

Submission Number: NND.001.01216
Submission Of: Shane William Mcgilvray

Your Details

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Preferred means of contact:

What is your submission based on? I am making this submission based on my personal situation

What was your personal situation in relation to the 2019-20 Bushfires? i live in perth wa

Where do you live? Penrith (C)

Your Submission

In your experience, what areas of the bushfire emergency response worked well?

as per most fires you have a problem of getting fire units to every house or area and having the units supplied with enough water. one of the most heartbreaking sights is residents fighting fires with hessian sacks and having nowhere to shelter as the fire front passes by. in this situation residents were told in advance in most cases to get out or stay.

In your experience, what areas of the bushfire emergency response didn't work well?

water storage the expected drop in mains water pressure we all know that we cant have fire units at every house or on every housing estate. as houses burn down the pipes are ruptured and water flows out uncontrolled and subsequently drops mains pressure. we need a dedicated group to move around areas with mains supply cutting and tapping the water supply to burnt houses subsequently reducing pressure losses,

In your experience, what needs to change to improve arrangements for preparation, mitigation, response and recovery coordination for national natural disaster arrangements in Australia?

20 ft containers 2nd hand ones could be converted to create a fire resource that would quickly supply 500 liters of water a method of dispersing this water and providing a fire refuge for locals and firefighter alike. i should also point out i am not a company involved with containers just an interested party who spent 15 years fighting fires in a volunteer capacity. 20 ft containers are about 2000 dollars 2nd hand so the base cost is low, you grab them

cut the doors out place two three quarter baffles in them and reset the doors back 1.8 m from the edge. water proofing agent and a bunch of pipes need to be added but i am boring with build details so i will get to the point. these containers could be shifted on tilt tray trucks or side lift container trucks and placed at farm houses along the edge of housing estates with a length of 200 meters of hose running from both sides they could be placed 400 meter apart forming a line of defense .within the 1.8 meter recess in the front of the container you would have your hatt diesel pump drippy torches 4 lengths of lay flat and a hose reel.

these items would allow both home owners to defend their property with water not bags and firefighter to use both the resource and the water, one firefighter could enlist locals and SES or police and army personal to turn the asset into an effective fire fighting device at mains pressure level or better.

best of all if you fit a fire retardant curtain to the old door edge of the container somewhat like the original 2.4 3.4 fire units you create a fire refuge for fire personal and residents. a 2nd intake valve that has to be manually activated to utilize the last 1000 liters of the tank to supply a sprinkler inside the refuge area to cool the people sheltering within.

i hope i have given a general overview of the concept and would be happy to discuss in depth if the commission wishes.

Is there anything else you would like to tell the Royal Commission?

Do you agree to your submission being published? Yes I agree to my submission being published in my name