

Navigating the FOG:

A year of insights from the Fatalities
in Oil and Gas (FOG) database



Sophia Ridl

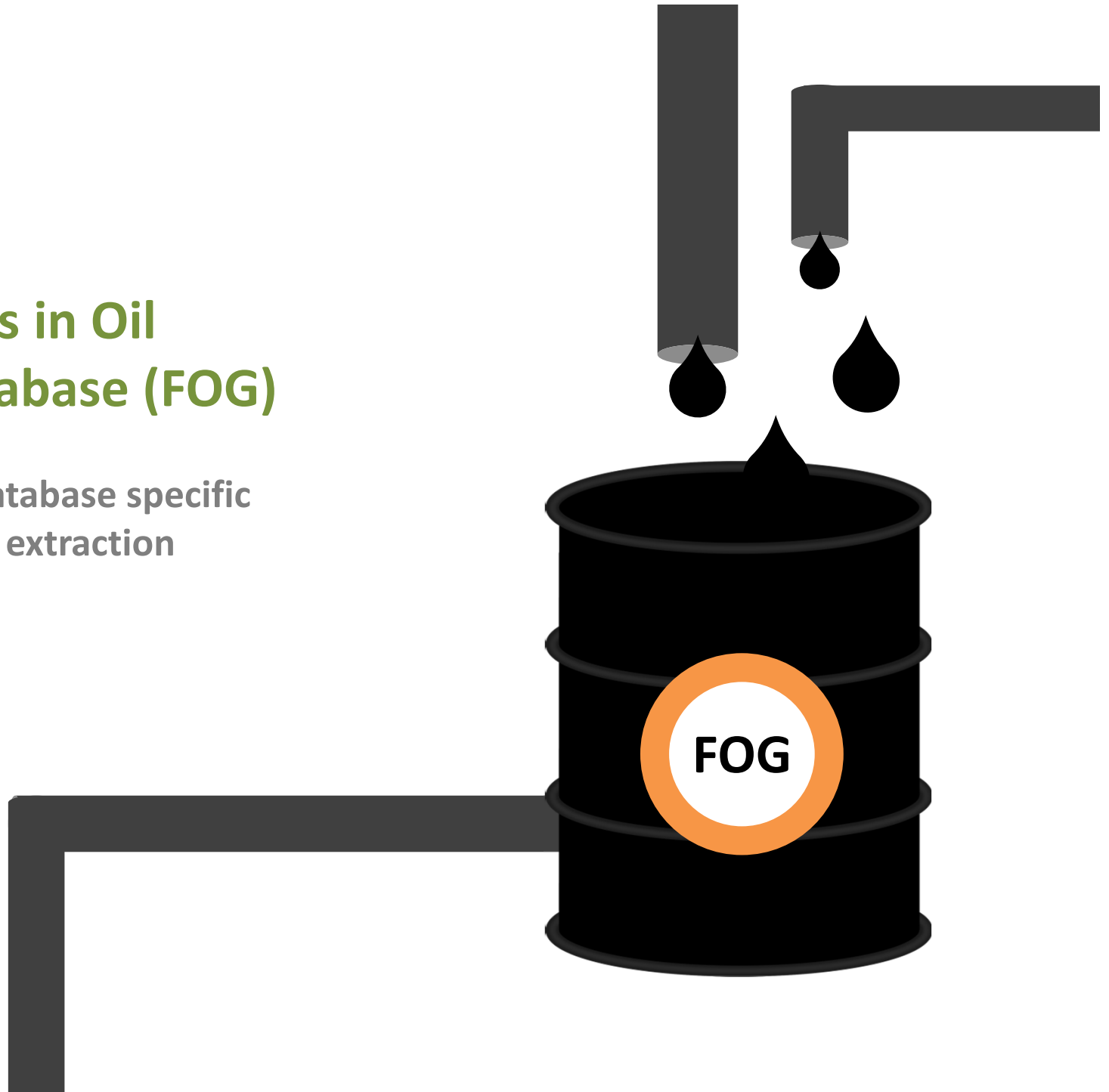
Synergy America Contractor for the National Institute for Occupational Safety and Health

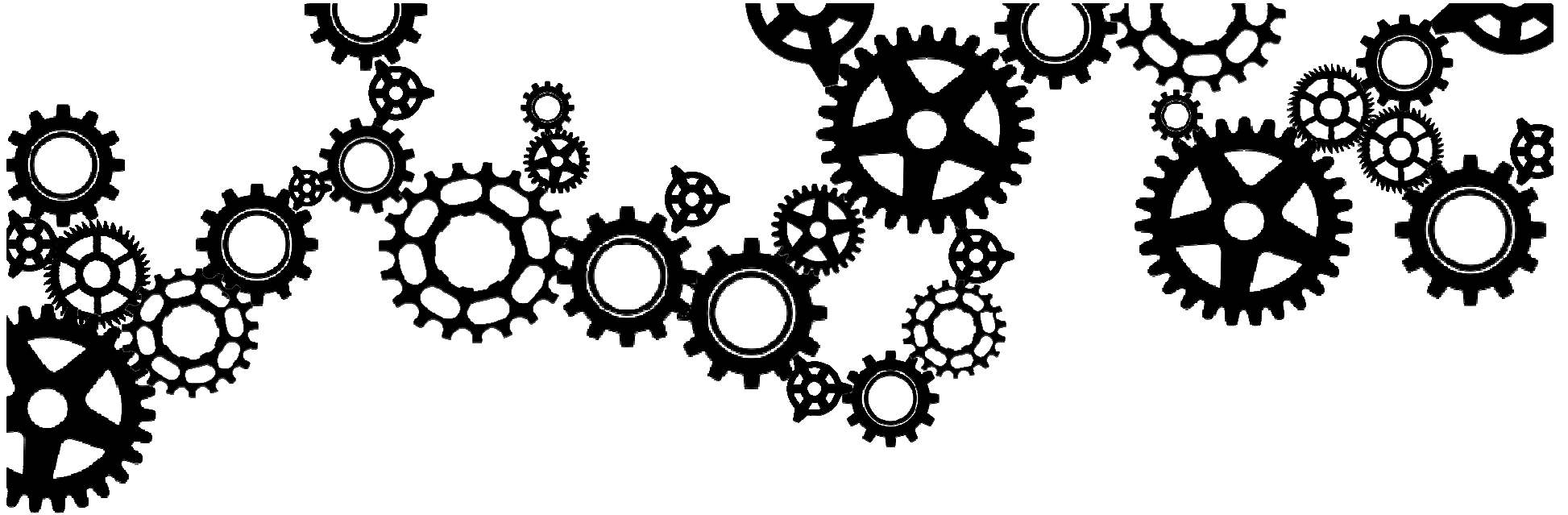


The findings and conclusions in this report are those of the author(s) and do not necessarily represent the views of the National Institute for Occupational Safety and Health.

The Fatalities in Oil and Gas Database (FOG)

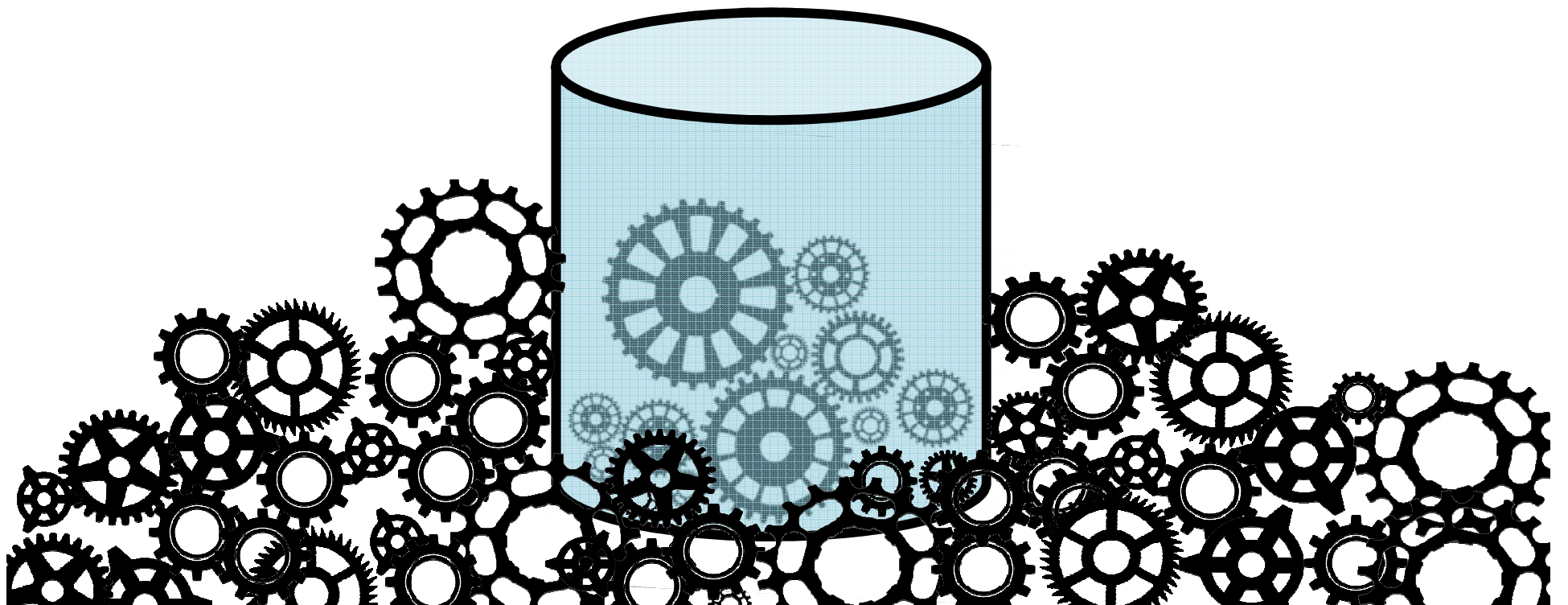
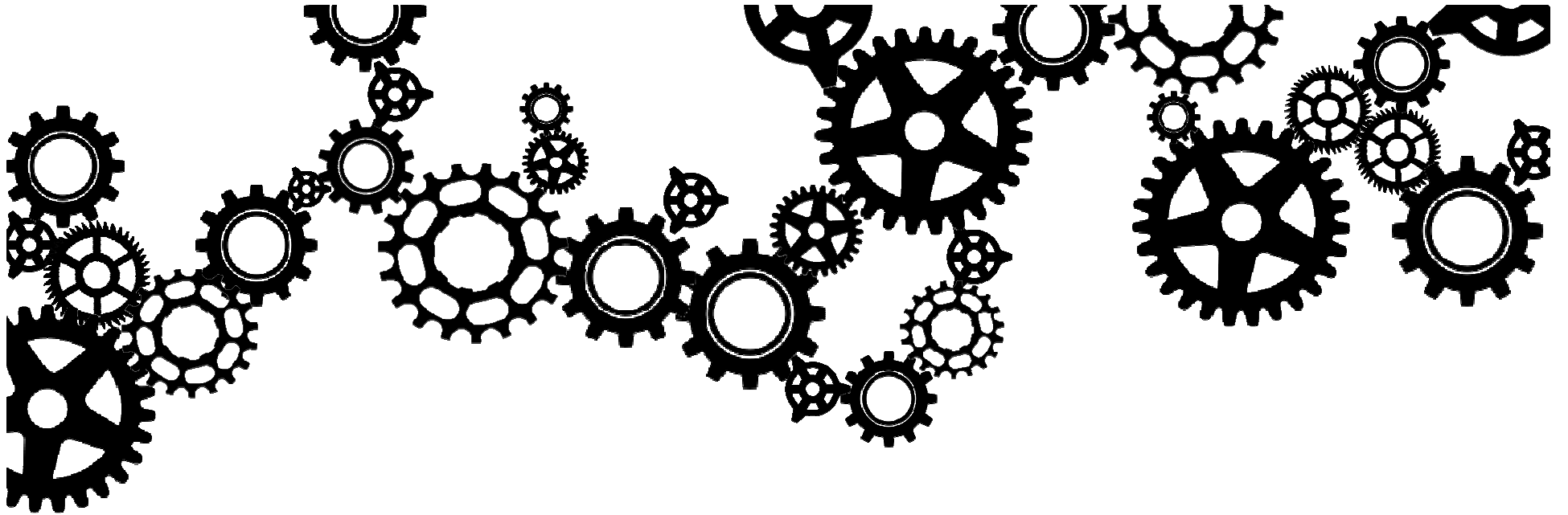
A new internal database specific to the oil and gas extraction industry.





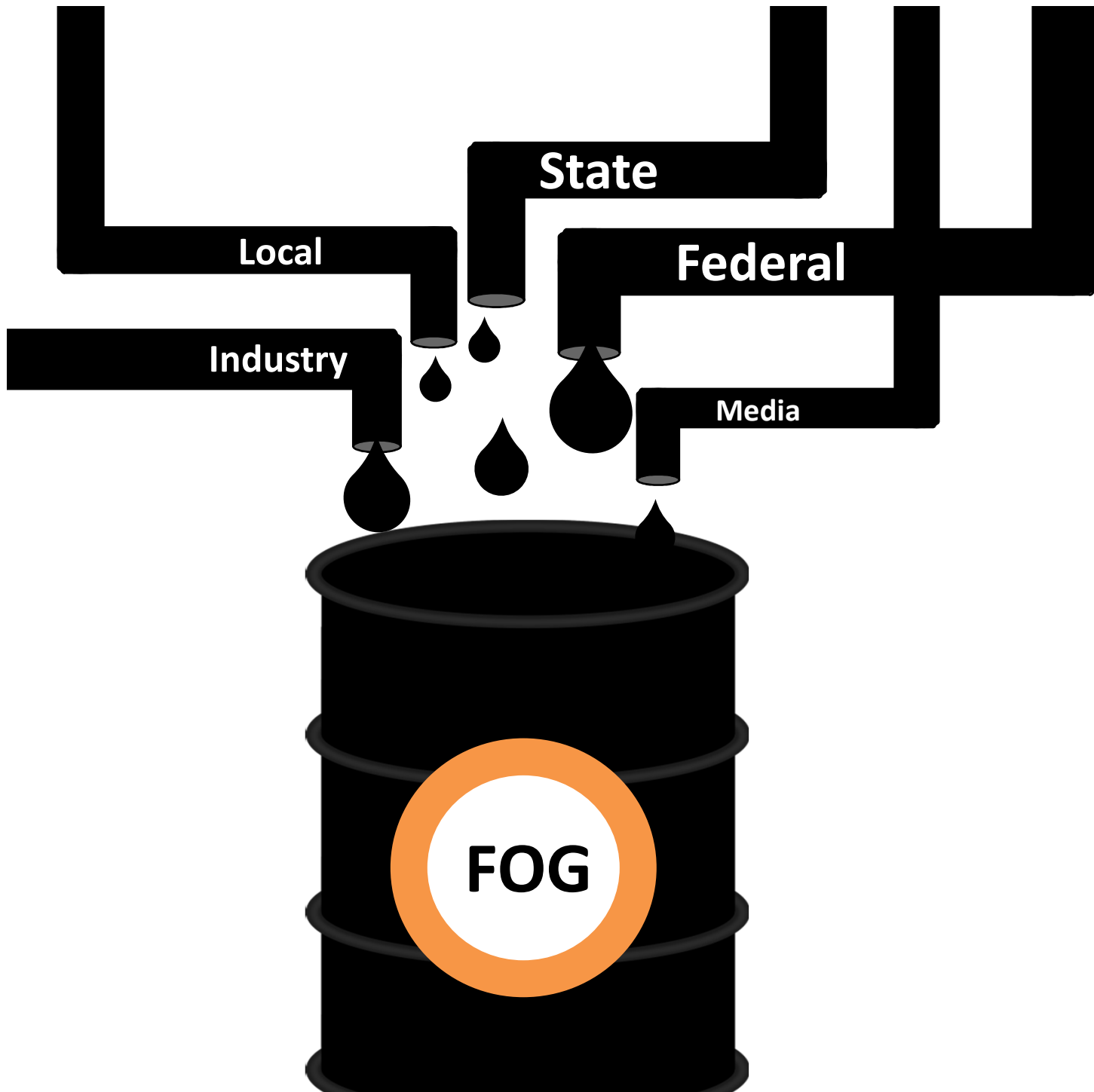
Oil and gas extraction is...

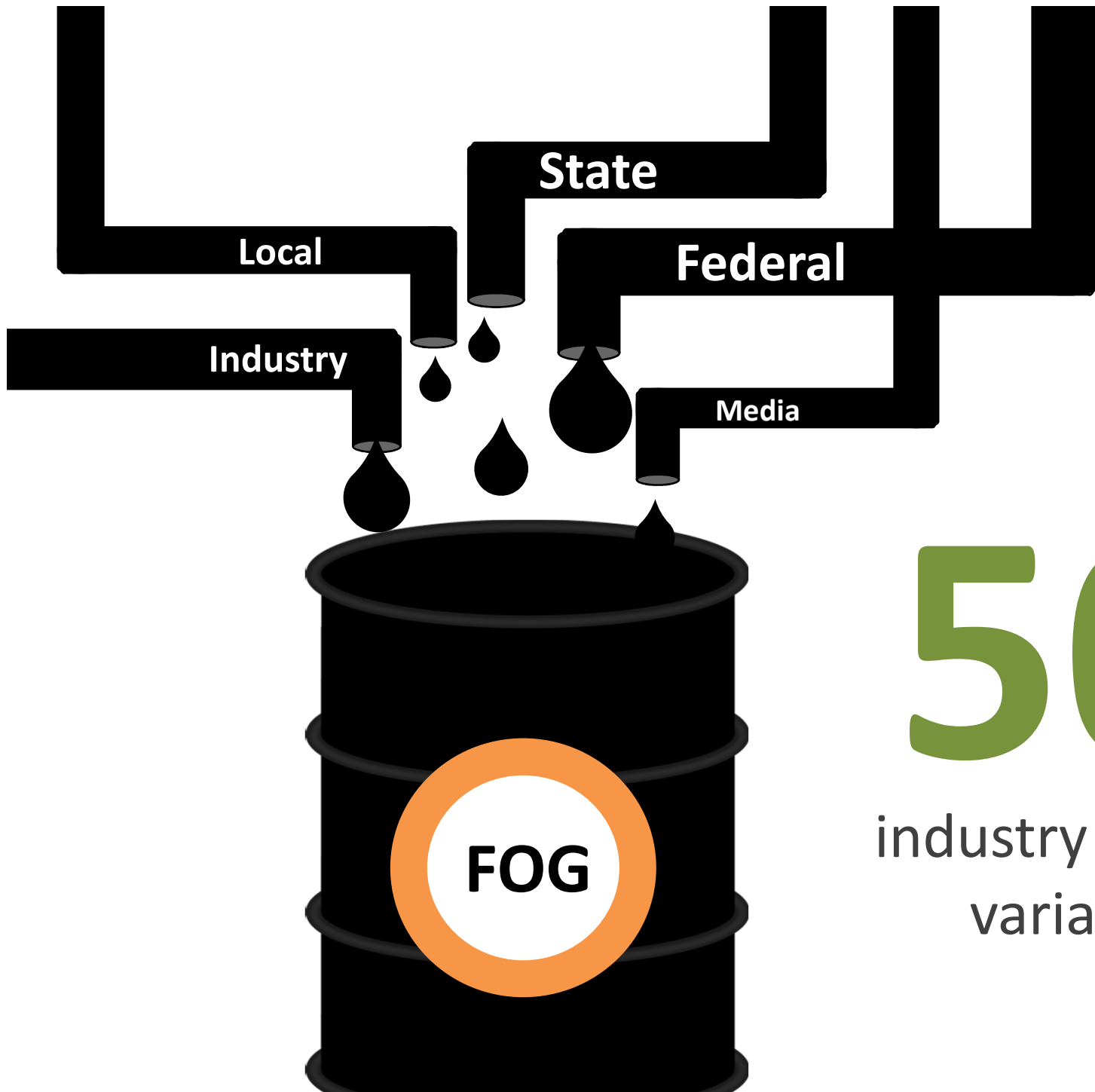
an intricate machine



FOG captures what is missing







50

industry specific
variables

How well does FOG capture fatalities in oil and gas extraction?

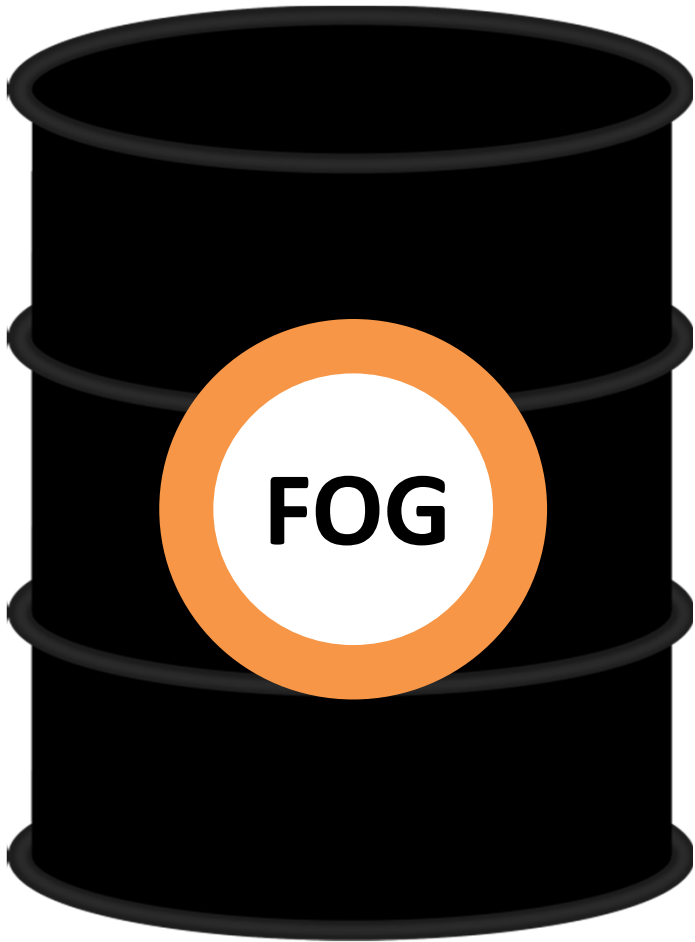


How well does FOG capture fatalities in oil and gas extraction?

Our best comparison is CFOI



2014 FOG



102
fatalities

FOG vs CFOI

comparable fatalities

94 vs 144

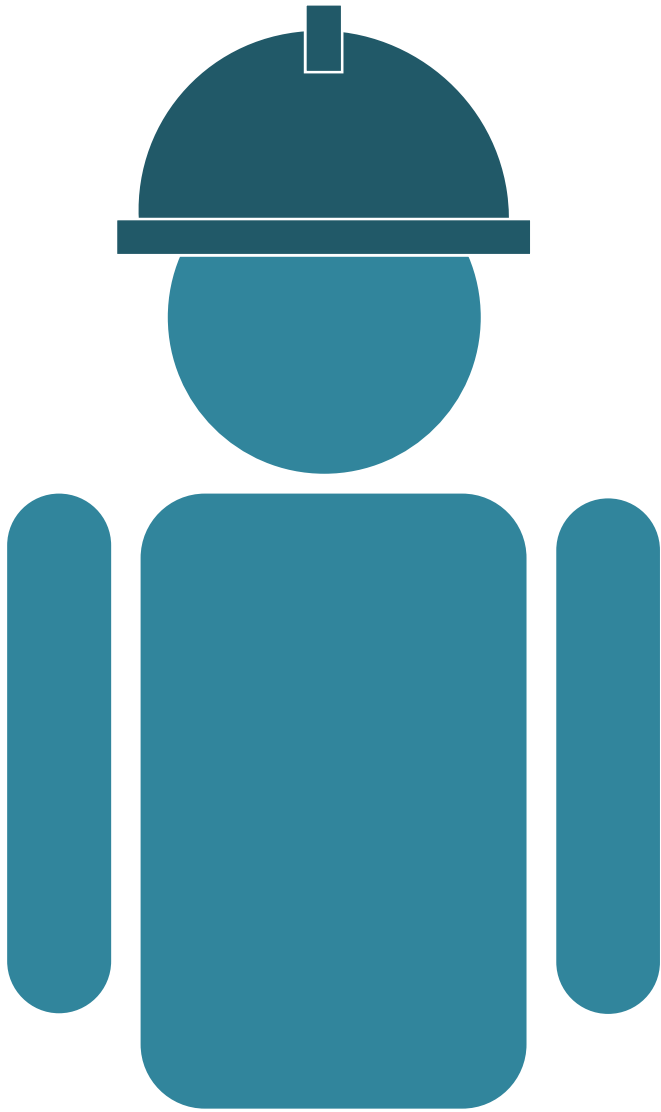
FOG vs CFOI

comparable fatalities

94 vs 144

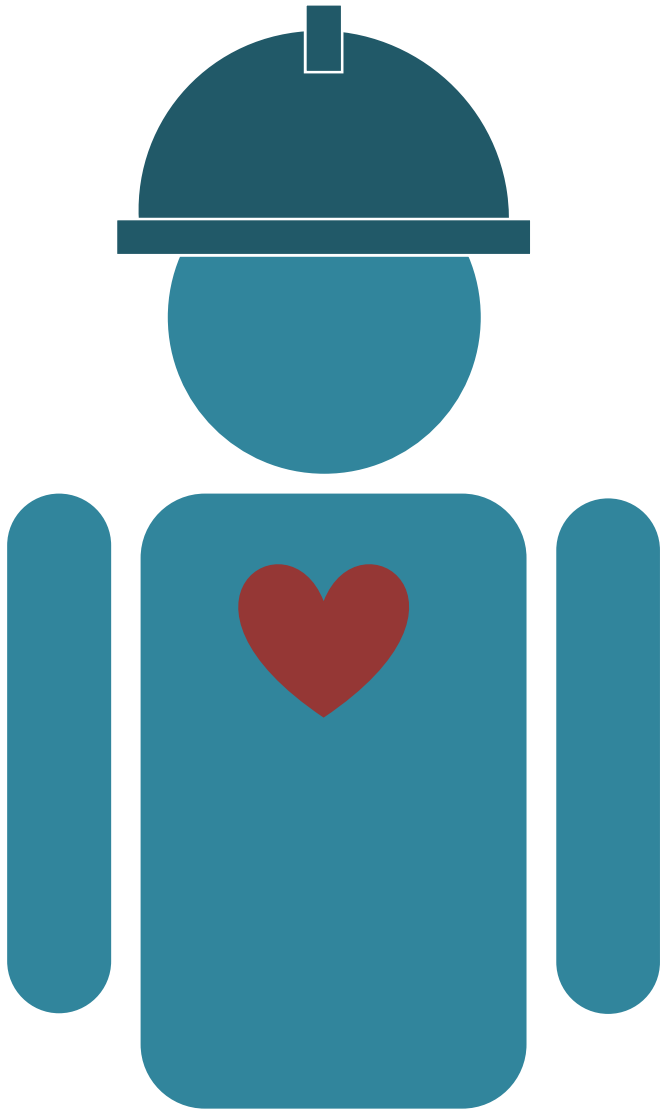
“on-site” fatalities

67 vs 71



Other NAICS

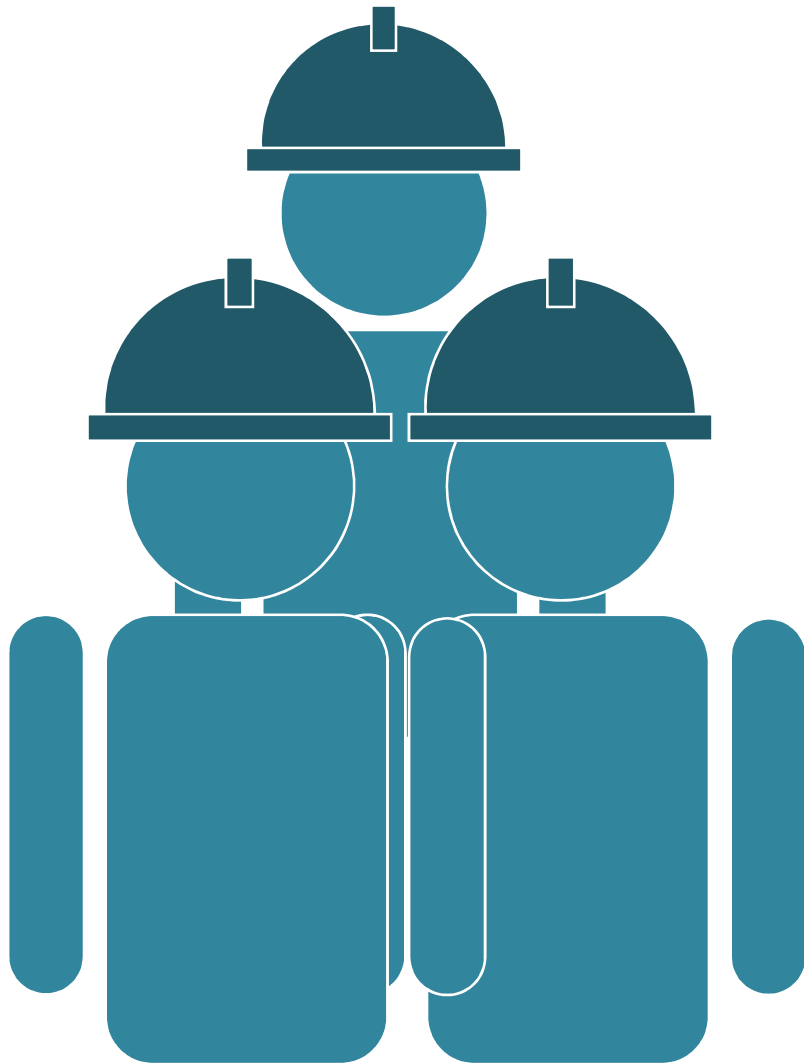




Cardiac Events

(no identified possible exposure)





Multiple fatality incidents

23%

of fatalities

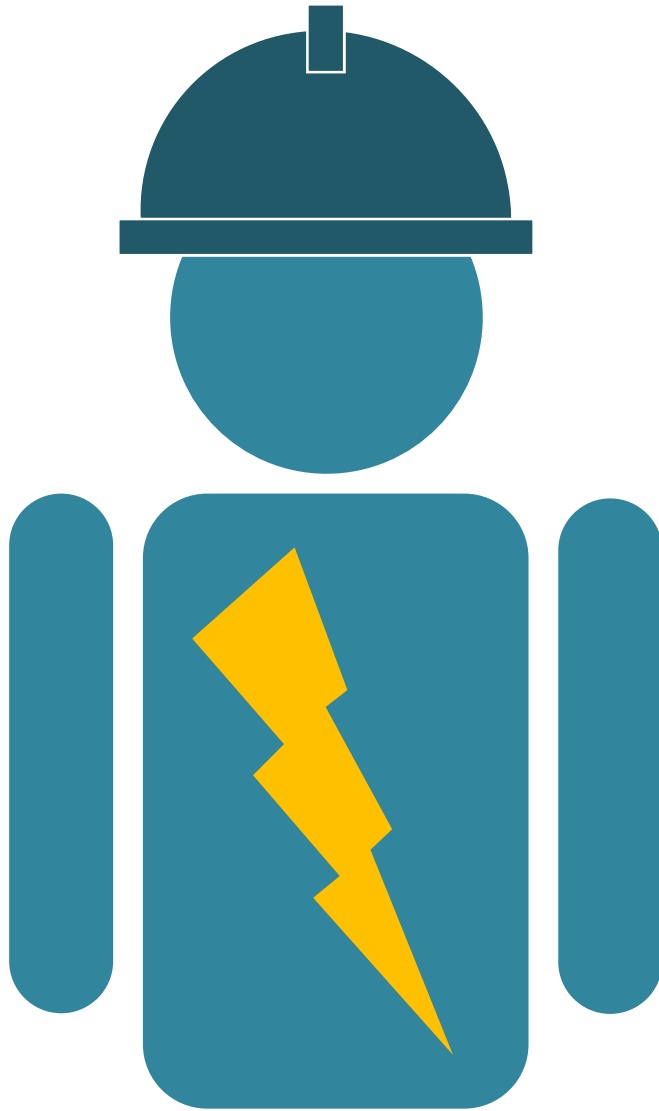
11%

of incidents

Prevention


FOG provides information
to prevent fatalities





Electrocutions

5 fatalities

 Material handling:
crane, forklift, winch truck

 Overhead
powerlines



Contact injuries

5

activities

e.g. connecting drill pipe


76%

of fatalities

Tanks and gases and vapors



17 total fatalities

 fires and explosions

 exposure

Data driven interventions

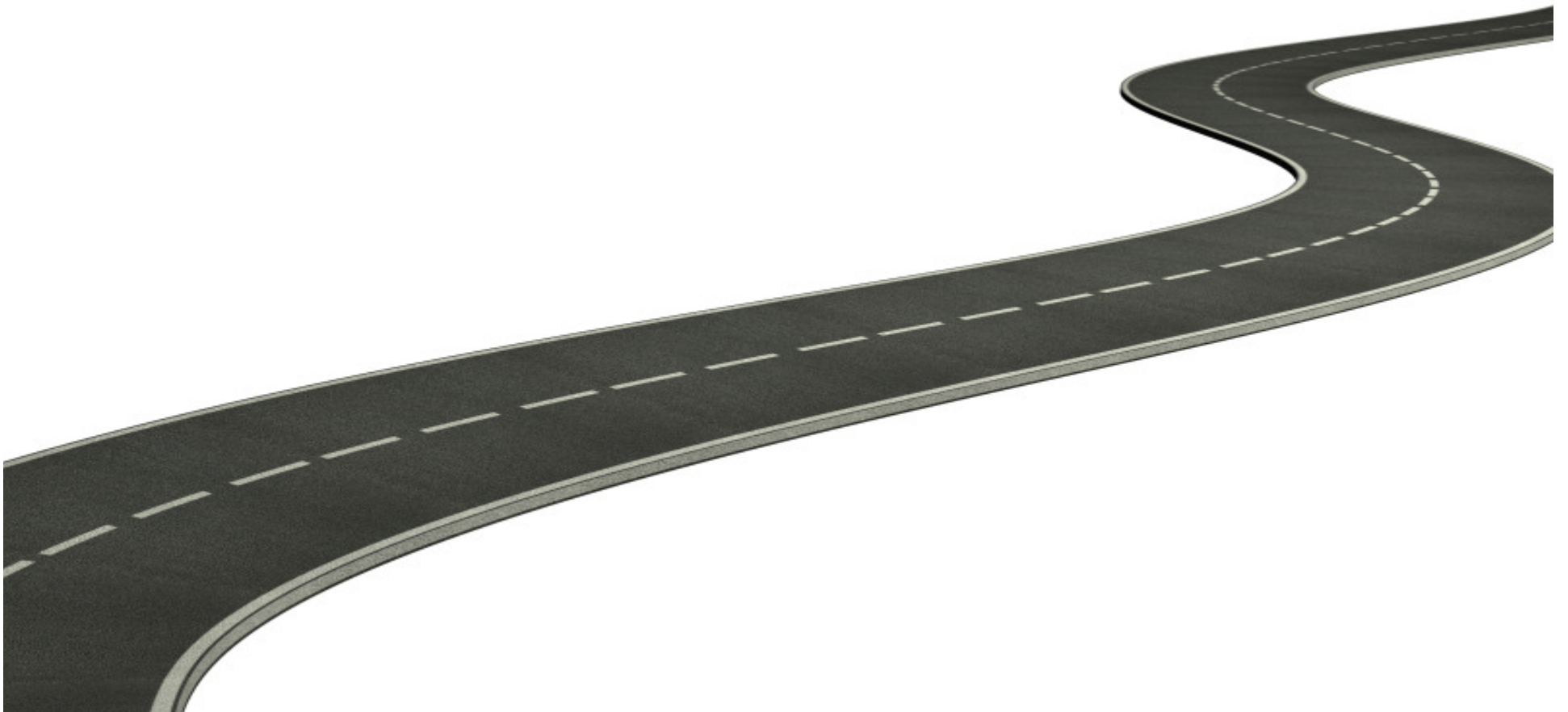


Data driven interventions



Coming soon!

2014 fatality report



Questions?

Acknowledgements

Kyla Retzer, NIOSH

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