

National Bushfire Intelligence Capability (NBIC)



Our mission

Our mission is to support agencies in their efforts to help the community adapt to future bushfire events while minimising environmental & social impacts.

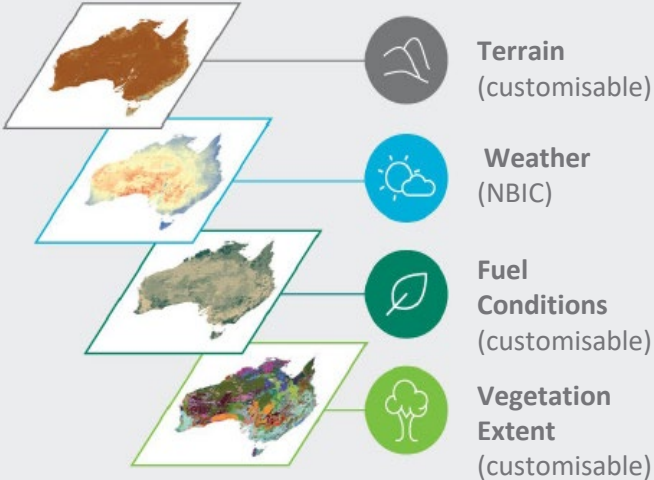
We want to create bushfire hazard data and tools that make it easier for agencies to focus on their priorities and decision-making responsibilities.

This includes reducing the hazard from fires as well as supporting recovery after a bushfire.

National Bushfire Intelligence Capability process explained

The process...

1 Provide your own Vegetation or Terrain data, or use NBIC created data



2 Choose from 7 Global Climate Models (GCM)

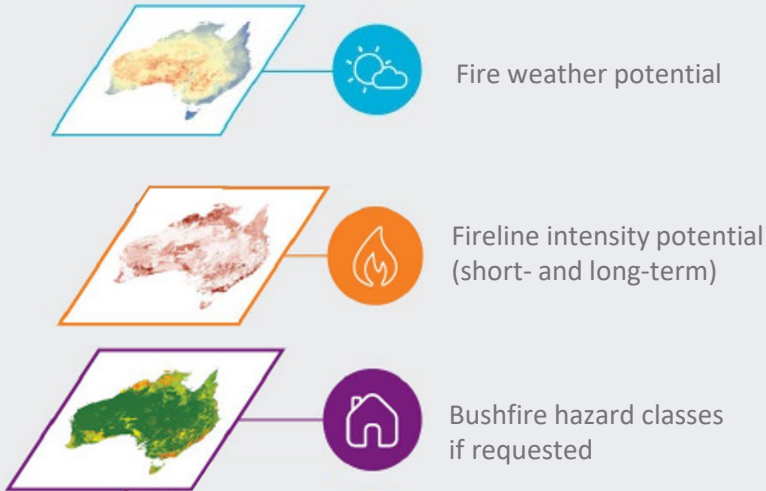


OR Choose from 4 Global Warming Levels (GWL)*



*GWL is a future option that is under investigation but not yet available

3 NBIC provides your requested customised bushfire data



NBIC's Stage 1 data and capability is currently being used

Public

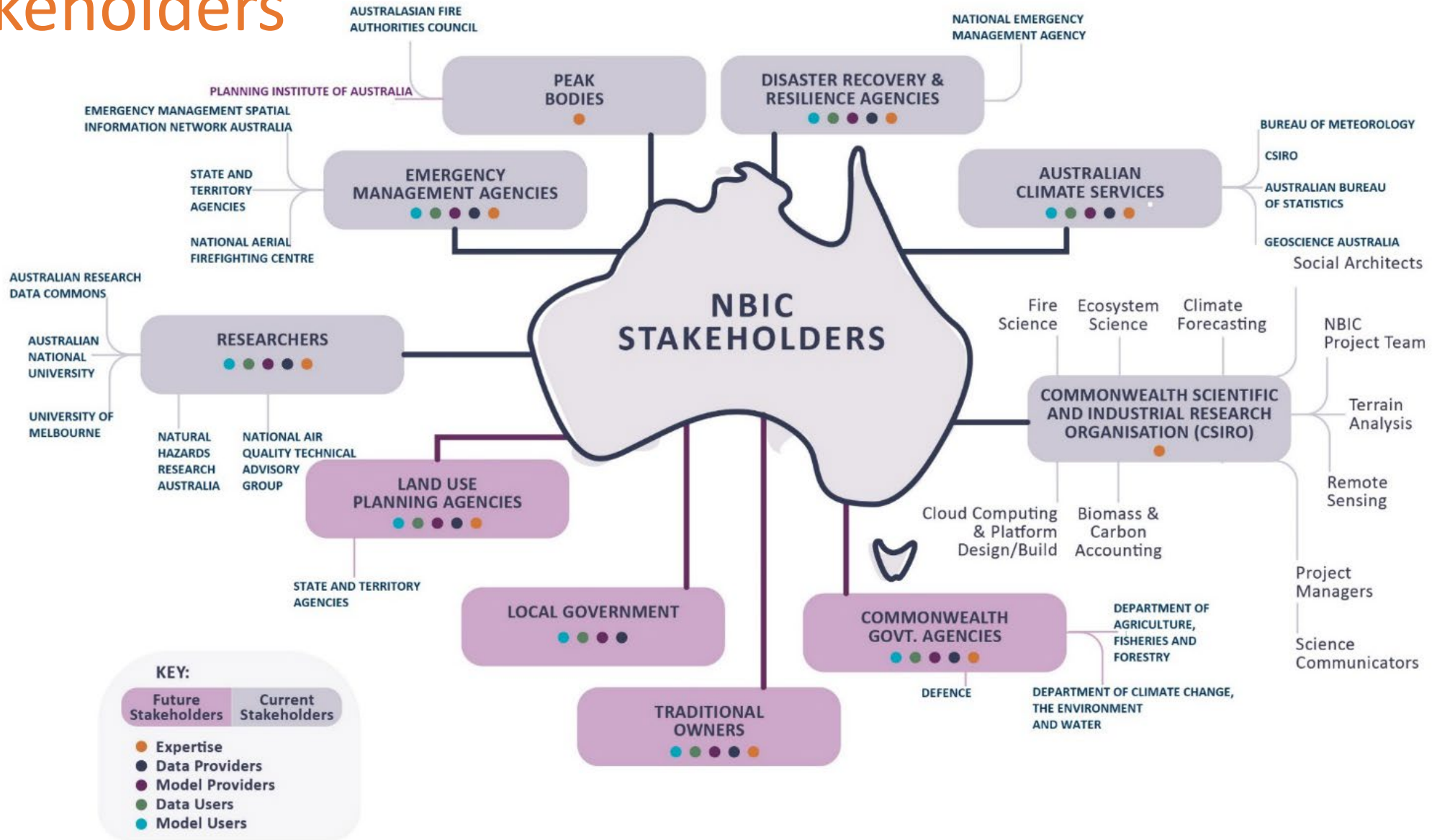
- Queensland Fire and Emergency Services – land use planning
- Victorian Department of Education – risk to facilities and closure triggers
- National Emergency Management Agency – Preparing Australia Program

Private

- Westpac (Burnt area and Fireline intensity)
- Suncorp (Burnt area and Fireline intensity)
- Optus (National coverage of local hazard potential)
- AON Re (Data to inform loss potential estimates)



Stakeholders



Thank you

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<https://research.csiro.au/nbic/>

