



BRITISH COLUMBIA
FireSmartTM

Introduction to FireSmart

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Understand wildfire risk



Learn about the Home Ignition Zone (HIZ)



Discover how FireSmart can protect communities



Explore resources and next steps

Why Wildfires are Becoming More Dangerous

- Climate crisis: increase in fire behaviour
- Overly effective fire suppression for 100 years: forest health issues
- Increasing development in Wildland Urban Interface areas



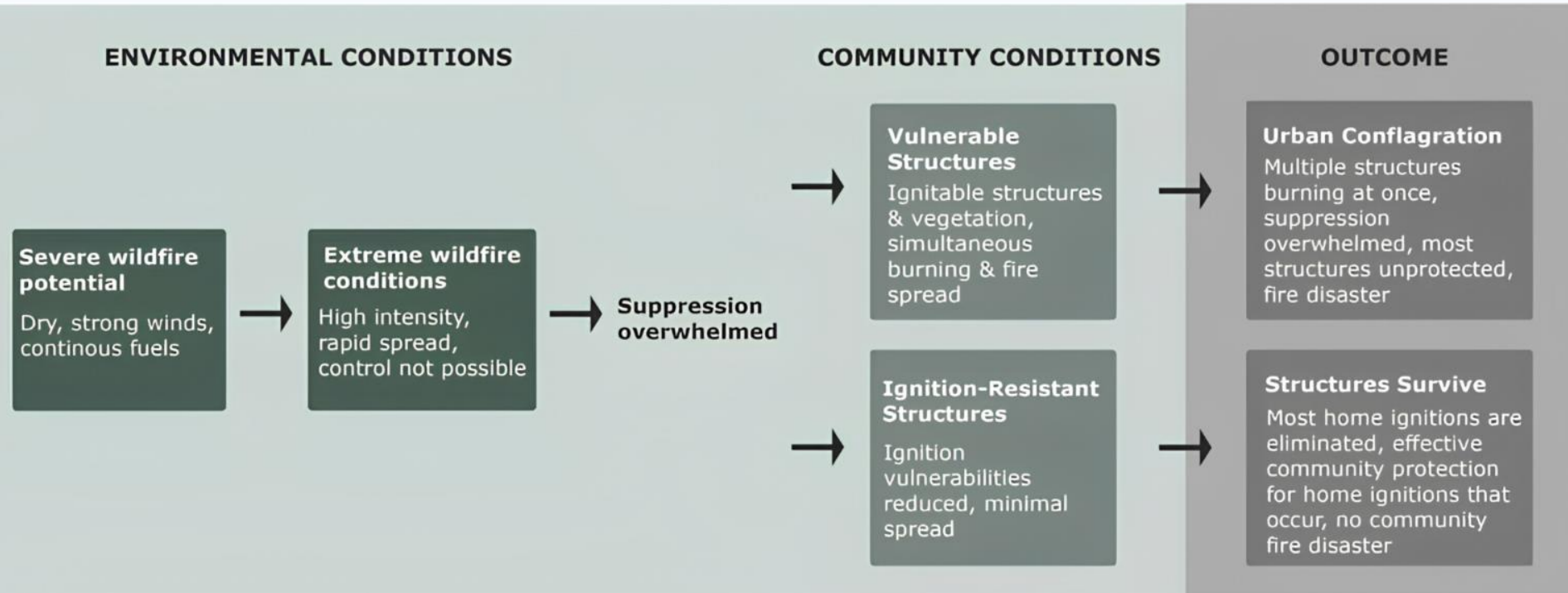
Photo: Burgess Creek Wildfire, 2024, Quesnel



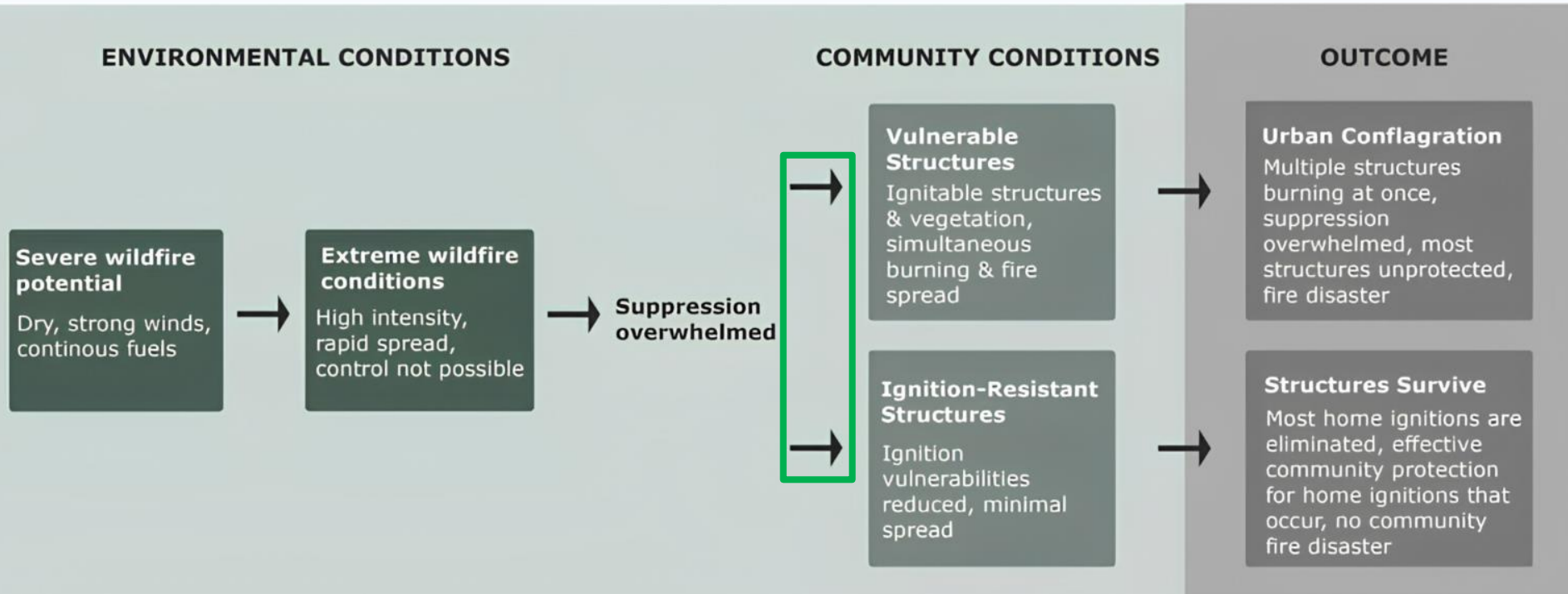
Wildland Urban Interface is the area where human development meets or intermingles with the natural environment.



Community Fire Disaster Sequence



Community Fire Disaster Sequence



Up to **90%** of homes destroyed by
wildland fires are ignited by **embers**.

What is FireSmart?

- Wildfire Preparedness
- Education & Empowerment
- Community Collaboration



What is FireSmart BC?



FireSmart BC is a provincial program aimed at reducing the risk of wildfire damage to homes, communities, and forests.



Photo: Community clean up at Xaxli'p First Nation

BC FireSmart Committee Members

 British Columbia Wildfire Service	 Fire Chiefs' Association of British Columbia
 First Nations' Emergency Services Society of British Columbia	 Union of BC Municipalities
 BC Parks	 FireSmart Canada
 Parks Canada	 Indigenous Services Canada (ISC)
 Forest Enhancement Society of BC	 British Columbia Office of the Fire Commissioner
 Ministry of Forests – Regional Operations	 Ministry of Emergency Management and Climate Readiness (EMCR)
 Ministry of Housing	 Ministry of Agriculture



Our Mission

Build wildfire resiliency and reduce the negative impacts of fire for everyone in the province through FireSmart.



Our Vision

A wildfire resilient province where everyone works, plays and lives FireSmart.



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Video: West Kelowna Case Study

If Homes Don't Ignite, Homes Don't Burn

To minimize the risk to your home, it is important to eliminate areas where embers can gather and ignite.

Home Ignition Zone (HIZ)

Three priority areas:

1. Immediate Zone
(0 - 1.5 metres)
1. Intermediate Zone
(1.5 - 10 metres)
1. Extended Zone
(10 - 30 metres)



IMMEDIATE ZONE

0m to 1.5m



IMMEDIATE ZONE

0m to 1.5m



INTERMEDIATE ZONE

1.5m to 10m

IMMEDIATE ZONE

0m to 1.5m

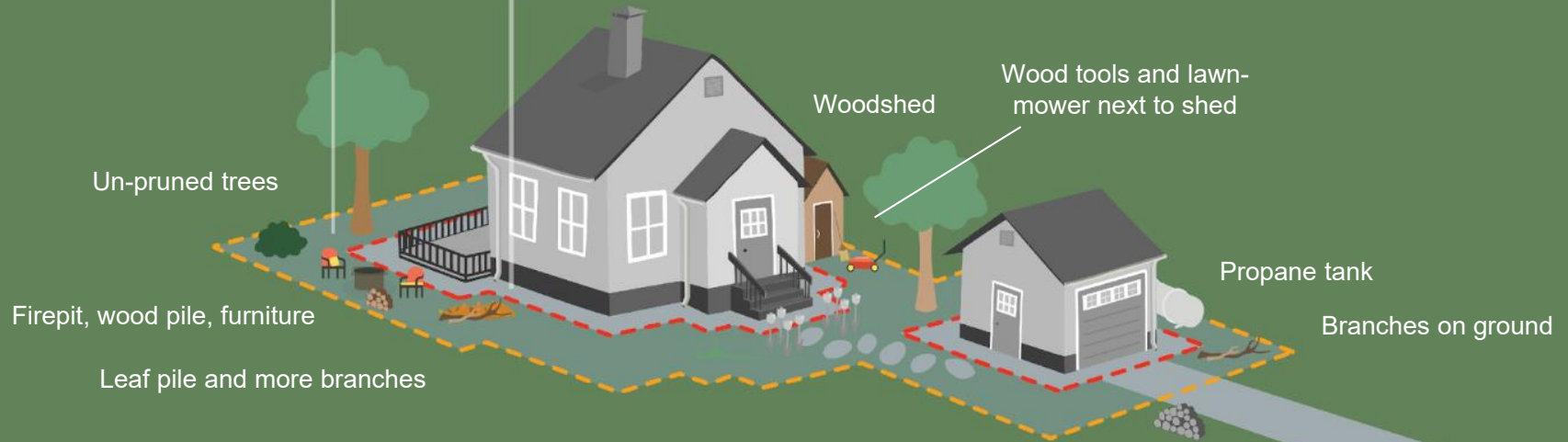


INTERMEDIATE ZONE

1.5 m to 10 m

IMMEDIATE ZONE

0 m to 1.5 m



EXTENDED ZONE

10m to 30m

INTERMEDIATE ZONE

1.5m to 10m

IMMEDIATE ZONE

0m to 1.5m



EXTENDED ZONE

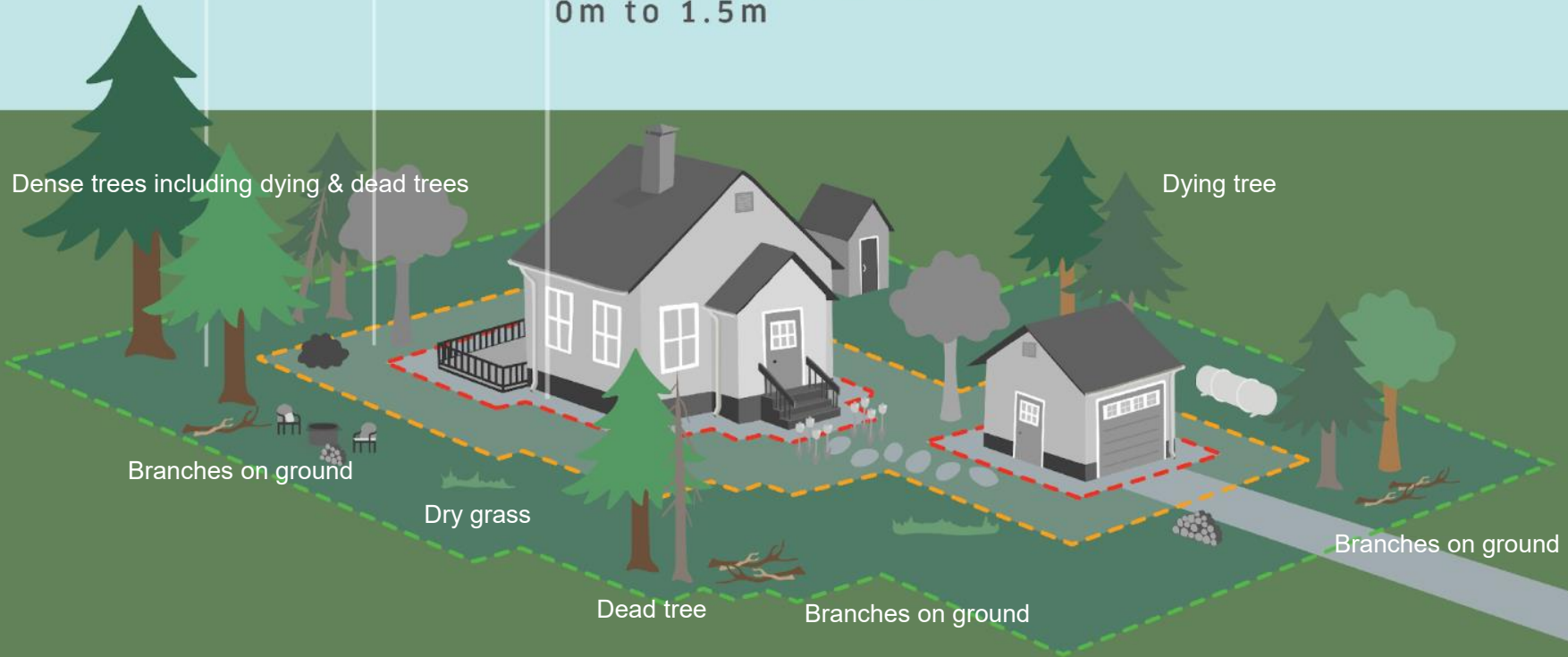
10m to 30m

INTERMEDIATE ZONE

1.5m to 10m

IMMEDIATE ZONE

0m to 1.5m



EXTENDED ZONE

10m to 30m

INTERMEDIATE ZONE

1.5m to 10m

IMMEDIATE ZONE

0m to 1.5m



Benefits of FireSmart



- Increases a structure's chance of surviving a wildfire
- Decreases strain on already stretched resources
- Builds peace of mind
- Strengthens community resilience

Your Next Steps

Get Involved!



Talk to your FireSmart Coordinator



Book a free home assessment



Visit FireSmartBC.ca





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THANK YOU

Questions?

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