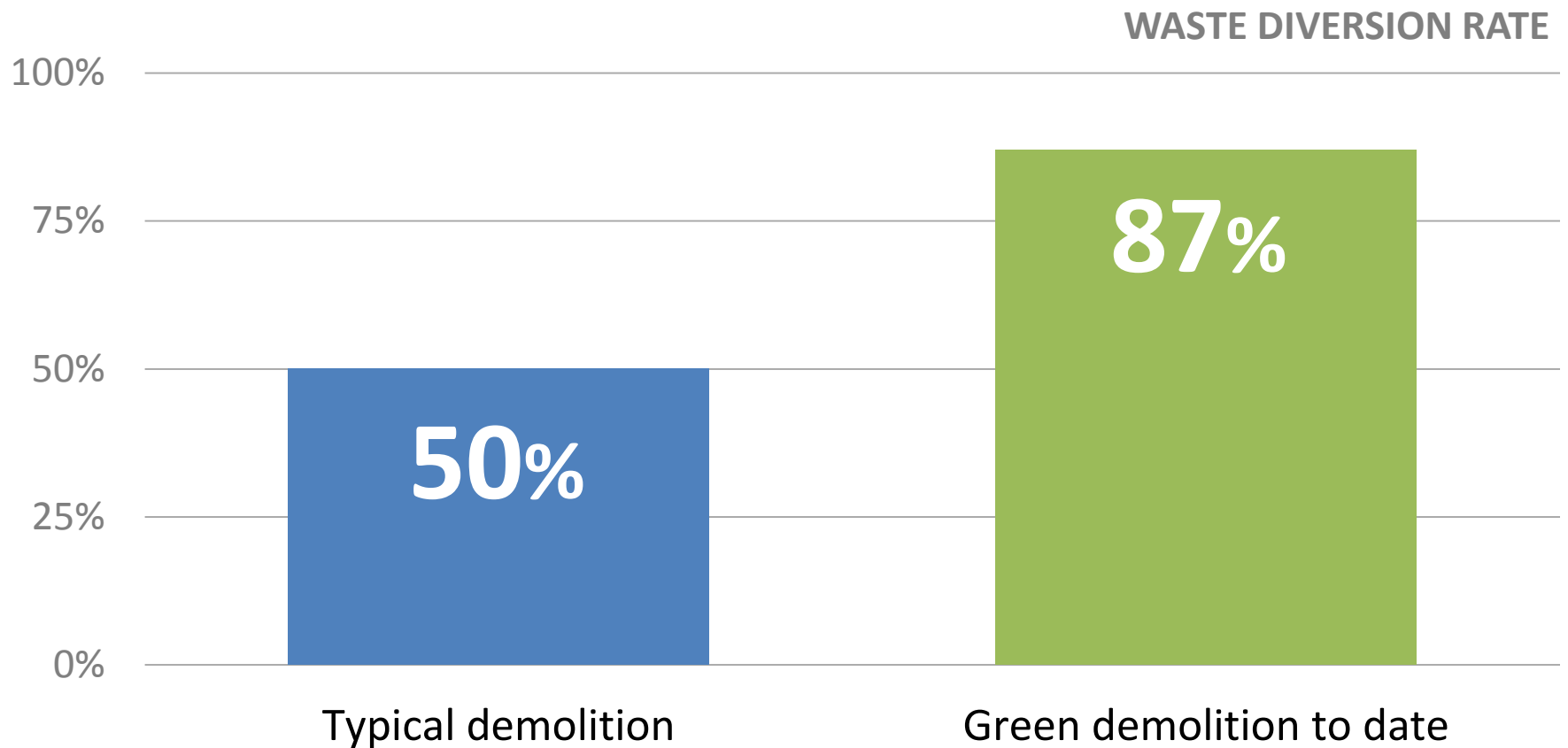
Reuse/recycle $\geq 75\%$ of
materials by weight

Reuse/recycle $\geq 90\%$ of
materials (character homes)

EFFECTIVE SEPT 1, 2014



9,000 tonnes diverted
3,000 tonnes of GHG's avoided



CONCRETE

nearly 100% recycled
as aggregate

DRYWALL

nearly 100% recycled
as new drywall

WOOD

fuel, compost amendment
(treated/painted not recyclable)

SHINGLES

not currently
recycled



LIMITED REUSE

Main challenge is lack of market demand

SUPPLY VS. DEMAND

Volatile end markets for recycled wood



FEEDBACK

Generally supportive of green demo

Requires more labour / time

Concern: uncertainty of overall permit processing

Concern: recycling capacity in the region

© 2015

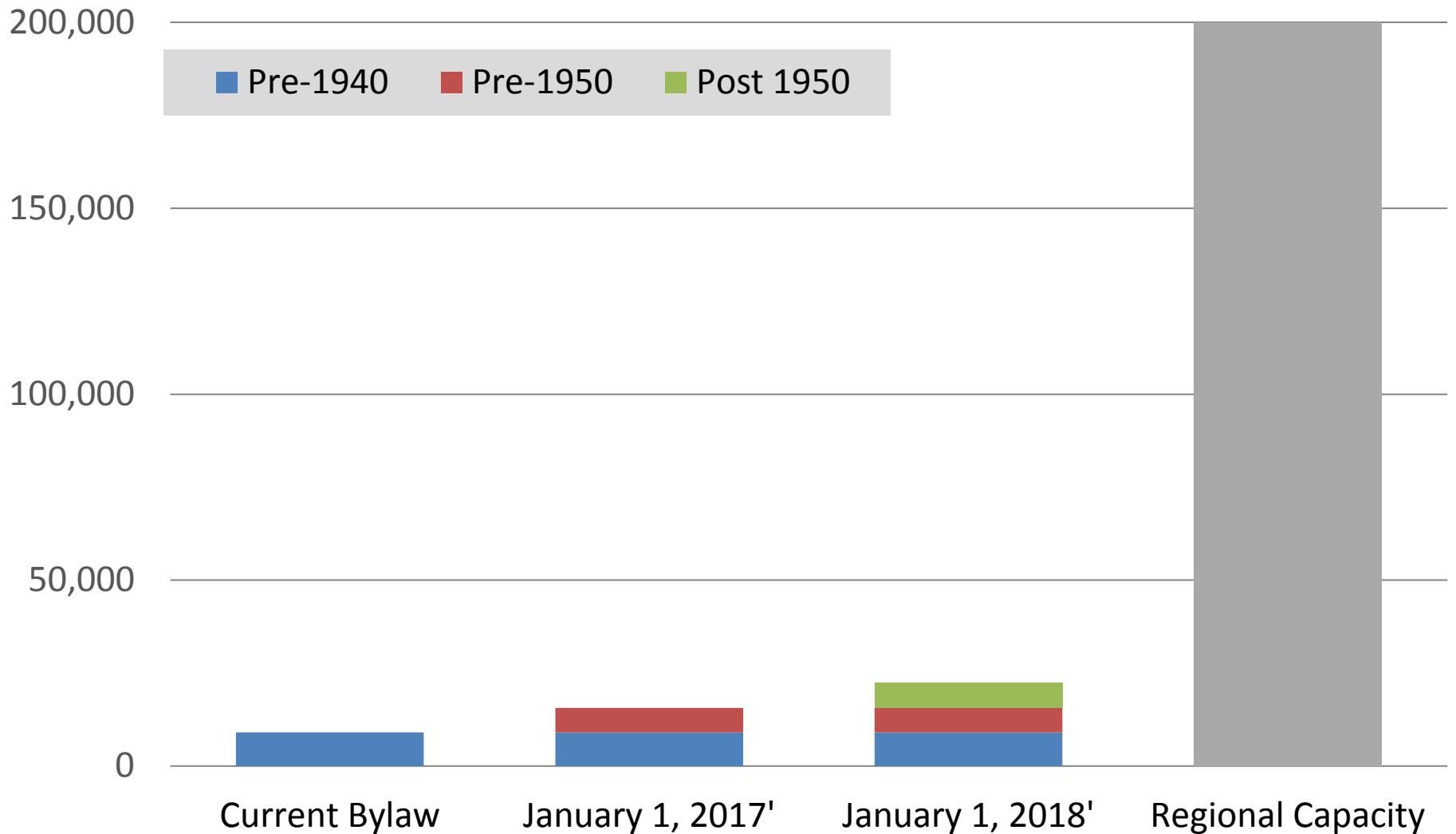
PROPOSED AMENDMENTS

Pre-1950 homes as of Jan. 1, 2017

All homes as of Jan. 1, 2018



TONNES OF WOOD WASTE RECYCLED ANNUALLY



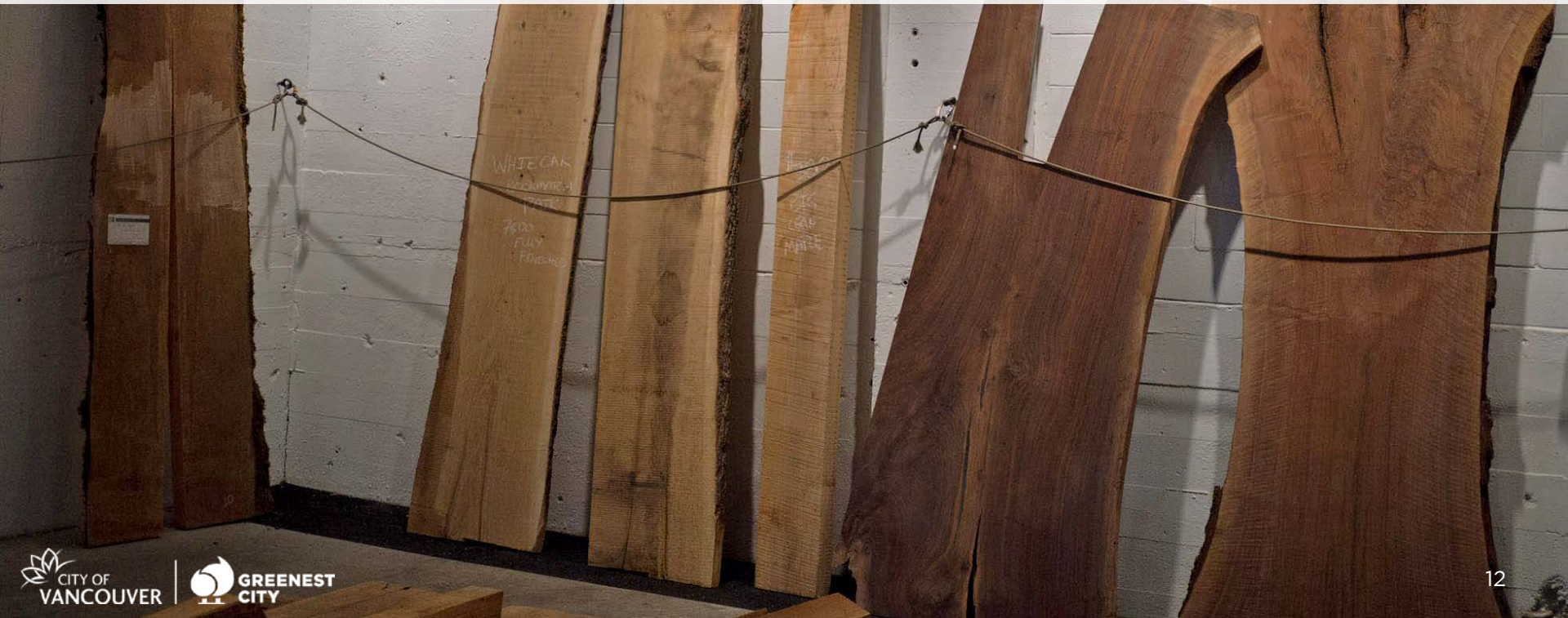
OTHER PROPOSED BYLAW AMENDMENTS

Advanced demo permits
when committing to
deconstruction/salvage

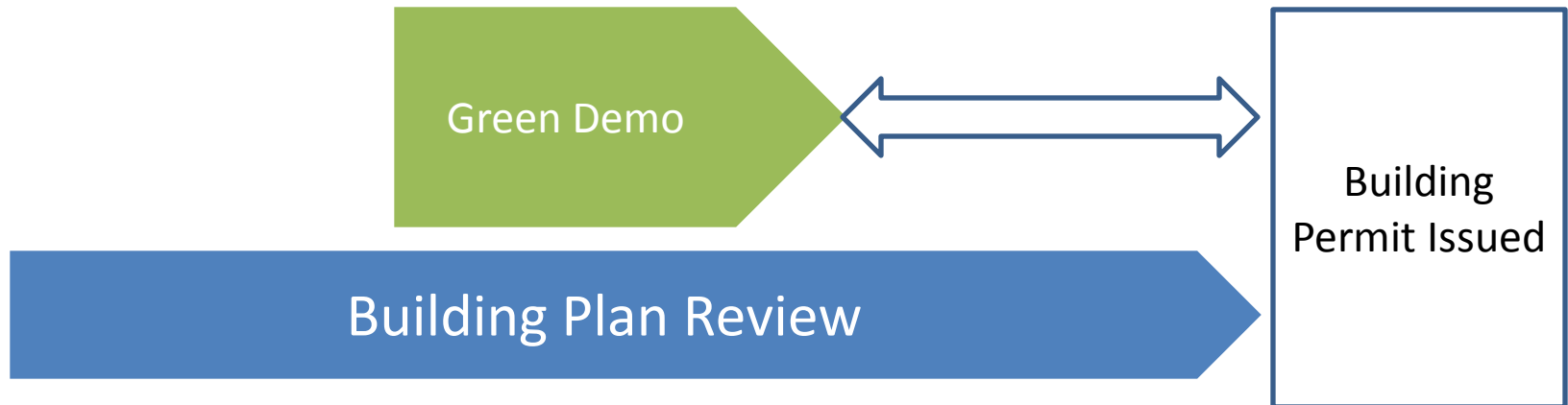
More credit for
salvage/reuse

Cost-recovery fee
to ensure quicker
turnaround

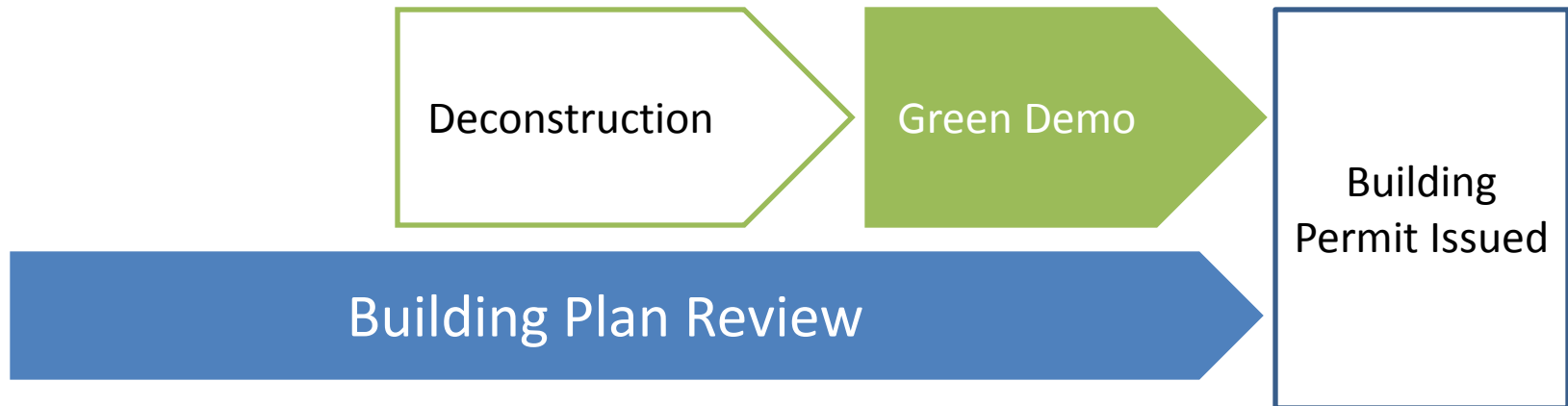
westcoast wood slabs



CURRENT PROCESS



IMPROVED PROCESS



PROMOTE SALVAGED WOOD

VEC and industry partners



The image shows a bright, modern interior space with light-colored walls and a wooden floor. A prominent feature is a fireplace with a thick, light-colored wood frame. To the right, there is a built-in wooden cabinet with glass-fronted upper doors and a window with a wooden frame. The room is well-lit by recessed ceiling lights and natural light from windows.

EXPLORE RECYCLING OPPORTUNITIES

Potential linkage with district energy systems

- >> **EXPAND BYLAW INCREMENTALLY**
- >> **ZERO WASTE STRATEGY**





QUESTIONS?