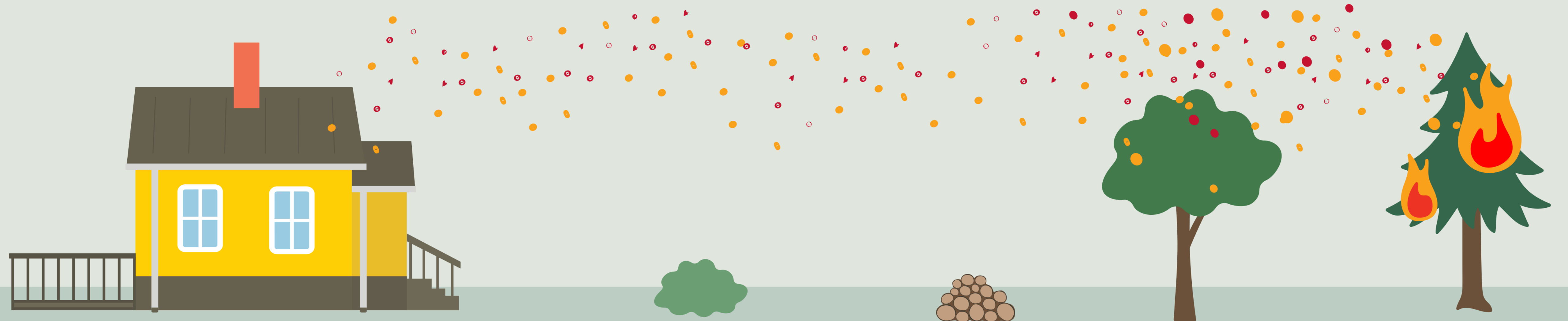


Understanding Fire Behaviour

Fire + Fuel = Why Homes Burn



Unmitigated Property



FireSmart-Mitigated Property

Fuels include trees, wood piles, structures, fences, plants, etc.



Coniferous trees are highly flammable.



Deciduous trees are less flammable.



Embers & Sparks

Embers and sparks (firebrands) often blow up to two kilometres or more ahead of a wildland fire, igniting materials on or near your home. This can lead to property loss and increase the forward progress of a fire.



Extreme Heat

Radiant heat from a wildland fire can melt vinyl siding, break windows, and ignite your home. Extreme heat can come from flames within 30 metres (100 ft) of your home.



Direct Flame

As wildland fires spread toward homes, other flammable objects are ignited in their path. To stop a wildland fire from directly affecting your home, create breaks in this path both vertically and horizontally.

