Alpine Resorts

PLANNING for PROTECTION
- 3.9 million Visitor days across NSW & Vic resorts
- Expenditure in All Resorts
  - $906 Million Direct Costs (gross) – tourist expenses
  - $82 Million Net Annual Investment
- Total Employment Opportunities
  - Vic & NSW 9600

(NiHR figures 2005)
- **Regional Impact**
  - Snowy River Shire: $290 million (3264 emp opp)
  - Tumut Shire: $28 million (1375 emp opp)
  - Alpine Shire: $106 million (1375 emp opp)
  - Mansfield/Eldorado: $49 million (355 emp opp)
  - Murrindindi: $7.3 million (127 emp opp)
  - Baw Baw: $7 million (94 emp opp)

*Figure adapted from 'The Economic Significance of the Australian Alpine Region, June 2004' by ANHEB.*
About Alpine resorts

- Governance
  - Legislative Framework/Authority
    - Development/Environment/Audit
- Financial contribution to the Community
  - National/State/Local
- Recreational Icons
- Heritage Values
Land manager/Body

- Land management Responsibilities
- Asset Managers
- Infrastructure managers
- Emergency management partners
- Public Safety Risk Accountability
Land Management
Fire Risk Perspective

- **Winter**
  - Structural Focus
  - High Life Risk Environment

- **Summer**
  - Bushfire Focus
  - High Asset Risk Environment
Fire Risk Structure
Fire Risk Bushfire
Bushfire Vulnerability

- Life risk
  - Location and preparedness
- Asset Risk
  - Type
  - Location
  - Resiliency
Vulnerability

- Asset Type
- Vulnerability
- Location

[Images of different locations and infrastructure]
Ability to Defend - Strategic

- Landscape Scale
  - Type of location of resort
    - Hill top/Ridge Top
    - Basin/Valley
  - Slope
  - Vegetation
    - Type / Continuity
Landscape Risk

- Location within the Landscape
- Ridge or Escarpment Resort
- Valley / Basin Resort
- Slope & Vegetation
Ability to Defend - Streetscape

- Site Specific Asset/s
  - Asset Type
  - Vegetation & Proximity
  - Slope
  - Built Type
Ability to Defend - Streetscape
Treatments - Reactive

- Fire break construction
- Burning Activity
- Individual property protection
- Chemical fire breaks/protection
- Active defence by response Agencies
Treatments Reactive
Pro Active Treatments

- Emergency management Planning
  - Treatments integrated across all agencies / Partners
  - Treatments across all spectrums of emergency management based upon identified risk
  - Treatments in depth
Emergency management Plans
- Integrated across land tenure
- Integrated within Cost and legislative processes
- Based upon agreed risk
Emerging Issues

- Flammability of Alpine vegetation Systems
  - Some burn readily
  - Some exhibit lower flammability

- Building Protection
  - Building Design Versus Building Vulnerability

- Vegetation management
  - Building location & type Versus Vegetation Clearance
Emerging Issues

- Accountability of Alpine Resort Stakeholders
  - Alpine Resorts Carry land Management Status
    - Passive/Active Roles across EM/Public Safety
  - Planning Regulators and Managers
  - Emergency Management Agencies
  - Investment Bodies and land developers
  - Culture v Risk Acceptability v Recreational Pursuit
Summary

- Resorts Play an important part in our society
- Resorts can be at High levels of Vulnerability from Bushfire
- Integrated approach to Emergency management is Essential
  - Built, Planning, Environmental, Development, Emergency Agency Groups; need a common platform of risk to guide them
- Development of Knowledge Base