



Bushfire Resilience Inc.

A community-led initiative



A not-for-profit Incorporated Association

Statement of Purpose:

The purpose of the association is to facilitate the provision of information about bushfires to the community

Our customers: households living with bushfire risk



BRI is an independent community-led organisation that is not associated with and does not promote the interests of any other organisation or community group



Our webinars

Provide information based on science, experience and best practice

Practical, helpful and relevant

Enable households to be better informed and empowered to make better decisions when preparing for and responding to bushfire threat

Raise awareness of risks and provide information that inspires and empowers households to *take action*



Audience engagement

Pre Webinar Survey (including lodging questions)

Poll questions during the webinar

Q&A session/s of at least 30min

Feedback Survey



Business model

Topics others do not cover

Subject matter experts from around Australia

Webinar recordings available from our website or YouTube

Bitesize website content (bushfireresilience.org.au)



2021 Viewer participation

Average viewers per webinar: 206 (double 2020)

Feedback Survey response: 60% of audience (55%)

Percentage of audience inspired to take action: 95%

Registrations trebled

2,100 people have watched a webinar recording



2021 Viewer ratings

Overall session: 91% Excellent or Very Good

Information relevance: 90% Excellent or Very Good

Recommend to others: 85% Very Likely, 15% Likely



What have we achieved in 19 months?

5 Webinars in 2020

5 Webinars in 2021

Bitesize BRI content for our website

BRI Website Resource Hub

Watch

Recording of each webinar

19 Bitesize webinar segment videos: Presentation & Panel Session

26 Bitesize topic specific videos

All 45 videos are bookmarked to enable direct navigation

Read

Transcripts to read or print: each Presentation, Panel Session, Q&A Session, each Bitesize topic specific video

Learn from household's Feedback Survey responses

Most informative parts

Actions viewers will take

Search



What we want to achieve in 2022

Webinar Series comprising 5 free webinars

***Progressively* create Bitesize content**

Create new Bitesize content

Update website with interviews and maybe podcasts

Engage with our customers re Website content

Aim to attain a reputation for Excellence

Website Home Page

Bitesize Topics from our Resource Hub

Our Resource Hub contains a wealth of expert information and includes many Bitesize topics to help you target the specific bushfire risks that may apply to your home and property



Treated pine

Dr Justin Leonard, CSIRO

CCA treated pine presents a significant fire risk

[Learn more](#)



Water tanks

Dr Justin Leonard, CSIRO

A ruptured plastic or fiberglass tank against a shed or a house is equivalent to driving a car into the side of the structure at about 50km/hr

[Learn more](#)



Gas bottles

Dr Justin Leonard, CSIRO

In a fire 9-60kg gas bottles can turn into a flame thrower or a bomb. Securing them securely could save your home

[Learn more](#)

Bushfire resilient buildings

Some comments from a householder living with bushfire risk

Existing risk: House loss and fatalities in Victoria are 55-58% of the Australian total

Increasing risks:

Climate change

Householder movement - tree and sea change

Insurance coverage and cost challenges

Is action on managing vegetation adequate?

What building suite? New Rebuild Existing

What content does a household living with bushfire risk expect government departments and agencies to provide them:

They are the *customer*. They have to spend **their money** when complying with the rules. So all content must suit **household users**

Integrated

Excellent navigation tools

Process maps

An excellent document search capability

A searchable database

Version control

Table of Contents and an Index

Consistent format and titles

Easy to print PDF files

A link to the appropriate Regulation

Ready access to hard copies

Meaningful descriptors e.g. 'bushfire protection'

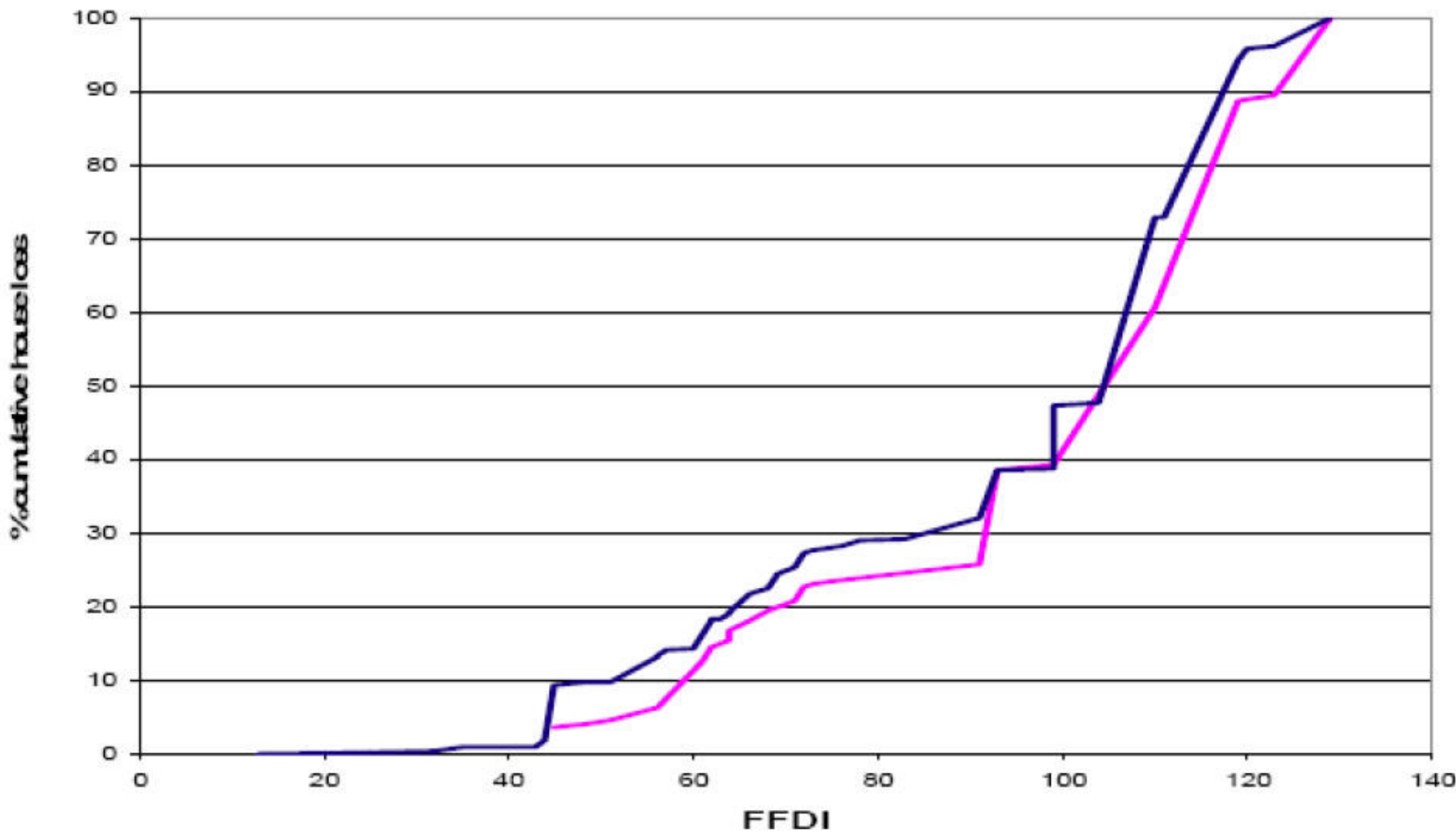
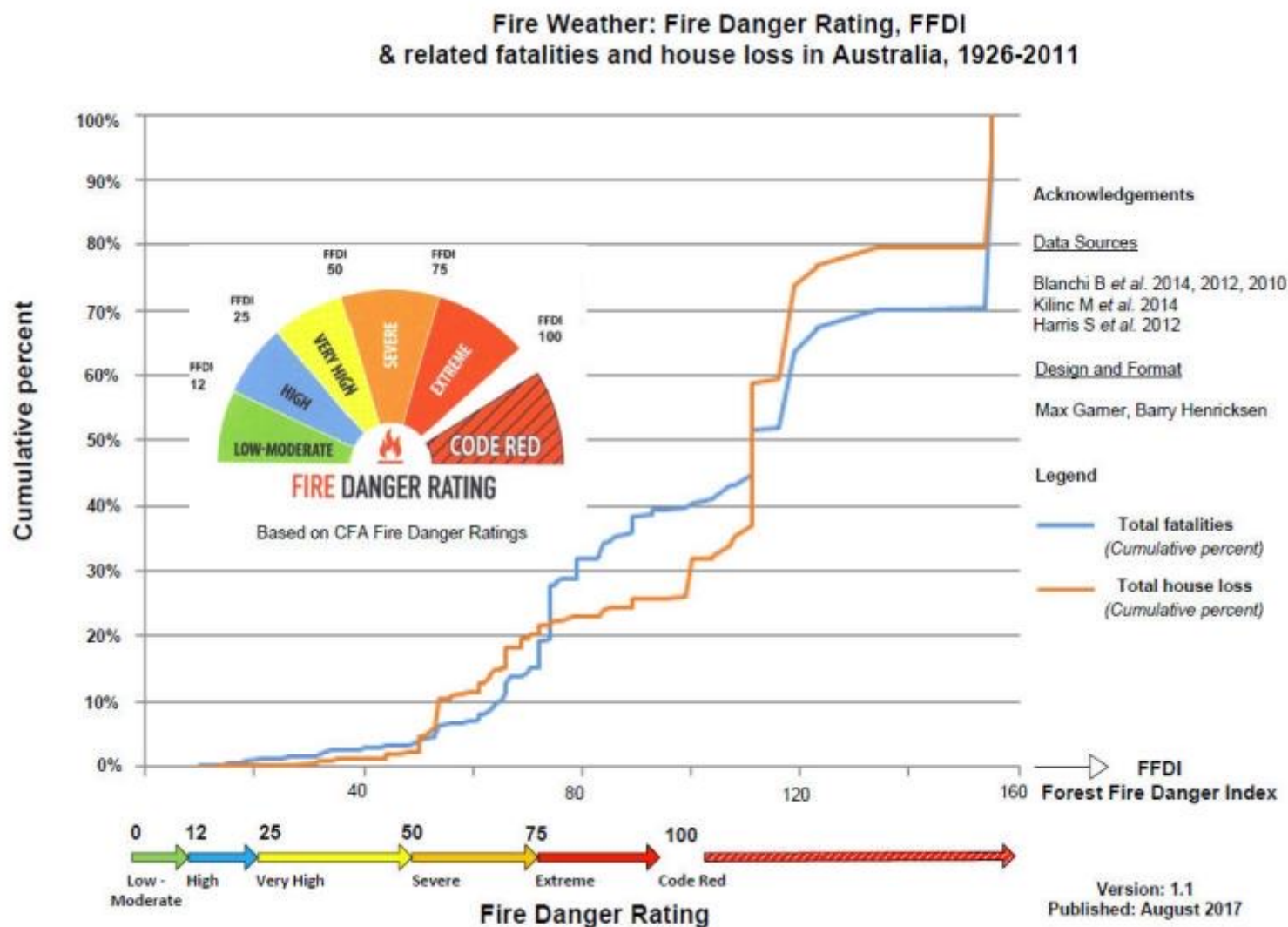


Figure 1: Source Justin Leonard CSIRO – Designshop – August 2009
 Black line = house loss Pink line = life loss

A householder expects information to be available in an easily understandable form



House Design & Maintenance

What are we up against?

Attack Mechanisms Check List :

- Large fire front – Radiant Heat & Flame
- Ember attack**
- Adjacent buildings
- Adjacent combustible objects
- Surface fire**
- Tree and large branch strike
- Wind and wind blown debris**
- Smoke (Human exposure)**

Occurs in all bushfire exposure events



House Design & Maintenance

What are we up against?

Attack Mechanisms Check List :

Large fire front – Radiant Heat & Flame

Ember attack

Adjacent buildings

Adjacent combustible objects

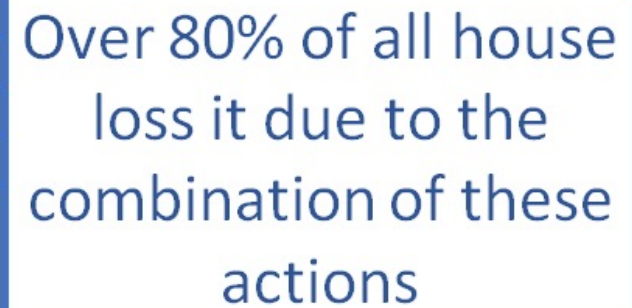
Surface fire

Tree and large branch strike

Wind and wind blown debris

Smoke (Human exposure)

Over 80% of all house loss it due to the combination of these actions

A blue-bordered box containing the text "Over 80% of all house loss it due to the combination of these actions". Five blue arrows originate from the left side of the box and point to the following items in the checklist: "Ember attack", "Adjacent buildings", "Adjacent combustible objects", "Surface fire", and "Wind and wind blown debris".

Households need to understand the limitations of Bushfire building Regulation

House Design & Maintenance

What are we up against?

Attack Mechanisms Check List :

Large fire front – Radiant Heat & Flame

Ember attack

Adjacent buildings

Adjacent combustible objects

Surface fire

Tree and large branch strike

Wind and wind blown debris

Smoke (Human exposure)

Considered by
Bushfire building
Regulation.

Partially or not
Considered by
Bushfire building
Regulation.

A householder needs usable information

FFDI

Included as Recommendation 5.2 in the Interim Report of the Bushfires Royal Commission, August 2009.

No helpful information for households since then.

BAL

Easy to find calculation parameters for Victoria

Step by step determination of slope using a range of readily available tools

Free of charge BAL Calculator

Supportive technical information

A householder with a home built to regulation needs access to readily available additional information about what they need to do to lower their risk e.g.

Mulch

CCA treated pine

Gas bottles & cylinders

Water tanks

Vegetation

Building egress routes