Natural Disaster Resilience Grants Program (NDRGP) Previous Supported Projects

Taroona Landslide Risk Assessment & Mitigation Plan

The project consists of three phases and includes a validation study, further geotechnical studies & the preparation of a long term management plan for the Taroona Landslide.

Development of combined emergency service facility at Bradys Lake, Central Highlands

The project objective is to construct a fully self-contained emergency service building facility for storage of resources (i.e vehicle and equipment) and to provide adequate meeting and training room facilities.

Development of Regional training/operational facility at SES Southern region Headquarters

Vacant building infrastructure is currently available immediately adjacent to the Regional Headquarters and is structurally sound but requires aesthetic upgrading. Project application is to upgrade the available space to a level suitable for training and operations combined.

Lower Derwent Flood Warning Upgrade Project

The project is for the installation of a real-time flood warning system consisting of a network of event-reporting rainfall and river height stations for the Lower Derwent Valley

Evacuation Plan for Glenorchy CBD and affected residential areas

This project seeks to identify an appropriate early warning system for those affected by flooding and a process for the safe evacuation of residents, commercial properties and itinerant workers in the Glenorchy CBD and surrounding areas.

St Helens SES Road Crash Rescue Station

TFS and SES have entered into an agreement for the St Helens TFS Station be extended to incorporate a new SES station including training area, stores and vehicle bay.

These extensions will provide significant improvements for SES, including: purpose built training area; double ended vehicle bay with the ability to station 2 rescue vehicles; storage; kitchen facility; toilets and shower facility.

Longford Flood Protection Training Facility

The project is to establish a permanent Temporary Flood Protection Training facility to train new staff and refresh existing staff at the Longford storage shed. Development of the training facility will include the purchase and installation of one additional complete section of the Temporary Flood Protection System.

Launceston Flood Siren

The project is for the purchase and to erect a flood siren (to be located in the northern end of Invermay). The siren will be used as an evacuation tool during times of major flooding in the suburbs. It forms one strategy (in a suite of 4 key strategies) for warning residents and businesses of the need to evacuate.

Zeehan SES Unit Relocation

The project will facilitate the relocation of the Zeehan SES Unit to a co-located premises through the construction of extensions to the existing fire station. The existing station provides vehicle bays, office, training room, kitchen and ablutions for TFS vehicles and the Volunteer Firefighters. Co-location would allow for joint sharing of training, kitchen and toilet/shower facilities.

Extensions are required to make provision for additional vehicle garaging, office and storage facilities and enhance the existing building to cater for the two separate groups within a co-located facility.

Lower Forth Flood Protection

This project will enable the Council to construct a plinth and concrete footings for the "FloodSafe Units" to be placed on. The Leith Road flood levee seal will provide protection to commercial buildings, houses and agricultural cropping land. An emergency access road will also be part of the project.

Impact of climate change on fire risk, natural hazards and policy responses in Tasmania

The work already undertaken in the Climate Futures for Tasmania project will be extended to examine changes to severe weather events likely to cause significant damage (and cost) to Tasmania. These events include increased bushfire risk (encompassing both bushfire meteorology and hazard), severe storms and flash flooding.

Such events will be investigated using a combination of established and new techniques and indices. Further work will examine changes in summer fuel loading in identified high-risk regions of Tasmania using established pasture models.

Enhancing Interoperability for the Management of Emergencies

This project seeks to build emergency coordination and crisis management capacity within the State Service. It will establish an emergency management education and training continuum as well as systems that will allow personnel from the wider State Service to assist with emergency coordination and crisis management during periods of significant operational activity and in situations where the emergency event is beyond the scope of the response management authority in terms of complexity or duration.

Tasmanian Emergency Management Spatial Information Support System (TEMSISS)

The project will scope the business needs of relevant government agencies in terms of communicating with across Government (notably emergency services) during an emergency; conduct a review of existing systems owned, managed, and maintained by relevant government agencies relating to the use of spatial information.

Resilient Emergency Management Website - Stage 1

The project will support the ongoing development of disaster resilience in Tasmania by developing options for the treatment of an identified risk (website capability & communications to the public during an emergency). The project will also increase understanding of current gaps in Tasmania's emergency management capabilities.

Implementation of a State Framework for Mitigating Natural Hazards through Land Use Planning and Building Regulation

This initiative will directly build community resilience to natural disasters through the implementation of an integrated framework that provides a vehicle for consideration of natural hazards and risks in the planning system building regulatory system.

Informing Tasmanian Councils and Residents about REDiPlan Household Emergency Preparedness

Australian Red Cross Emergency Services staff in Tasmania will provide each Local Council in Tasmania with a Starter Kit of emergency preparedness REDiPlan Booklets from Four Steps to a Prepared Household series. The Councils will make the Booklets available to local residents.

Climate Futures for Tasmania

Projection of Climate change from now to the end of 21st Century will be fundamental to evidence based land use planning decisions, building codes, development policies and communication and awareness programs. Such climate projections will aid the mitigation of the impacts of potential increased severity of natural hazards that stem from climate change. The project will cover three primary areas:

1. Sea inundation – risk assessment of future storm surges resulting in flooding of vulnerable coastal areas
2. Extreme rainfall events – modelling of future rainfall events for use in estimating flooding and landslide risk
3. Extreme wind events – higher resolution modelling to assess the risk of future extreme wind events.

Bushfire Ready Communities Tasmania

The pilot of Bushfire Ready Communities Tasmania will trial the implementation of policy and evidence-based interventions in selected communities in bushfire prone areas. These will be based on both the initial findings from the pilot of the Community Development Bushfire Preparedness project and emerging research recommendations policy and strategies.