The costs and benefits of bushfire mitigation

Integrating intangible (non-market) values in decision making

France and Australia Bushfire Science Workshop

15-17 September 2020

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# Intangible values

- > Significant
- > Rarely included in decision making

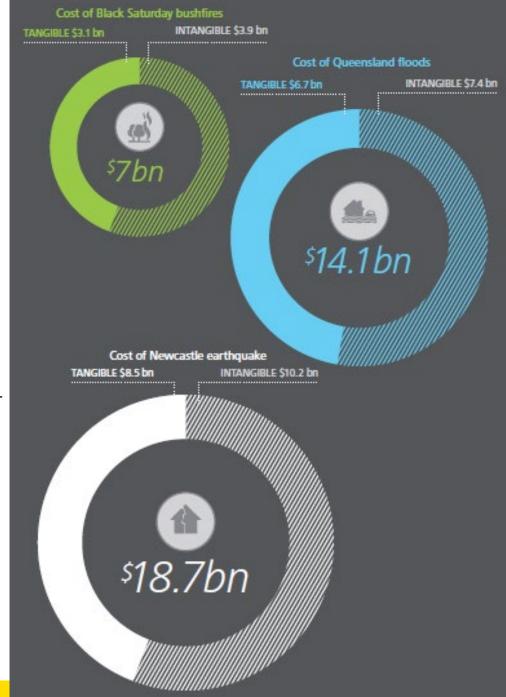




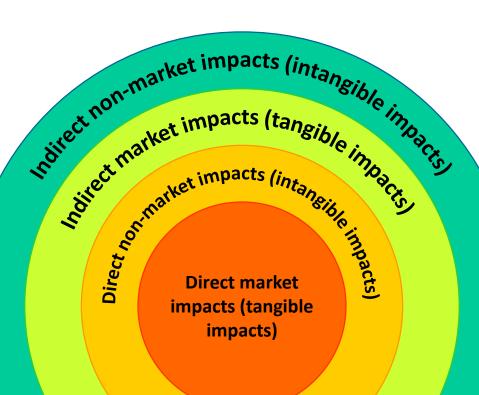




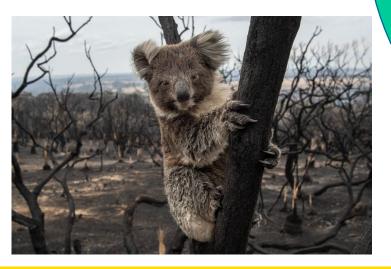
social impact of natural disasters" Access Economics 2016 Image: Deloitte













### **BUSHFIRE IMPACTS**

## DIRECT

Buildings and contents

Vehicles

Infrastructure

Livestock

Crops and pastures

Equipment

Fences

**Plantations** 

Lives lost

Injuries

Health impacts

Memorabilia

Dislocation

Environmental damage

Cultural structures

Animal welfare

Amenity

#### INDIRECT

Disruption to transport

Disruption to public services

Disruption to essential services

Disruption to production

Network disruption

**Business disruption** 

Clean-up

Alternate accommodation

Emergency and relief agencies

Legal costs associated with lawsuits

Tourism

Stress and anxiety

Disruption to living

Community cohesion and

connectedness

Erosion

# INTANGIBLE

TANGIBLE

