



Fire & Rescue NSW Operational Capability

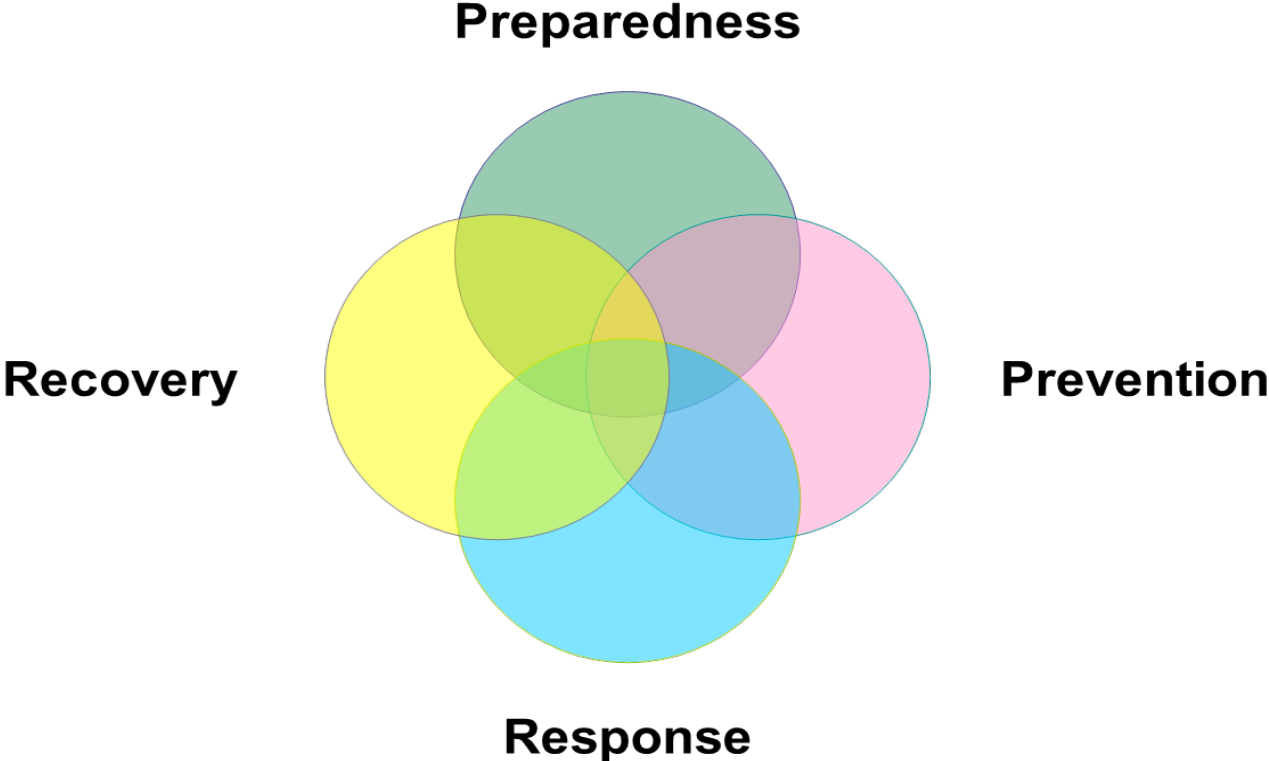
NBTA 2017 Bulk Tanker Day

Assistant Commissioner Paul McGuiggan AFSM
Metropolitan Operations FRNSW

Capability in right place, right time



Australian Emergency Management Framework - PPRR





Fire & Rescue NSW

- 4th largest urban fire service in the world

- 335 fire stations across NSW

- 650+ response vehicles

- 7,000 professional firefighters

- 6,000+ Community Fire Unit members

- 400 administrative and trades staff

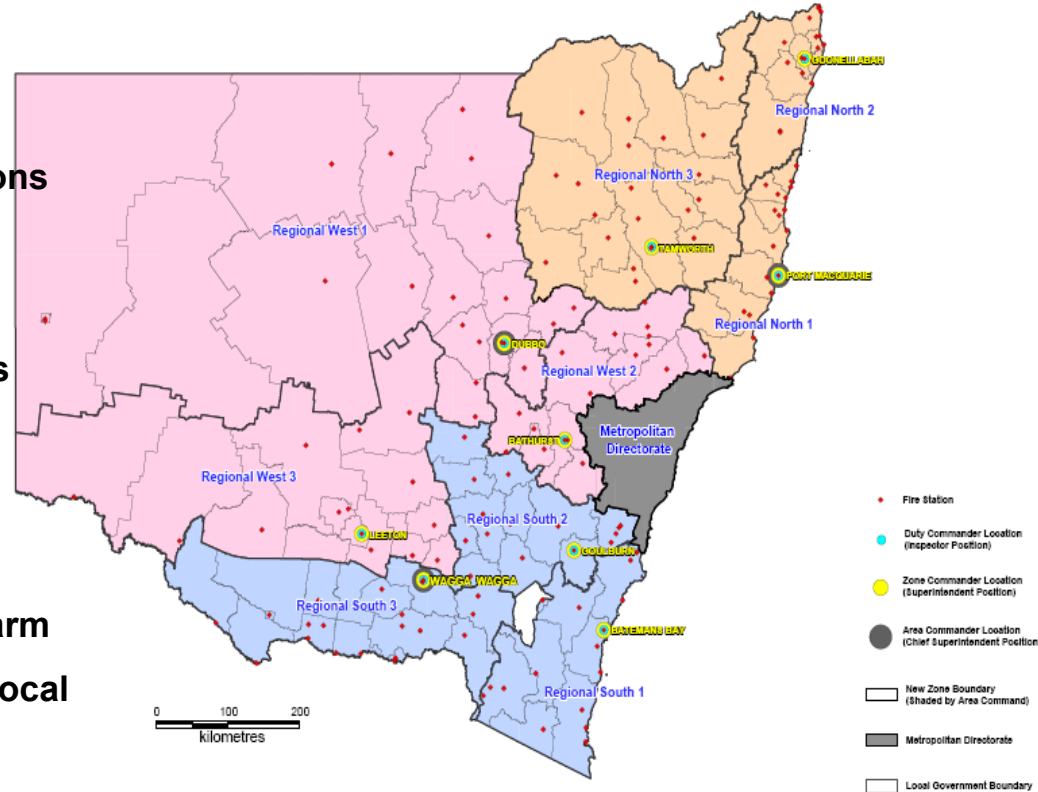
- Broad capability to support other Government and non-Government agencies at emergencies





FRNSW State Overview 2015-16

- NSW Population 7.64 million people
- 122,827 Total Emergency Incidents
- 50,542 Community Safety & Engagement Actions
- 22,042 Total Fires & Explosions
- 15,621 Hazardous material incidents
- 4,681 MVAs involving the extrication of victims
- 4528 Storms, flood, assistance calls
- 2,056 Medical Assist
- 1,670 Animal Rescues
- 76% of NSW Homes have a working smoke alarm
- 2016 Open Day > 132,000 people visited their local station





National Lessons Management Approach

Event - Incidents, Exercises, Inter Agency, Interstate and International experience

Observation - Observations are gathered from events (risk assessed and codified)

National Themes - Two levels (e.g. Communications – Social Media)

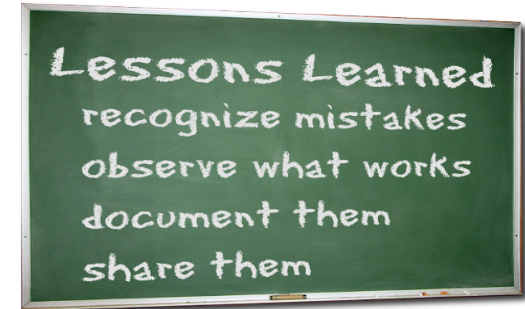
Organisational Capabilities - Two levels (e.g. Firefighting – Bushfire)

Fundamental Inputs to Capability - (POiSTED) Two levels (e.g. People - Recruiting) **Note: High risk observations are automatically formed into insights and forward to a SME**

Insight - Normally formed by grouping observations by themes. These are sent to a SME for validation and prioritization. *Once the SME has validated the insight and developed a solution it becomes a Lessons Identified.*

Lesson Identified - Something/Action that is recommended as advisable.

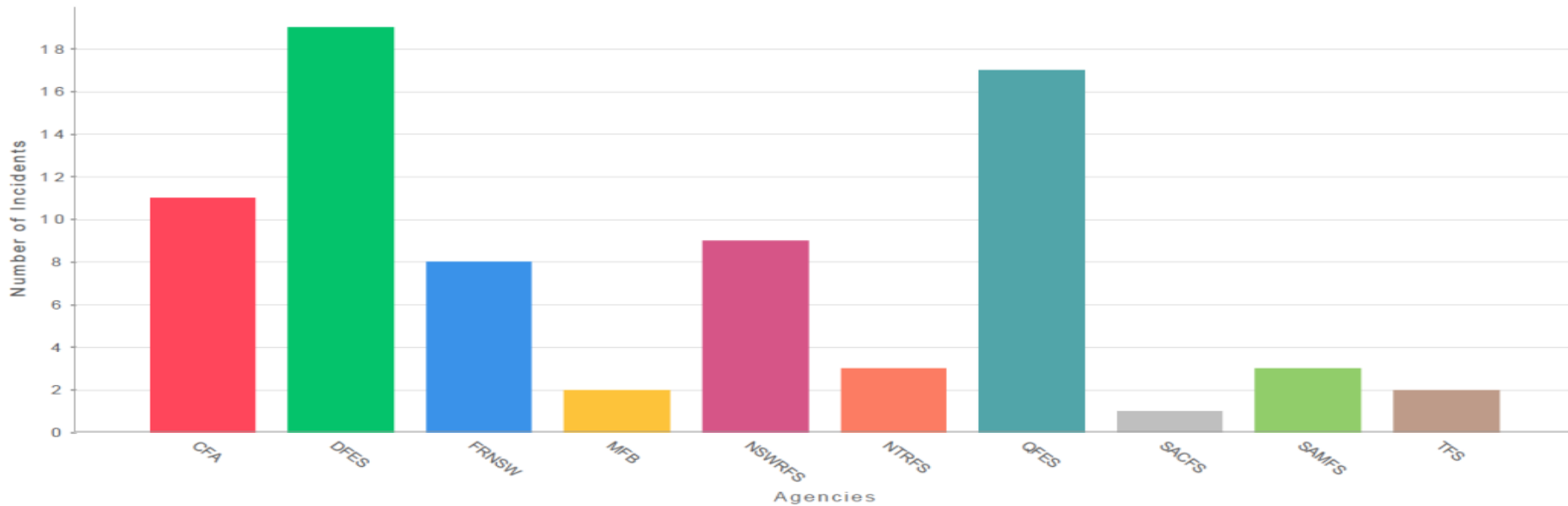
Lesson Learned - Practice has been changed, positive experience shared across the organization.



Incidents involving "Bulk Tankers" - 2015



Incidents involving "Bulk Tankers" in 2015



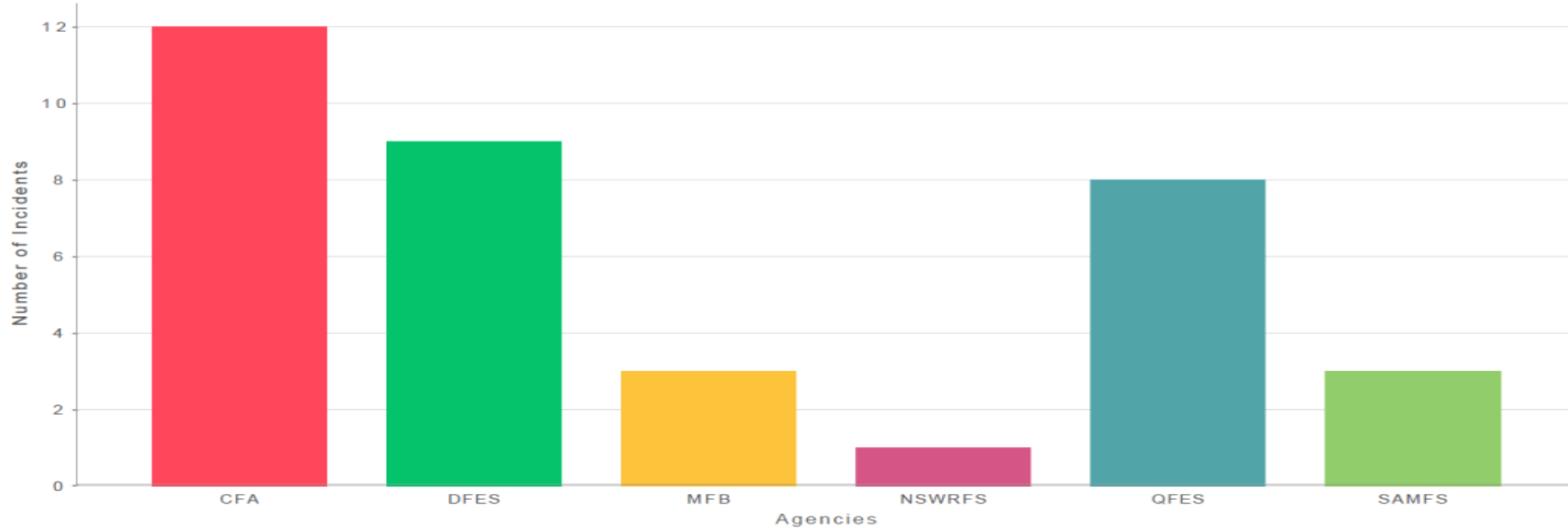
As per AIRSNAT codes, "BULK Tankers" are classified as:

1. Tank truck for non-flammable liquid
2. Tank truck for flammable liquid
3. Tank truck for combustible gas or liquefied gas
4. Vehicles intended to carry dangerous goods in bulk

Incidents involving “Bulk Tankers” - 2016



Incidents involving "Bulk Tankers" in 2016



As per AIRSNAT codes, "BULK Tankers" are classified as:

1. Tank truck for non-flammable liquid
2. Tank truck for flammable liquid
3. Tank truck for combustible gas or liquefied gas
4. Road tanker: Vehicles intended to carry dangerous goods in bulk

Bulk Water - Hytrons





Magirus TAF20 TURBINE AIDED FIREFIGHTING



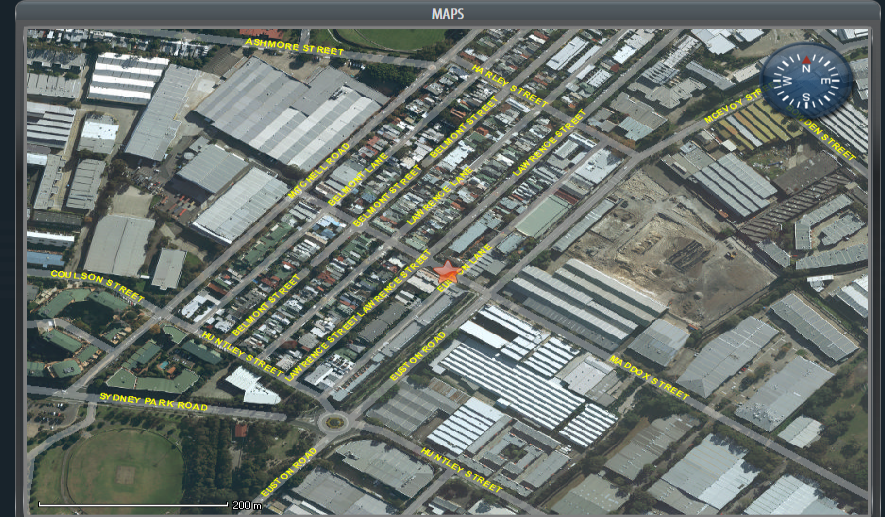
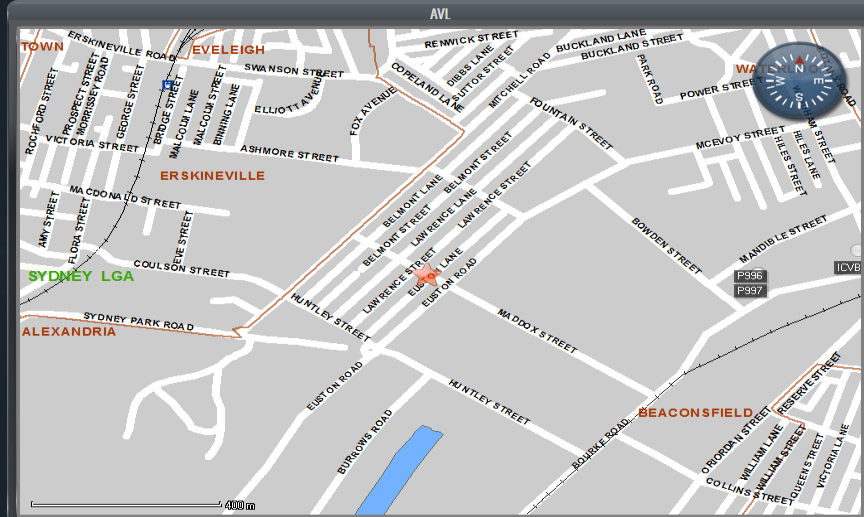


Operational Information - ADASHI

ADASHI Lite

Incident: 000538-31032014

- DCC
- LP24
- P12
- P22
- P3
- P39
- P76
- p28
- flyer
- 1
- F1
- AP45
- AP97
- P40
- P48
- P51
- P53
- P55
- P56
- P58
- P59



ESCAD INCIDENTS - Updates

1:05 AM	DCC - Assigned to Incident 000538-31032014
1:05 AM	DCC - Status changed from 05 - At Home Station to AS - Assigned to Inc
1:05 AM	LP24 - Role set to Aerials
1:05 AM	LP24 - Assigned to Incident 000538-31032014
1:05 AM	LP24 - Status changed from 05 - At Home Station to AS - Assigned to Inc
1:05 AM	P76 - Role set to Pumps
1:05 AM	P76 - Assigned to Incident 000538-31032014

COMMAND STRUCTURE

Take Control

GUIDANCE

25

PIP

1

IAP and CHECKLIST

LIFE PROTECTED

INCIDENT CONTAINED

IMPACT MINIMIZED

WIND and WEATHER

19 kph E

STRATEGY

?

TIME ELAPSED

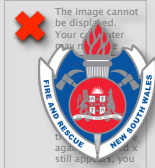
04:27:09

STR/RADIO

ADD RISKS

1

TAC/RADIO



Evolution & the Future

