



Community Planning for Increasing Wildfire Risks



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Community Planning for Increasing Wildfire



Community Adaptation





Independent Nonpartisan Research





Roadmap



How does a home burn down?



What can a community do?



What needs to happen?



How does a home burn down?

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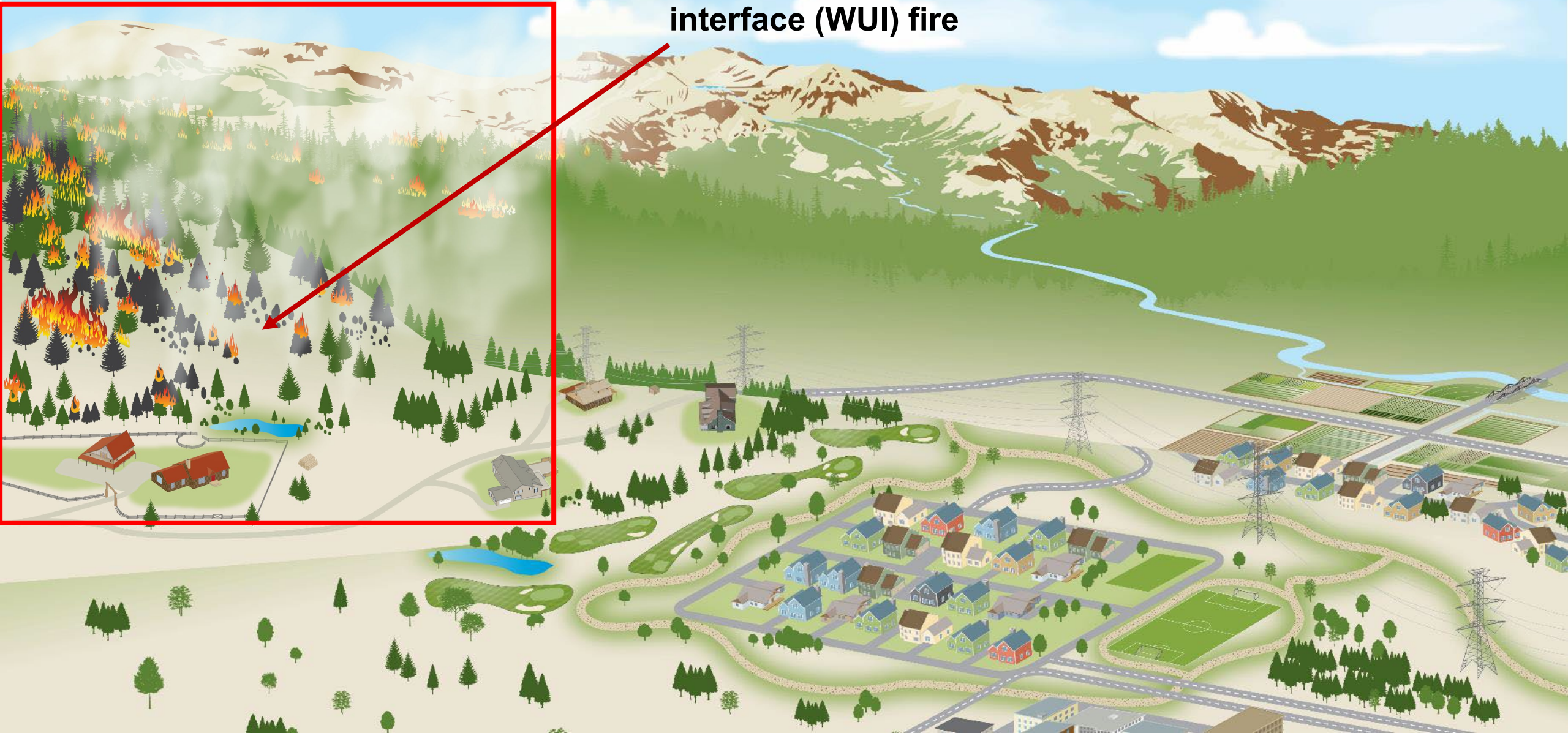
**How to keep a herb garden burning
down?**

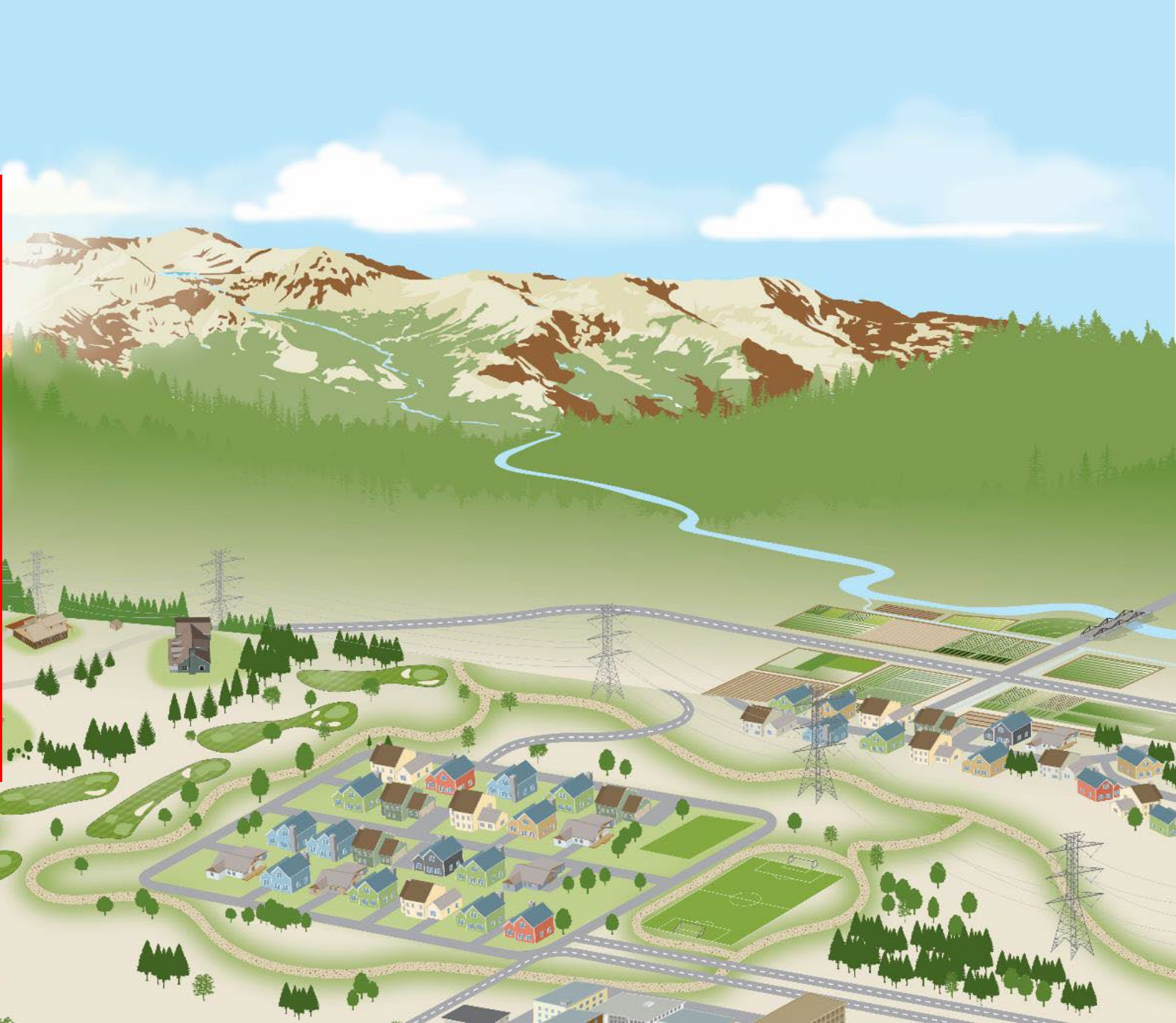


**Wildland-urban
interface (WUI) fire**



**Wildland-urban
interface (WUI) fire**



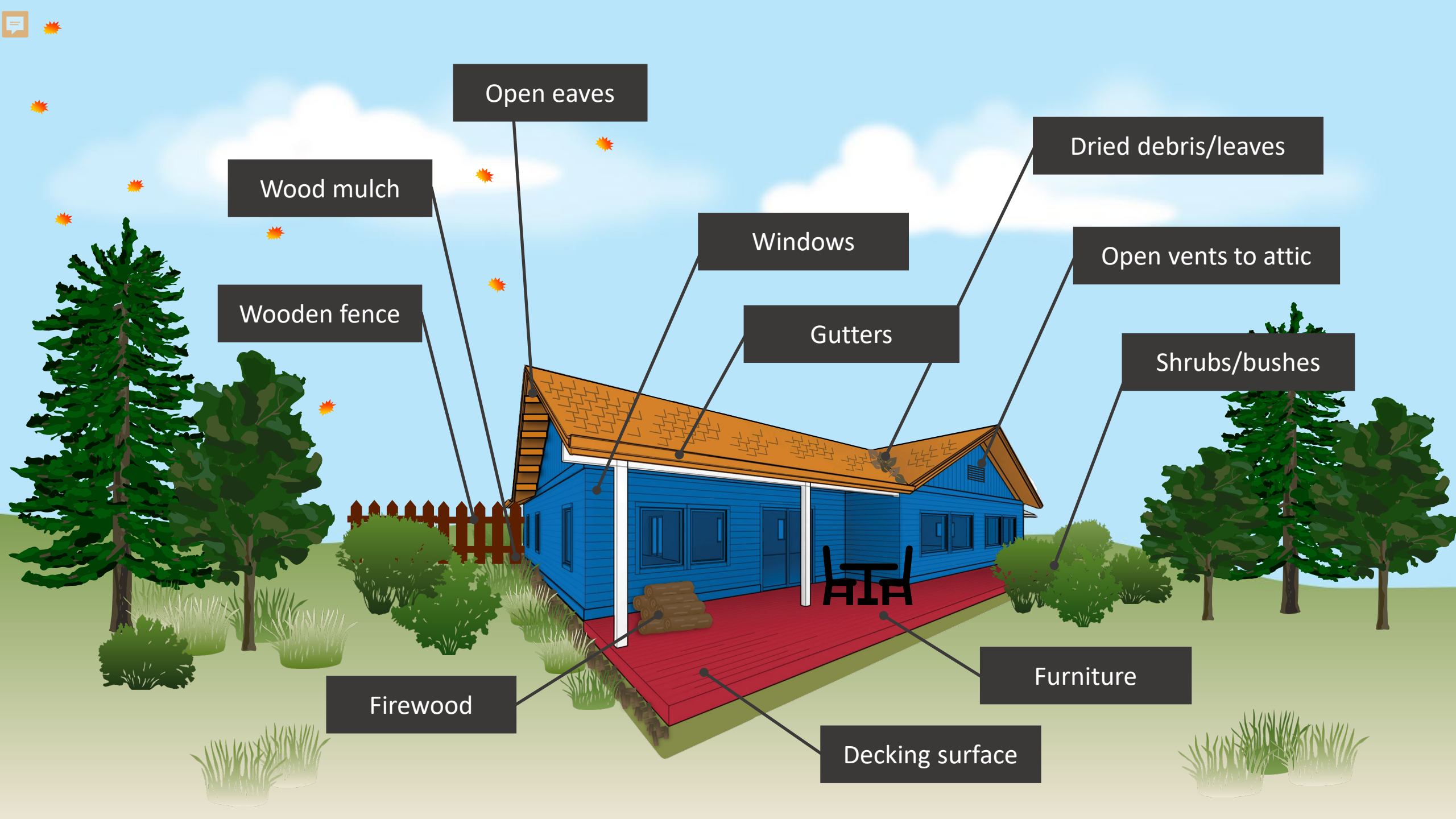






**Embers
(firebrands)**

The image shows a firefighter in the lower-left foreground, wearing a helmet and carrying a hose, spraying water towards a large fire in a forest. A massive, dense plume of glowing orange and yellow embers (firebrands) is being ejected from the fire, filling the upper half of the frame. The background consists of dark silhouettes of trees against the bright light of the fire. The overall scene is dramatic and captures a moment of active firefighting at night.



Open eaves

Wood mulch

Wooden fence

Windows

Gutters

Dried debris/leaves

Open vents to attic

Shrubs/bushes

Firewood

Furniture

Decking surface



Green
vegetation

Reduce the flammability of the home







Roadmap



How does a home burn down?

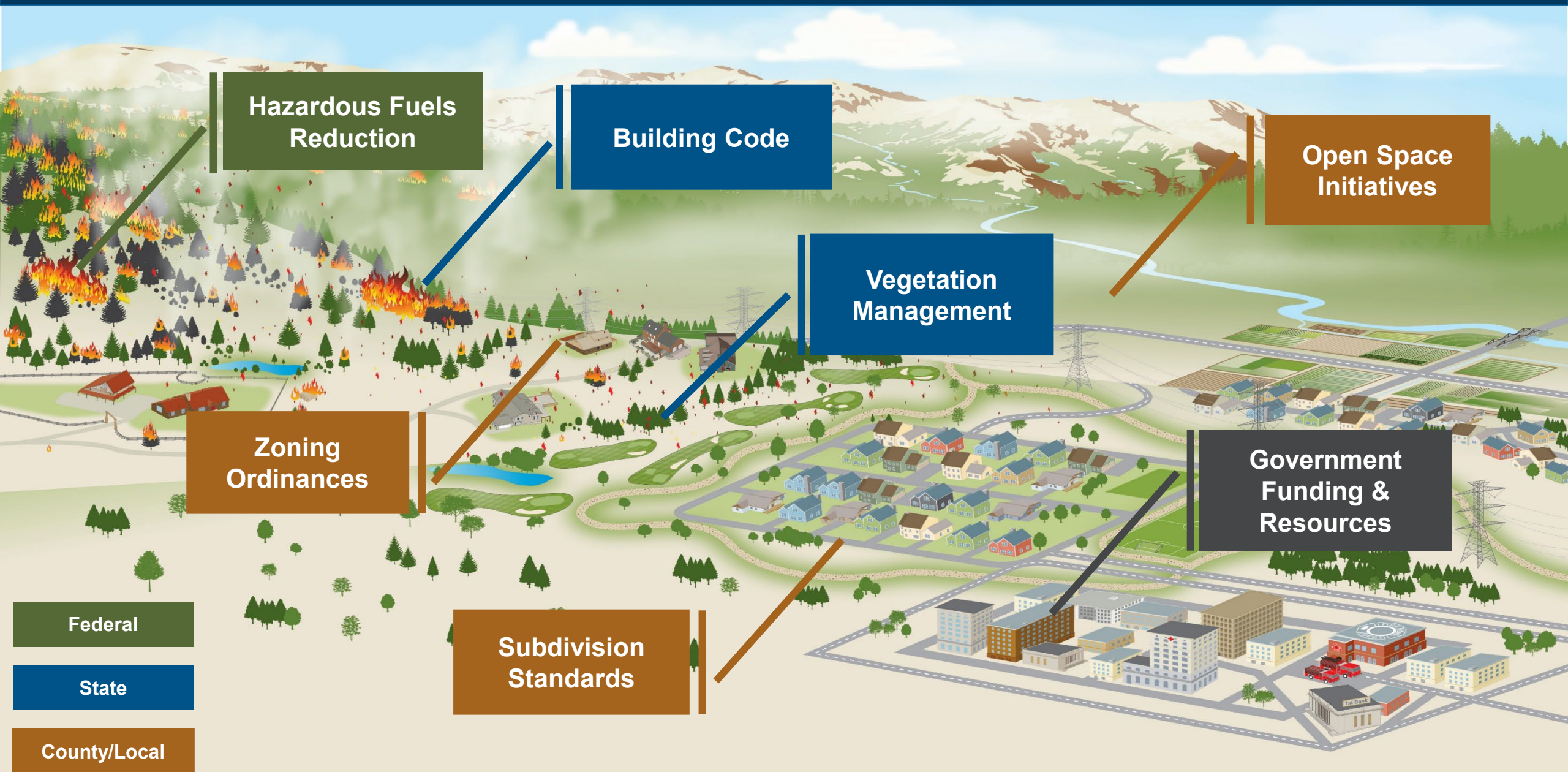


What can a community do?

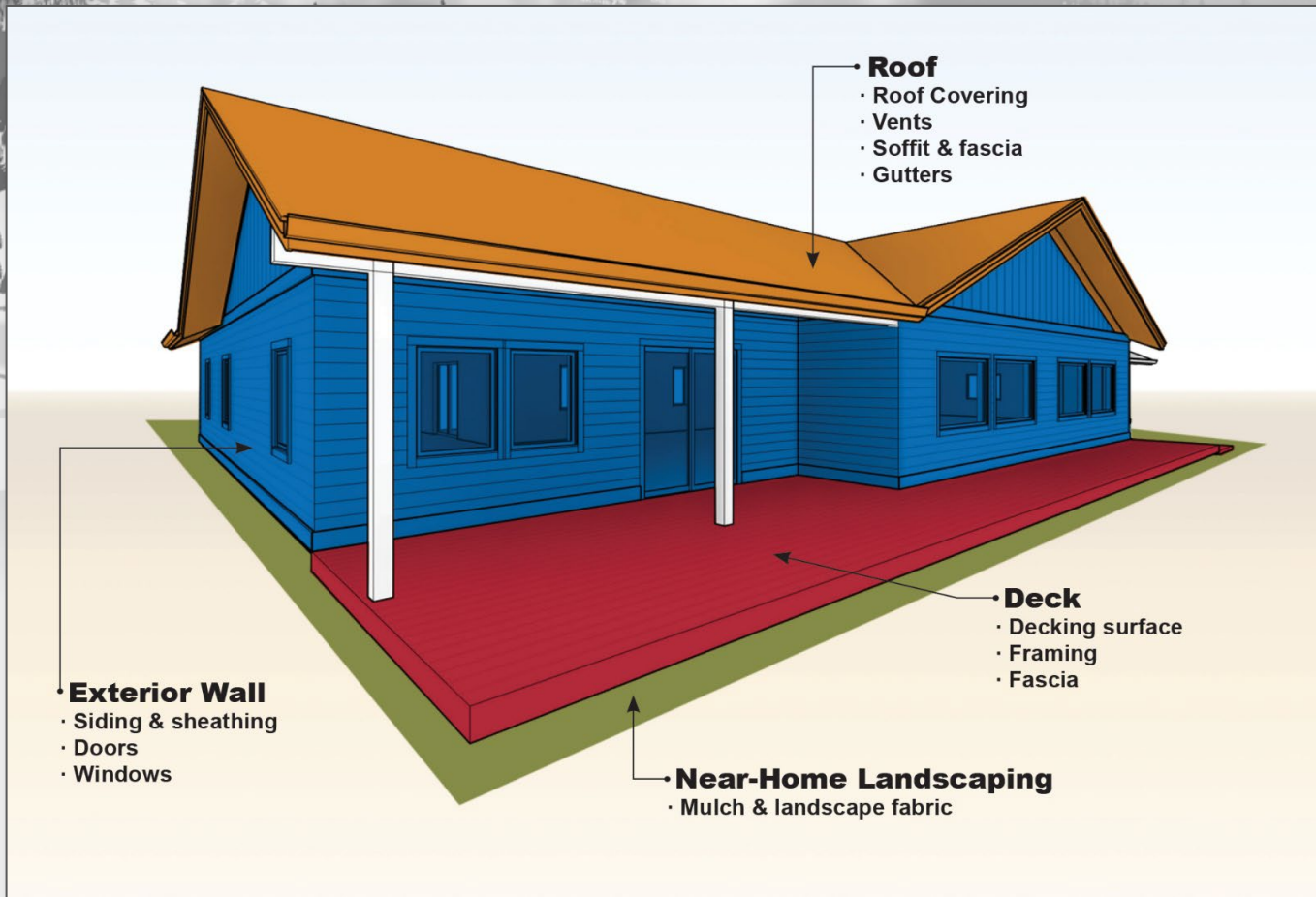


What needs to happen?

Community Planning Tools

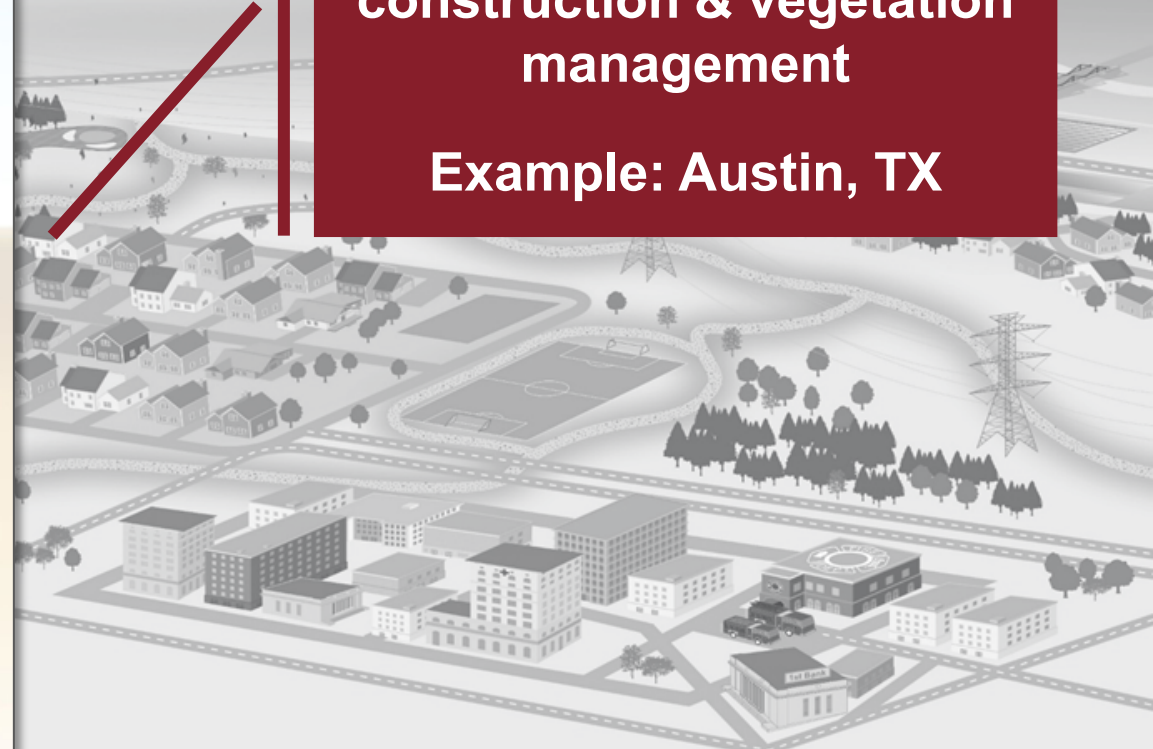


Building Codes



**Wildfire resistant
construction & vegetation
management**

Example: Austin, TX



Vegetation Management

FIRE-RESISTANT LANDSCAPING

A "how to" guide for
protecting your home



LANDSCAPING
DEFENSIBLE SPACE

NON-COMBUSTIBLE
LANDSCAPE ZONE

TYPES OF
GROUND COVER

STRUCTURAL
ELEMENTS

LANDSCAPE
MAINTENANCE

PROPERTY
SELF ASSESSMENT



Fire & Your Landscape

Fireproofing Resources
for Montana Homeowners

Montana Nursery & Landscape Association
www.plantingmontana.com • 888-220-1569

this brochure compliments of
your local MNLA member

Landscaping
guidelines

Example: Vail, CO

Ordinances

Home Hardening Example: Portola Valley, CA



Public-Private Partnerships

Home/Property Inspections

Example: Boulder County, CO
& Missoula County, MT





Roadmap



How does a home burn down?



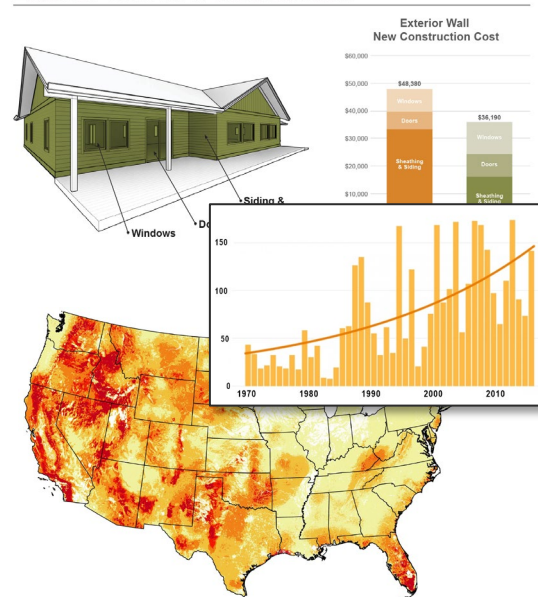
What can a community do?



What needs to happen?



Exterior Wall New Construction



Invest in Communities



Investment Opportunities

- ✓ **Subsidies for homeowners**
- ✓ **Defensible space programs**
- ✓ **Outreach and education**
- ✓ **Community development plan updates**
- ✓ **Staff capacity**
- ✓ **Vulnerable populations**

Upfront investment saves long-term costs



\$1 = \$4



Wildfire-Resistant Homes





We need to
plan for
inevitable
wildfires.

Invest in
people and
communities.

We can't
afford to wait.

Thank You!



Subscribe!

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