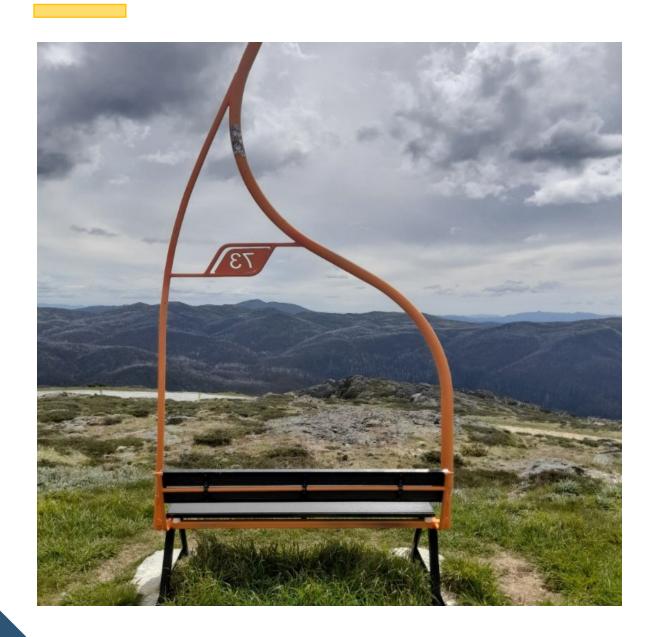
Northern Alpine Fire Management Plan



Representing: Alpine Shire Council, Alpine Resorts Victoria Falls Creek and Alpine Resorts Victoria Mount Hotham

Acknowledgment of Country

The Northern Alpine Fire Management Planning Committee acknowledges and pays respect to the Traditional Owners of this land and its Elders, past and present and is committed to working with Aboriginal and Torres Strait Islander communities to achieve safer and more resilient communities.

Acknowledgements

The three Municipal Fire Management Planning Committees acknowledge the member agencies and individuals for the work and commitment in developing this plan, along with the use of the photographs in this publication.

Approval

Type text here

The Northern Alpine Fire Management Plan has been prepared by the Northern Alpine Fire Management Planning Committee and was assured by the two Municipal Emergency Management Planning Committee's on the Wednesday 20th November 2024 [Alpine Shire Council] and Wednesday 4th December 2024 [Alpine Resorts Victoria].

Alpine Shire Council

Nathalie Cooke MEMP Chair

Alpine Resorts Victoria

Melanie Kay MEMP Chair

Melanie Kay

Period of Operation 2025-2027

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Version Control

Version number	Date of Issue	Authors	Description of Charge		
1.0	26 th Oct 2023		Development of NAMFP		
1.1	1 st December 2023				
1.2	March 2024		Addition of 'Action Plan'		
1.3	April 2024				
1.4	September 2024	CFA Alpine Service	Review of wording and clarification		
2.0	September 2024	Delivery Team Final Review			
2.1	October 2024	Update			
2.2	November 2024	Update ASC documentation			
3.0	November 2024	Additional Preparedness identities for			
			Hotham		

Review

Content of this strategy will be reviewed annually at the completion of the summer season, as part of the Alpine Resorts Victoria Falls Creek, Alpine Resorts Victoria Mt Hotham and Alpine Shire Council.

Amendments are produced and distributed by the Committee's Administrative Officer as required.

This document is due for review in 2027.

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Foreword

This Northern Alpine Fire Management Plan (NAFMP) has been developed under legislation introduced in Victoria in 2018 to provide greater cohesion through integrated arrangements for emergency management planning in Victoria at the state, regional and municipal levels. It is a sub-plan to the three Municipal Emergency Management Plans (MEMP).

The three Municipal Emergency Management Planning Committee's (MEMPC's) of Alpine Shire Council (ASC), Alpine Resorts Victoria Falls Creek (ARVFC) and Alpine Resorts Victoria Mount Hotham (ARVMH) all resolved to establish fire management planning committees, to address the risks that are not the responsibility of a single legislated control agency and where an integrated effort is required. They took a collective analysis of the area covered by the fire management sub plans, the similar committee agency representation and pooling of expertise and knowledge of fire risk that the fire management committee encompasses. The result was that the three MEMPC's decided to have a combined fire management committee.

Through the development of the Plan, the Fire Management Planning Committee (the Committee) undertook a process to explore the fire-related challenges, risks, and opportunities within the municipality in order to apply a coordinated approach to managing these risks. This plan takes an integrated approach across agencies and partners to the identification and management of fire risks within the municipality. It recognises the shared responsibility between government, agencies, business, and community in reducing those risks.

The committee has established the plan with two focused themes of:

- Prevention
- Preparedness

Which are then distinguished into Bushfire and Structure Fire actions and activities

The experience and knowledge of the committee members and partner agencies has been integral in confirming the focus of the strategies and the actions to be undertaken.

The plan will be monitored, and identification of improved treatments or activities will be a key deliverable in achieving the objectives in the plan.

Signature

Mark Owens MEmergMgt MAIES M.IRSM

Chair Fire Management Planning Committee

This Plan

This plan is prepared and maintained as a sub-plan to the three Municipal Emergency Management Plans to ensure that the linkages across fire prevention, preparedness, programs are consistent and holistic. Victoria has emergency management arrangements that require and encourage agencies to work collaboratively alongside state and local government, community, and business before, during and after emergencies.

Fire and emergency events impose significant social, environmental, and economic costs on Victoria including injury and loss of life, damage to property, infrastructure and facilities, financial costs, ecosystem and biodiversity loss, and social and cultural losses.

The intent of the Plan is to provide a strategic focus for fire management in the Northern Alpine area of concern.

Response and recovery arrangements sit within the three MEMP's and especially in specific fire agency plans and documentation. Therefore, we will not be duplicating that information in this plan.

This plan has been developed in line with the:

- Emergency Management Act 2013 which provides the authority under which Municipal Emergency Management Planning Committees (MEMPC) operate
- Ministerial Guidelines for Preparing State, Regional and Municipal Emergency Management Plans
- State Fire Management Planning Guidance to Regional and Municipal Fire Management Planning Committees.

This plan is risk informed, having regard for the social, economic, built and natural environment aspects of fire, and functions as a guide for participants involved in fire management planning activities. The Plan also contains appropriate reference to other applications of fire, including ecological and cultural. Challenges such as the impact of climate change, the increasing occurrence of major fires, population and residential growth all increase the need for a coordinated and collaborative approach to strategic fire management planning.

This plan does not intend to override or contradict local government or individual agency plans, or legislated responsibilities of any individual agency. It is designed to complement and enhance planning undertaken at a Regional and State level within emergency management arrangements.

The period of this plan is 3 years.

Northern Alpine Fire Management Plan

Vision, Purpose and Principles

Vision

To support agencies and committees in (steering or guiding) prevention and preparedness activities across bushfires and structure fires in the Northern Alpine area of concern.

Purpose of the Plan

For the NAFMPC to be responsible for the preparation and review of this plan. To ensure that the plan is consistent with the State Emergency Management Plan and the relevant MEMP and/or REMP. To provide reports on recommendations to the individual MEMPC's in relation to any matter that affects, or may affect, fire management planning in their municipality. To provide a forum for fire and land management agencies and industry to collaborate in support of fire risk reduction programs. To share information with the individual MEMPC's and other FMPCs to assist effective fire management planning. To collaborate (having regard to the Guidelines) with any other FMPC that the MEMPC considers appropriate in relation to emergency management planning and to perform any other function conferred by the MEMPC's, or any other act. To have a detailed action plan that can be reported on by agencies.

This Fire Management Plan embraces the risks of Bushfires and Structure Fires.

Principles

The principles of the Northern Alpine Fire Management Planning Committee are:

- 1. Prevention
 - a. Activities and measures to avoid existing and new bushfires and structure fires risks
- 2. Preparedness
 - a. The knowledge and capacity to anticipate, respond to and recover from the impacts of bushfires and structure fires

Themes

Through the planning process the Fire Management Planning Committee has established two focused themes across Bushfires and Structure Fires:

- Prevention objectives and outcomes
- Preparedness objectives and outcomes

Under each theme sits an overarching goal and multiple actions.

These actions are further explored in the Fire Management Committee's Fire Management Action Plan, see Appendix 4, which is maintained and updated regularly.

Theme 1: Prevention

Goal:

Activities and measures to avoid existing and new bushfires and structure fires risks

The goal of prevention is to educate the public on the precautions which should be taken to prevent potentially harmful fires and how to survive these fires if they do occur. It is a proactive method of preventing fire-based emergencies and reducing the damage caused by them.

Drivers for Action:

- 1. Understanding that Bushfire and Structure Fire risks are increasing and more intense.
- 2. Essential services are interconnected to drive cohesive fire prevention activities
- 3. People and assets are more exposed and vulnerable
- 4. Fire impacts have long term impacts and are complex

Actions:

- 1. Clear risk measurements and strategies to reduce those risks
- 2. Invest more funding and resources into prevention activities
- 3. Joint planning with a focus on people and assets

Theme 2: Preparedness

Goal:

Use our fire and support agencies local knowledge and capacity to anticipate, respond to and recover from the impacts of bushfires and structure fires.

Preparedness objectives aim to build the capacities needed to efficiently manage fire emergencies and achieve orderly transitions from response to recovery. Preparedness is based on good linkages with early warning systems, and includes such activities as contingency planning, the stockpiling of equipment and supplies, the development of arrangements for coordination, evacuation, and public information and associated training and field exercises.

Drivers for Action:

- 1. Shared and defined responsibilities in preparedness activities
- 2. Culture change of Bushfire and Structure Fire risk reduction activities
- Integrate preparedness activities across all stakeholders,

4. Inclusive preparedness engagement to drive effective solutions

Actions:

- 1. We continually improve to advance practices and share our lessons, data and knowledge widely
- 2. Our data and information inform implementation of planning and execution
- 3. All our commitment is required at all levels and in all sectors to effectively reduce fire risk

The meeting themes are designed to frame each meeting and to give agencies time to plan and prepare information for committee. This will inform the correspondence to the MEMPC's.

MEETING	THEME
1 of 3	Agencies future planning
2 of 3	Agencies reporting on the delivered actions of previous 12 months
3 of 3	Agencies updating parts of the fire management plan and actions assessment



Part 1

Context and Fire Risk

Environmental Scan

The environmental scan has been completed by the three MEMPC's via risk assessment processes conducted by them.

The CFA has rated Structure Fire risk in alpine areas as VERY HIGH. The table was completed under the CERA process, whereas CFA risk assessment was completed internally.

*CFA have included the Dinner Plain township in the Structure Fires risk reduction activities. This is due to the level of risk in alpine resorts and villages.

The CERA process confirmed the following risk assessments that form the foundation of this plan.

Municipality	Bushfire	Structure Fire	Date of Assessments	
Alpine Shire Council	HIGH	*N/A	2024	
ARV Falls Creek	HIGH	HIGH	2024	
ARV Mount Hotham	HIGH	HIGH	2024	

The following sources were used by the MEMPC's to complete the environment scan. We will not be duplicating any information that is already included in the three MEMP's.

- Existing Municipal Emergency Management Plans
- Existing Community Bushfire Emergency Management Plans
- Previous Municipal Fire Management Plans
- FFMV Landscape Risk Plans and Information
- Practical Ecology Reports (Falls Creek, Mount Hotham, and Dinner Plain)
- Victoria Fire Risk Register Bushfire



Principles, Responsibilities, Demography and History

The NAFMP objective is to provide a unified setting for partnerships in considering and evaluating risk-based fire management actions.

Guiding Principles

- Drive improved public value by working as one
- · Maximise utilisation of data-driven decision making
- Embrace continuous improvement, innovation, and research
- Enhance partnerships and shared responsibilities
- Commitment to leadership at all levels

Fire Management Responsibilities

Fire management responsibility within the three municipalities may be defined in the following three categories:

Agencies

Response Agencies, Municipal Councils, Alpine Resorts, Regulatory and Service Providers information is included in the State Emergency Management Plan (SEMP) and the individual MEMP's.

https://www.emv.vic.gov.au/responsibilities/semp/roles-and-responsibilities

Community

Land managers, the community and individuals all have a responsibility to maintain their properties and to conduct their activities in a responsible manner with respect to fire management. The effectiveness of the FMP relies heavily upon the community understanding and accepting their responsibilities and acting accordingly.

While specific treatments cannot be attributed to private individuals and organisations, within the FMP does have an expectation that members of the community will where appropriate:

- · Prepare and plan for fires, both bushfire and structural fires
- Prepare their properties for fire events
- Ensure adequate access and water for firefighting appliances (including fire hydrants)
- Maintain an awareness of fire danger levels and listen for alerts and warnings

Traditional Owners

Across the vast landscape that this plan covers. There is a significant area where traditional owners have not been formally recognised that covers the FMP area. For areas west of the Ovens River, the Taungurung People are formally recognised as the traditional owners. The Gunaikurnai People are formally recognised as the traditional owners south of Mt Hotham Resort. Those traditional owners have responsibilities relating to the management of Aboriginal Cultural Heritage under the *Aboriginal Heritage Act* 2006. These responsibilities include evaluating Cultural Heritage Management Plans, provide advice to applications for Cultural Heritage Permits and make decisions on Cultural heritage Agreements and offer advice or applications for Protection Declarations.

For further information about RAPs and their contact details see:

https://www.vic.gov.au/aboriginalvictoria/heritage/registered-aboriginal-parties.html

Demography

This information is held in the three (3) individual Municipal Emergency Management Plans. Refer to the links for these plans in Appendix 3 – Supporting Material

Trends related to fire risk within the area of interest broadly encompass changing climate, the frequency of extreme weather events, increased consequences of urban and peri-urban development including changing demographics and diversity, as well as the change in working habits and locations.

History

Bushfires

The recent history of bushfires (2003 onwards) is well documented for the plan's area of concern. Detailed information can be found in respective MEMP's.

However local knowledge and history shows that we will continue to face bushfires in varying size and complexity repeatedly. It is the continued blending of the natural environment and the built environment that will drive fire risk reduction in prevention and preparedness.

Structure Fires

The history of structures fires within the area of interest varies, depending on several factors. However, the risk of serious injuries or fatalities to people trapped in a structure fire is high.

This information is held in the three (3) individual Municipal Emergency Management Plans. Refer to the links for these plans in Appendix 3 – Supporting Material

Insights into Assessed High Fire Risks

Hazard	Bushfires
Description	Bushfires will occur within the area of concern through the defined summer period. Ignition can occur from several sources, however most common causes are Lightning, Arson (Malicious), Burn off escape and machinery/equipment failure or mechanical issues. Given the nature of the area of concern and its topography the area is prone to fast running grassfires in the open plains and valley floors and bushfires in the hilly country due to the vast agriculture and forest areas. Forest species include introduced (intentional and unintentional) and natives.
	Recent Fire History (30 years) indicates that large Bushfires do occur in the area. If history is a good indicator for the future large bushfires will occur in the future. Recent large Bushfires have occurred around most settlements of the area in 2003, 2006, 2009 (Black Saturday), 2013 and 2019/20 (Black Summer). Large Bushfires in the area will impact on community, infrastructure, and tourism sectors when they occur.
Consequences	Consequences of bushfires are also potentially significant and varied including: Human (loss of life, serious injury, respiratory impacts) Environmental impacts (loss of vegetation, biodiversity, cultural values) Built form (damage to onsite and neighbouring property and infrastructure) Economic (business interruptions, loss of tourism, assets and livestock)
Relevant agencies	 Forest Fire Management Victoria (FFMVic) Parks Victoria Country Fire Authority (CFA) Victoria Police Alpine Shire Council ARV Falls Creek Alpine Resort ARV Mt Hotham Alpine Resort

What is being done

Bushfire mitigation strategies, controls and assessments include:

- Bushfire Management Strategy 2020
- Victorian Fire Risk Register
- Land use planning controls:
- Bushfire Management Overlay
- Bushfire Risk Engagement Areas

Programs and plans include:

- Community Safety Education programs
- Joint Fuel Management Program
- Roadside fuel management
- Safer Together Programs
- Fire Infrastructure Grant Scheme
- Total Fire Ban and Fire Danger Period requirements
- Agency operational plans
- Evacuation and Traffic Management guidelines
- Advertising campaigns

What community members can do

Community members have a shared responsibility in before during and after emergencies

- understand their risk
- plan and prepare to prevent or lessen the impact of fire
- make better decisions in the event of a fire.

A well thought out bushfire survival plan can help if you live or holiday in highrisk bushfire areas of Victoria.

Know what to do if a fire starts.

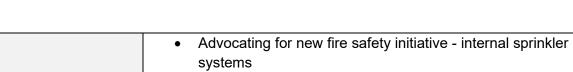
- Monitor conditions outside. Make sure you're connected to all emergency information sources
- Follow all directions from emergency services
- Act early, even if you haven't received a warning. Plan to leave high risk bushfire areas early on high fire danger days

Prepare through the <u>Bushfire Preparedness Program</u> available for residents in high-risk bush or grass fire areas. These are designed to help you:

- 1. Plan for a range of scenarios
- 2. Make informed decisions when it counts
- 3. Maintain a fire smart house and garden
- 4. Work together with your community to reduce everyone's bushfire risk

Further information on how to prepare for bushfires www.cfa.vic.gov.au

Hazard	Structure Fires		
Description	Structure fire impacting a building, asset or infrastructure that has serious loss of life or loss of critical function implications. Fires could start either internally or externally. Causes range from malfunction, deliberate, unintentional and weather. Due to many factors, it is likely to have multiple structure fires in the alpine resorts and Dinner Plain township. There is limited historical example of loss data. Expert input from the information known by subject matter experts and local knowledge proves that a structure fire event is only a matter of time away from occurring. Differences in building design, age, maintenance has significant impacts. Inspections and improvements are led by the Alpine Resorts and ASC through their property departments and municipal building surveyor. CFA is a volunteer-based response agency, therefore response can be varied and skills mix can be limited to structure firefighting / search and rescue.		
Consequences	Significant		
•	Human (loss of life, serious injury, respiratory impacts)		
	Built form (damage to onsite and neighbouring properties and		
	infrastructure) Economic (business interruptions, loss of tourism and assets)		
Relevant agencies	Country Fire Authority		
	Alpine Shire Council		
	ARV Falls Creek Alpine Resort		
	ARV Mt Hotham Alpine Resort`		
What is being done	Alpine Leasing Policy / Agreement		
	ESM / MBS inspections		
	Fire & evacuation exercises		
	CFA / ARV / ASC - inspection program		
	Advocating for new fire safety systems		
	Community safety & education activities		
	Onsite training / exercises / informing		
	Fire safety courses / programs		
	Brigade structure fire pre-incident plans		
	Improving Volunteer Firefighter Capacity		
	Fire appliances / equipment		
	Onsite intervention (staff, guests etc.)		
What can be	Improving / increasing fire safety requirements in alpine leasing		
improved on	policy / procedures and signed agreements		
	Additional and more detailed ESM / MBS inspections meeting		
	standards and leasing requirements		
	More detailed CFA Commander / ARV & ASC MBS / CFA FSO		
	fire safety inspections on a rolling program		



- Additional community safety & education in prevention and preparedness
- Improving onsite training / exercising / informing on fire and evacuation requirements
- Provide fire safety skills sessions
- Electronic device and software for brigade structure fire preplans



Part 2

Northern Alpine Fire Management Planning

Northern Alpine Fire Management Planning Committee

In 2018 the Emergency Management Legislation Amendment Act amended the Emergency Management Act 2013 (EM Act 2013) to provide greater cohesion through new integrated arrangements for emergency management planning in Victoria at the state, regional and municipal levels.

The principal focus of the amendments is on efficiency and effectiveness, interoperability and integration, the local needs of communities, promoting community resilience and the importance of collaborative emergency management planning.

Section 59 of the Emergency Management Act 2013 provides the authority under which Municipal Emergency Management Planning Committees (MEMPC) operate as a multi-agency collaboration whose members bring organisation, industry and personal expertise to the task of emergency management planning.

Under this legislation, municipal fire management planning committees are sub-committees of the respective municipal emergency management planning committee. The MFMPC informs the MEMPC of emerging risks and changes in the municipality that may require attention. Municipal Fire Management Planning Committee members work together to achieve a consistent, effective risk-based approach for fire management planning.

Committee membership

- Country Fire Authority
- Forest Fire Management Victoria inclusive of DEECA which includes Parks Vic
- Alpine Shire Council
- Alpine Resorts Victoria Falls Creek
- Alpine Resorts Victoria Mount Hotham
- Vail Resorts Australia
 - Mt Hotham
 - o Falls Creek
- HVP Plantations
- Victoria Police

The role of the Committee

The NAFMPC has two key roles:

- 1. Prevention
 - a. Activities and measures to avoid existing and new bushfires and structure fires risks
- 2. Preparedness
 - a. The knowledge and capacity to anticipate, respond to and recover from the impacts of bushfires and structure fires

The Municipal Fire Management Planning Committee works within an integrated State, Regional and Municipal Planning structure.

Community and Fire Planning

There is a limit to the capacity of agencies and our planning to effectively mitigate all risk. It is important that everyone who lives, works, and visits the area considers the risks and works to build resilience at the individual, family, business, neighbourhood, and community level, understanding that managing the risk of fire is a shared responsibility.

More resilient communities:

- Are mindful of the risks that may impact them and their vulnerabilities
- Use their abilities, experience, and resources to prepare for, and manage the consequences of emergencies; and
- Work together to support each other and emergency service organisations before, during and after emergencies

The NAFMPC and its member agencies have a role to play in supporting communities to build knowledge, capability, capacity and ultimately resilience. Victoria's emergency management planning arrangements allow communities to undertake their own localised planning and connect their plans into Victoria's emergency management planning framework.

Engagement outside of the committee will be managed through two distinct streams. The NAFMPC does not want to become another route of engagement and communications. It is best practice to keep it as streamlined as possible.

- Firstly, via the three MEMPC's, through their engagement and communications channels as part of their processes for emergency management planning
- Secondary Via the fire and support agencies, though their own communications and engagement teams, channels, mediums, and processes

Local knowledge is a key to the committee's success. Knowledge of fire history, emergency management, fire safety, environment, and public safety within the NAFMP's area of responsibility comes from the committee's membership. The requirement to have a mix of local knowledge in areas of strategic, operational, and tactical levels will ensure this plans success.

Plan Development Process

The plan has been developed in consultation with the committee representatives over the course of 12 months. As part of the development, the committee has reviewed and sought to align with existing legislation, frameworks and procedures including the:

- Guidelines for preparing State, Regional and Municipal Emergency Management Plans
- Guidance to Regional and Municipal Fire Management Planning Committees
- Victorian Preparedness Framework
- Community Resilience Framework for Emergency Management
- Assurance Framework for Emergency Management
- National Emergency Risk Management Guidelines
- Community Emergency Risk Assessment (CERA)

Risk Assessment Process

The NAFMPC utilised existing committee members and local knowledge to understand the relevant fire risks within the plans area of concern. The NAFMPC used the three MEMPC's latest CERA documentation of bushfire and structure fire risks to develop this plan. The three MEMPC used a risk assessment process consistent with ISO31000.

Plan Assurance and Approval

Under the planning arrangements, the three MEMPC's are responsible for assuring any of its sub-plans, of which this plan is one.

This plan has been prepared in accordance with the EM Act 2013 and State Fire Management Planning Guidance to Regional and Municipal Fire Management Planning Committees.

A Statement of Assurance (Appendix 1) has been prepared and submitted to the Hume Region Emergency Management Planning Committee (REMPC) for plan approval. This Plan comes into effect when it is published and remains in effect until superseded by an approved and published update.

To ensure the Fire Management Plan provides for a current integrated, coordinated, and comprehensive approach to effective fire management planning, it is to be reviewed at least every three years.

Agency Annual Reporting

Agencies responsible for prevention or preparedness action(s) must report to the committee once a year at the MAY (2/3) meeting. The report must contain what actions were completed in the previous 12 months. The report must be written so that it can be tabled, and the committee can assess all the actions as a collective approach to risk reduction.

Meeting Frequency

The intent is for the committee to try and meet before the MEMPC's, however that is unlikely to work considering the differences in dates. The committee will endeavour to have its work completed ahead of the final MEMPC's calendar year. The aim is to meet in the second week of each of the three nominated months.

NAFMPC	ASC MEMPC	FCAR MEMPC	MHAR MEMPC
MARCH	April	February	February
MAY	August	May	May
SEPTEMBER	November	October	October

Other documents that support this plan

There are several plans that support or complement this plan. These plans are not generally online or publicly available.

Alpine Resorts Victoria

- Alpine Resorts Victoria Municipal Emergency Management Plan
- Falls Creek Municipal Fire Management Plan
 - o Falls Creek Village Fire Preparation Plan in development to replace above plan
- Mt Hotham Vegetation Management Plan

Alpine Shire Council

Alpine Shire Municipal Emergency Management Plan

Vail Resorts Australia

- Falls Creek Bushfire Emergency Plan
- Mt Hotham Bushfire Emergency Plan

Emergency Management Victoria

- State Emergency Management Sub-Plan Bushfire
- State Emergency Management Priorities
- Emergency Management Planning
- Hume Region Fire Management Plan

National Emergency Management Agency

- National Strategy for Disaster Resilience
- National Disaster Risk Reduction Framework

Department of Transport and Planning

- VicRoads Roadside Management Strategy 2011
- Road Bushfire Risk Assessment Guideline and Risk Mapping Methodology 2013

Department Energy, Environment and Climate Action

 Hume Bushfire Management Strategy 2020 - Fuel Management Bushfire Risk Engagement Areas (Safer Together)

Monitoring, evaluation, and review process

This Plan will be reviewed every three years to ensure it is current, integrated, coordinated and comprehensive.

The Action Plan will be periodically updated to reflect the current status of identified risks as well as to reflect emerging risks and any strategies required to address them.

As well as having a standing agenda item at municipal fire management planning meetings, the Committee will periodically report to the Municipal Emergency Management Planning Committee on the Actions, and the Tasks identified against them.

Suggested information source for more:				
Lessons management framework (EM- LEARN)	Emergency Management Victoria	https://www.emv.vic.gov.au/how-we- help/reviews- and-lessons- management/lessons-management- framework-em-learn		



Appendices

Appendix 1 - Statement of Assurance

Appendix 2 - Acronyms

This section contains acronyms that are used throughout this plan.

AGL Australian Gas Limited (Hydro Assets)

ARV Alpine Resorts Victoria

ASC Alpine Shire Council

BMO Bushfire Management Overlay

CERA Community Emergency Risk Assessment

CFA Country Fire Authority

CIG Community Information Guides

DTP Department of Transport and Planning

EMV Emergency Management Victoria

ESM Essential Safety Measures

FIGS Fire Infrastructure Grants Schemes

FFMV Forest Fire Management Victoria

FH Fire Hydrant

FSO Fire Safety Officers

HVP Hancock Victoria Plantations Holdings

LGA Local Government Area

MBS Municipal Building Surveyor

MEMP Municipal Emergency Management Plan

MEMPC Municipal Emergency Management Planning Committee

NAFMP Northern Alpine Fire Management Plan

NAFMPC Northern Alpine Fire Management Planning Committee

RAP Registered Aboriginal Parties

REAP Resilience Emergency Action Planning

VBA Victorian Building Authority

VFRR-B Victoria Fire Risk Register - Bushfire

Appendix 3 - Supporting Material

Support material	Author	Location/link
Alpine Shire Council Municipal Emergency Management Plan	ASC	https://url.au.m.mimecastprotect.com/s/eAbjCwV1M6i097NZSVfmTJ5 o1?domain=alpineshire.vic.gov.au
Alpine Resort Victoria Municipal Emergency Management Plan	ARV	https://www.alpineresorts.vic.gov.au/ data/assets/pdf_file/0023/729 050/ARV-Municipal-Emergency-Management-Plan-2024-27.pdf
Joint Fuel Management Program	FFMV CFA	https://www.ffm.vic.gov.au/bushfire-fuel-and-risk- management/joint-fuel-management-program
CFA Planned Burns Information	CFA	https://www.cfa.vic.gov.au/about-us/what-we-do/planned-burns
HVP Plantations Fire Management	HVP	https://www.hvp.com.au/hvp-forest-management/hvp-fire-management/
ARV Falls Creek Community Bushfire Emergency Management Plan	ARV FC	Currently included in the ARV Falls Creek Municipal Emergency Management Plan CBEMP to reviewed with option to re- establish and create consistency
ARV Mount Hotham Community Bushfire Emergency Management Plan	ARV MH	https://rmb.mthotham.com.au/Portals/1/Documents/Our-Services/Emergency/V 1.3 Mount Hotham Community BEMP Final.pdf
Community Information Guides	CFA	No longer updated, due to change in government policy
Road Bushfire Risk Assessment Guidelines and Risk Mapping Methodology	Dept of Transport and Planning	https://www.vicroads.vic.gov.au/-/media/files/technical- documents-new/bushfire-risk-assessment-guidelines/road- bushfire-risk-assessment-guidelines-and-risk-mapping- methodology.ashx
Roadside management – A Balanced Approach VicRoad's Roadside Management Strategy 2011	Dept of Transport and Planning	https://www.vicroads.vic.gov.au/-/media/files/documents/planning-and-projects/environment/roadsidemanagementstrategyfinalweb.ashx
Hume Bushfire Management Strategy 2020	FFMV	https://bushfireplanning.ffm.vic.gov.au/hume/

Appendix 4 – Action Plan

Strategies for Action

These strategies have modified from the Natural Disaster Risk Reduction Framework to target fire risk reduction strategies for action.

- Improve public awareness of, and engagement on, fire risks and impacts
 - Greater awareness of the potential long-term and highly uncertain direct and indirect impacts of fires on all sectors. Requires formal and informal education and community-driven engagement
- Identify and address data and information gaps
 - New or updated data sets and information relating to all components of fire risk should be collated to contribute to a more comprehensive understanding of fire risk.
- Address technical barriers to data and information sharing and availability
 - Technological advancements, including smart infrastructure, should be leveraged to create improved fire risk information
- Integrate plausible future scenarios into planning
 - Scenario-based risk and vulnerability assessment can provide a structured and rigorous method to factor future bushfire and structure fire risks into decision making, in the context of a variety of social, environmental, demographic, and economic changes. It is designed to inform both straightforward and complex decisions, including management of residual risk, and is a useful method for navigating future uncertainties
- Develop cohesive fire risk information access and communication capabilities to deliver actionable fire risk data and information
 - Existing knowledge and technological capabilities can be better utilised and connected, and existing data better analysed and integrated with future scenarios, to improve the availability of useful fire risk information. Useful fire risk information should improve understanding of the systemic nature of fire risk, consider interactions between all components of fire risk, and inform management of residual risk. Links between policy, research, operational expertise, and formal education should be strengthened to support and contribute to these capabilities
- Support long-term and solution-driven research, innovation and knowledge practices, and fire risk education
 - Greater connection and innovation are needed to ensure necessary evidence bases are available to inform efforts to identify, prioritise and reduce fire risks. A greater variety of knowledge practices should also be better integrated in research and knowledge application
- Improve disclosure of fire risk to all stakeholders
 - Information about fire risks and their implications should be disclosed to better enable all sectors to reduce risks within their control. This should include information about residual fire risk

Actions Required

Activity		Status
Roadside Fire Strategy	Fuel Reduced Corridors, designated locations, standards and maintenance requirements	To be started
Road Classification document	Priority Access Roads Fire Access Roads	To be started
VFRR Bushfire Data Update	Review of data, and update. Establish time frame for further updates and or review.	Currently being updated
Alpine Shire Water Points	Evaluate each point. Establish guidelines and approval. Develop standards for access and maintenance. Allocate responsibility for maintenance.	To be started

Prevention Activities - Bushfire

Activities			Area of Concern			
Type of activity	Outcomes	Interactions / Engagement	Agency Responsible	ASC "DP"	FCAR	MHAR
Electric Line Clearance	As required by Energy Safe Victoria's electrical line clearance guidelines	Annual program	ASC AusNet AGL	X		X
Roadside Fuel Management	Management of fuel on roads based on road and classification ratings	Yearly planning process and regular meetings with ASC, FFMV staff and RRV	ASC FFMV RRV	X	Pretty Valley Rd & Road 24 and McKay Road	
Joint Fuel Management Program	State-wide program that manages fuel on public and private land over a rolling three years. The program integrates a risk-focused bushfire management approach.	Yearly planning process and regular meetings with CFA and FFMV staff.	FFMV and CFA	X		X
Alpine Property Advice Service	Vegetation and Building assessment focus for alpine buildings to reduce fire risk	Proactive inspection program for buildings the alpine villages	CFA	Х	Х	Х
Plantation Fire Protection Measures & Fuel Management	Clear accessible network of roads, tracks, and firebreaks, throughout the plantation estate using a variety of measures including slashing, mulching and spraying Signed, accessible waterpoint network throughout the HVP estate	Annual Program	HVP	X		
FIGS Funding	Funding through CFA to support local	Annual Program	CFA	Х	Х	Х

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	government and resorts					
	in fire access projects					
Safer Together Funding	Funding from state	Ongoing		V	V	V
	government based	government	ALL	X	X	Х
	around fire management	program				
Alpine Bushfire Risk Management Project	Funded project to inform ASC on specific bushfire risk to properties and infrastructure in the alpine resorts and villages	Has developed a base document and framework for future work in bushfire risk mitigation	ASC FCAR MHAR	х	х	Х
Fire Hydrant (FH) and Stand Pipes Maintenance	FH maintenance and flow testing to the Australian standards and agency requirements.	Ongoing program that is proactive and reactive	ASC FCAR MHAR	X	X	X
Water Point (WP) Maintenance	WP maintained in accordance with waterways and landowners	Ongoing program that is proactive and reactive	FFMV HPV	Х	Х	Х
First 72 Hours	Individual's, householders, and communities to be prepared for an emergency event	Running events through community organisations, groups and businesses. An annual event to promote, encourage and record annual planning and updating.	Alpine Shire Council	X		
Victoria Fire Risk Register - Bushfire (VFRR-B)	Identifies and maps assets at risk of bushfire including human settlement, cultural heritage, economic and environmental	Once a year updates	ALL	х	х	Х

Prevention Activities – Structure Fire

Activities				Area of Concern		
Type of activity	Outcomes	Interactions / Engagement	Agency Responsible	ASC "DP"	FCAR	MHAR
Municipal Building Surveyor Inspections	Advice on additions or renovations to alpine accommodation buildings to ensure Building Standards are adhered to for safer accommodation	Ad-hoc or when requested	ASC FCAR MHAR	X	X	X
Fire Safety Inspections	FSO (FRV employed) completing inspections for fire safety, essential safety measures	Ad-hoc or when requested	CFA	x	X	х
Essential Safety Measures Compliance	CFA Winter Commanders / Community Safety conducting inspections to assist with compliance	Approx. 25 inspections per resort per year to complete most buildings at least once every 5 years	FCAR MHAR		Х	х
Dangerous Goods Inspections	CFA areas, but inspections completed by FRV to address DG issues and items	Conducted by CFA and FRV staff on a as needs basis	CFA	х	Х	х
Building Standards Occupancy Guidelines	Standard approach to building occupancy guidelines across the resorts	Action to have a standard approach for use all year round	ARV		X	X
Dinner Plain Planning Scheme	Leading and managing the implementation of the specific DP planning scheme	In place planning scheme for DP township	ASC	Х		
Community Bushfire Emergency Management Plan	The plan gives practical effect to the modified standards of the schedule to the BMO	It instigates the development of individual BMPs for accommodation, lodges, and businesses	ARV FCAR MHAR		X	X

Preparedness Activities – Bushfire

Activities			Area of Concern			
Type of activity	Outcomes	Interactions / Engagement	Agency Responsible	ASC	FCAR	MHAR
Bushfire Place of Last Resort (also known as Neighbourhood Safer Places)	May provide some protection from direct flame and heat from a fire, but they do not guarantee safety	Signage for BPLR	ASC CFA	Х		х
Fire Safety Day – Dinner Plain	Annual community and agencies safety day to engage on summer season bushfire items and actions	CFA community safety team and Alpine Service Delivery Team involved	ASC CFA	х		
REAP Day	REAP Day is a valuable day as it highlights the importance of preparing for natural disasters and encourages children to be active participants in the planning process to alleviate stress and build confidence.	Primary school students in Grades 4 – 6 to come together with local emergency service agencies to build knowledge, skills, and capacity to act in times of emergency.	ASC	X		
Local Response Plans	Produced from the local brigade, group, CFA district, other emergency services and the municipality to enhance initial bushfire operational planning, preparedness, and response.	Local Response Plans are about to be replaced. Waiting on reformat, procedure and location to store	CFA	X	X	x

Preparedness Activities – Structure Fire

Activities				Area of Concern			
Type of activity	Outcomes	Interactions / Engagement	Agency Responsible	ASC	FCAR	MHAR	
Fire Safety Skills and Warden Information Session	Building managers and owners session to convey the importance of fire safety and firefighting and warden roles	Annual session conducted at each resort and village (4 per season) that covers very important fire safety and warden skills. This is a free service provided by CFA to ARV and ASC	CFA	X	X	X	
Adopt a fire hydrant program	Program for buildings that have a FH near their premises to keep it clear of snow to allow for easy access by CFA	Targeted during winter operations	CFA	Х	х	Х	
TEST Program	Test Essential Safety Tuesday, program for building owners and managers to test their safety measure on a Tuesday as a rolling program	Year round program, usually targeted during winter operations	CFA	Х	X	Х	
Structural Fire Pre-Incident Plans	Individual site and buildings plans to provide information firefighting operations and to protect life and property	Year round program, usually targeted during winter operations	CFA	Х	Х	х	
The Loop	Community driven amplification service via community for community						

Alpine Resilience Partnership	Committee for sharing agency information to other agencies and key community groups			
Mt Hotham	Preparedness			
Chamber of	communications for			
Commerce	businesses.			