

FRAMILY 2016 - VISUALISATION

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WHO IS YOUR AUDIENCE?



VISUALISATION OF FRAM

The FMV as a means to facilitate FRAM:

Risk assessment

Incident investigation

System design

Conceptual visualisations:

Safety management system

Optimising work

RISK ASSESSMENTS

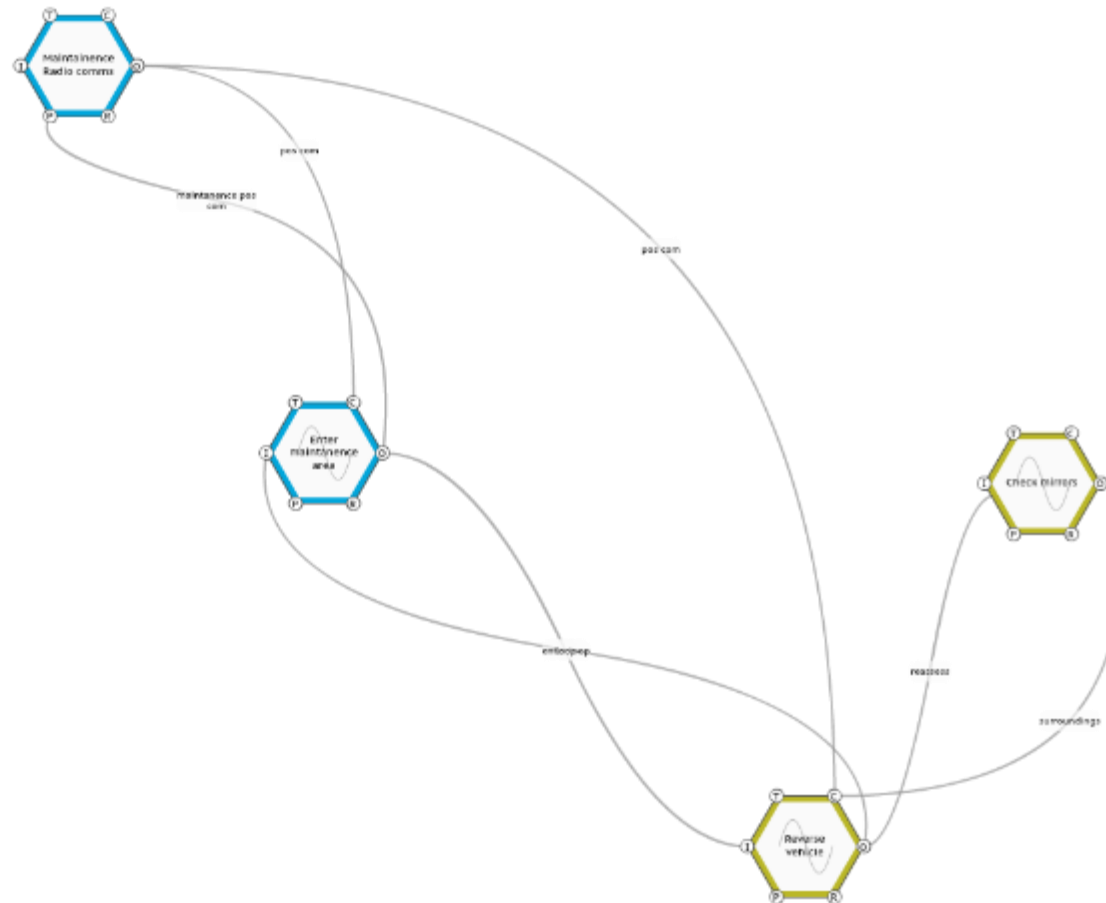
FRAM: Dynamic, double loop learning tool

Risk Matrix: Static, single loop learning tool

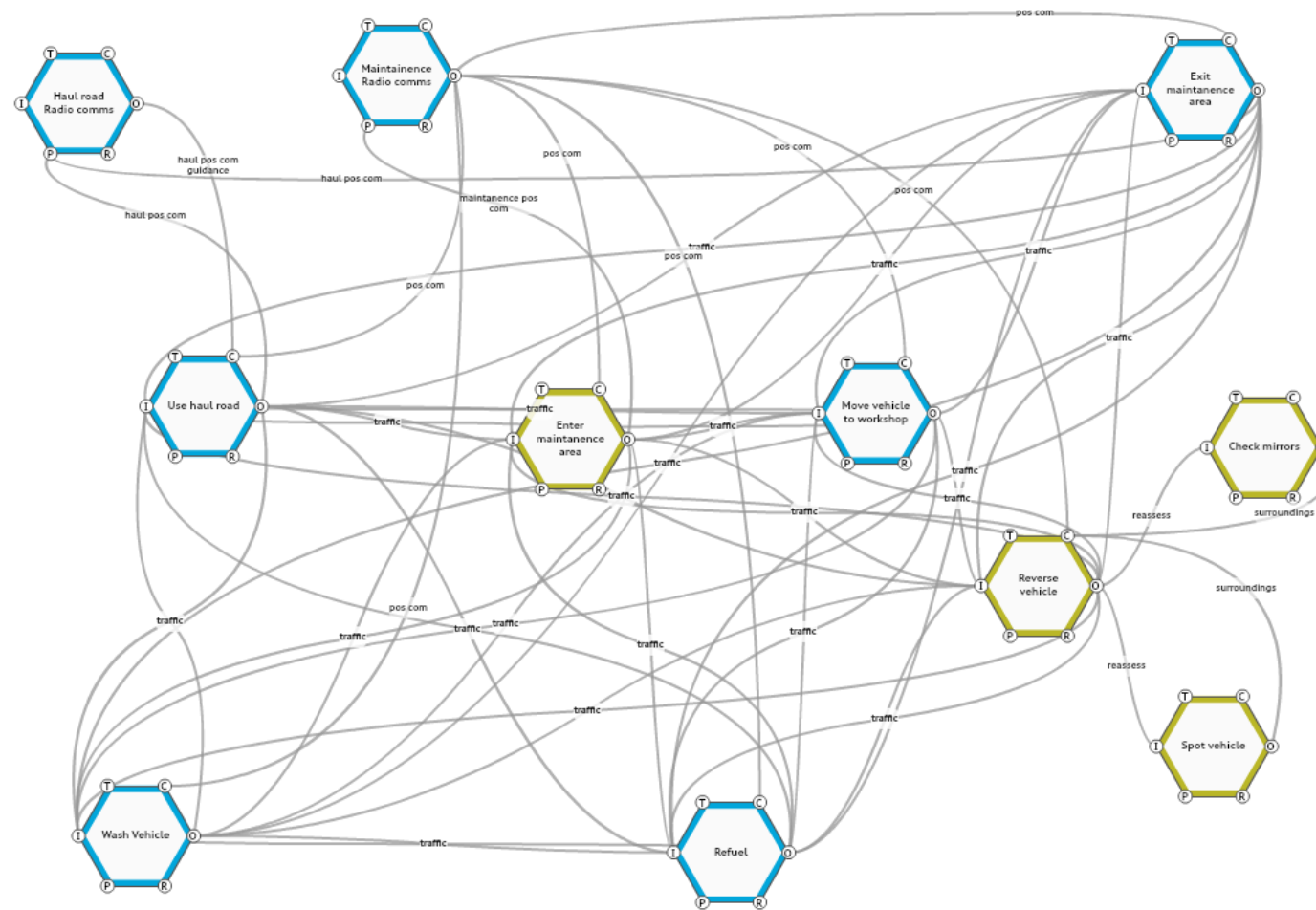
Medium	High	High	Extreme
Low	Medium	High	Extreme
Low	Medium	High	High
Low	Low	Medium	Medium
Low	Low	Low	Medium



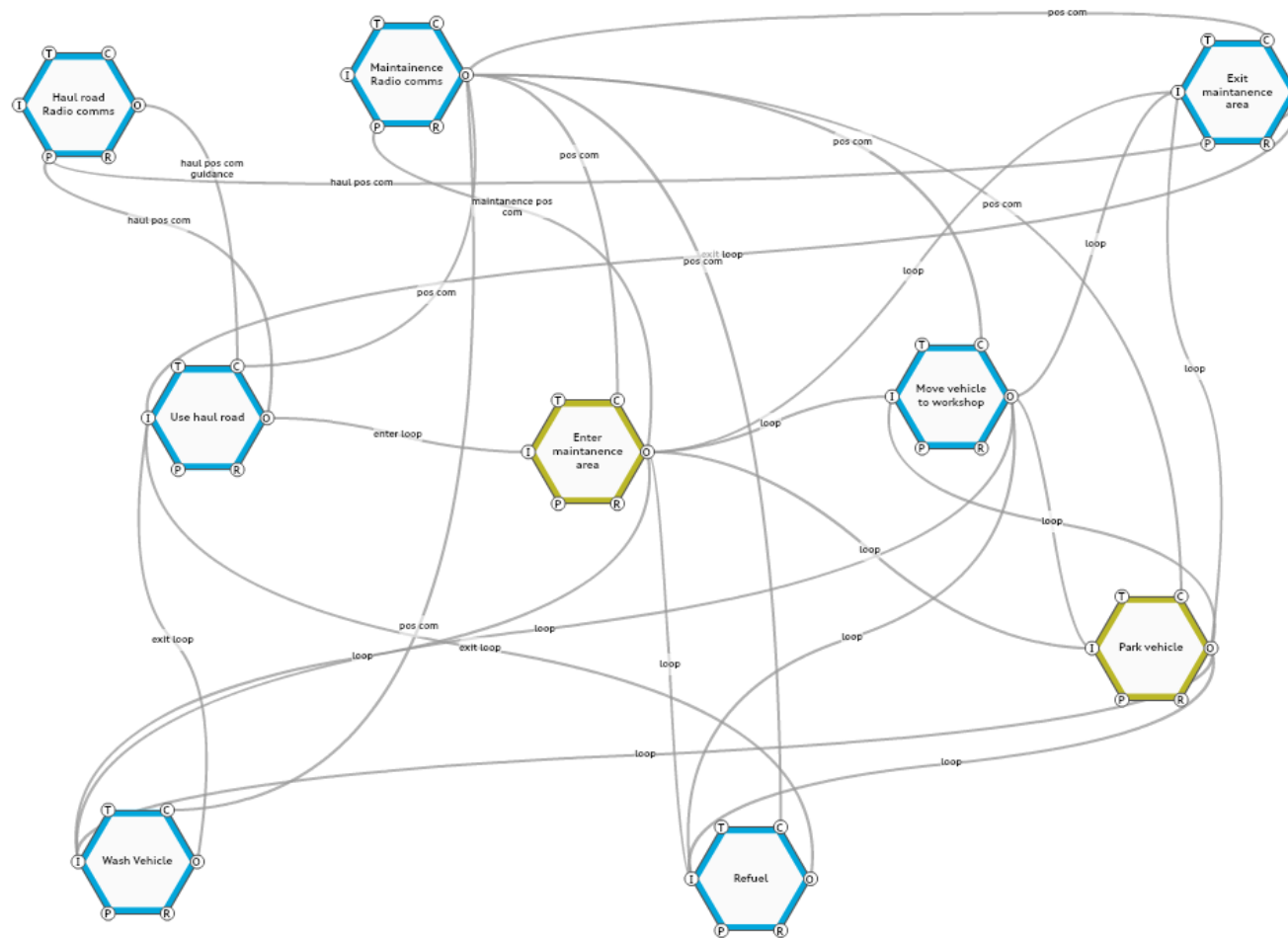
INCIDENT INVESTIGATIONS – TOP DOWN



INCIDENT INVESTIGATIONS – BOTTOM UP



SYSTEM DESIGN - CLOSING THE GAP

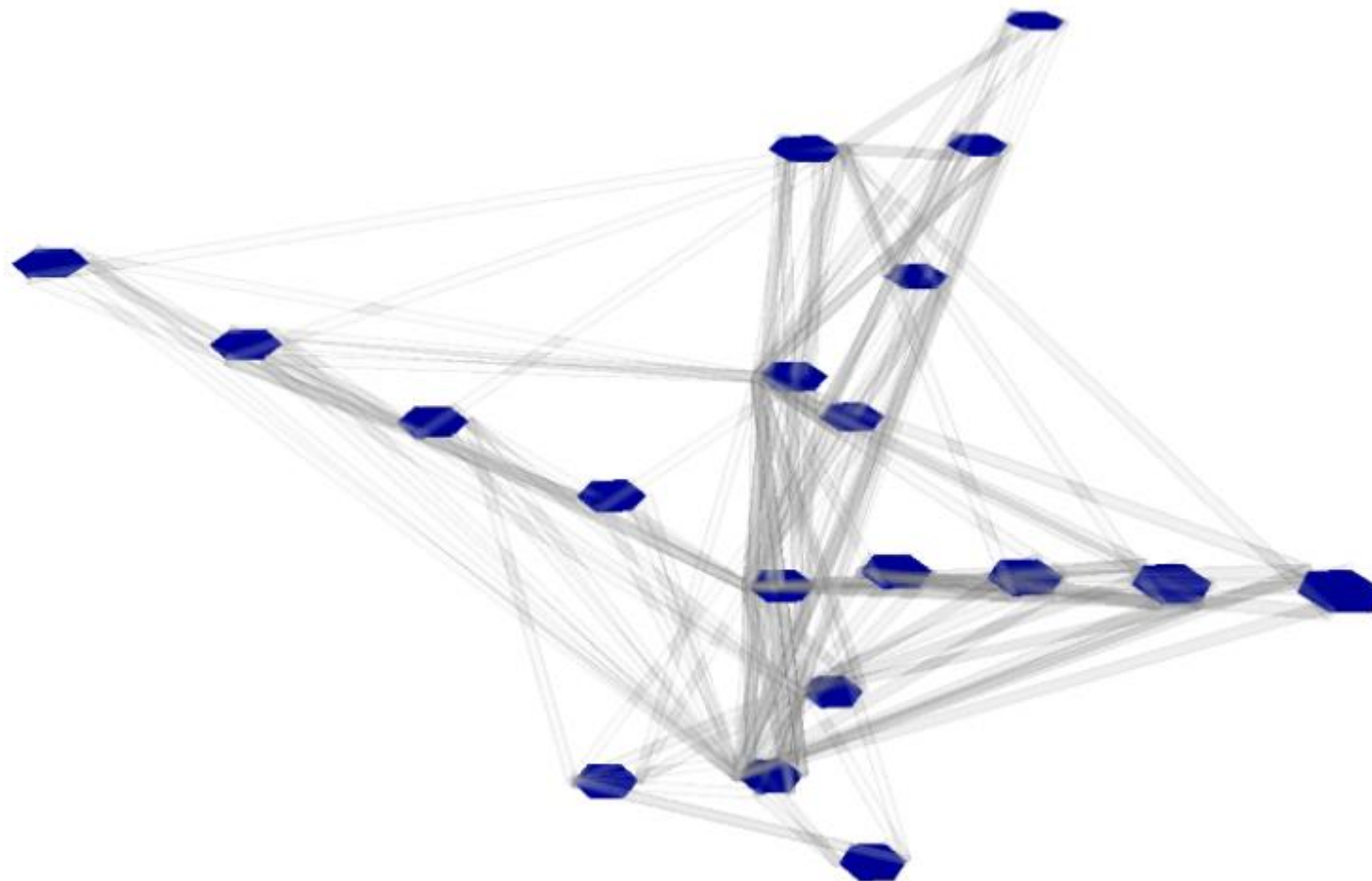
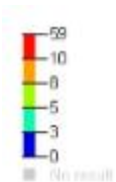


CONCEPTUAL VISUALISATIONS

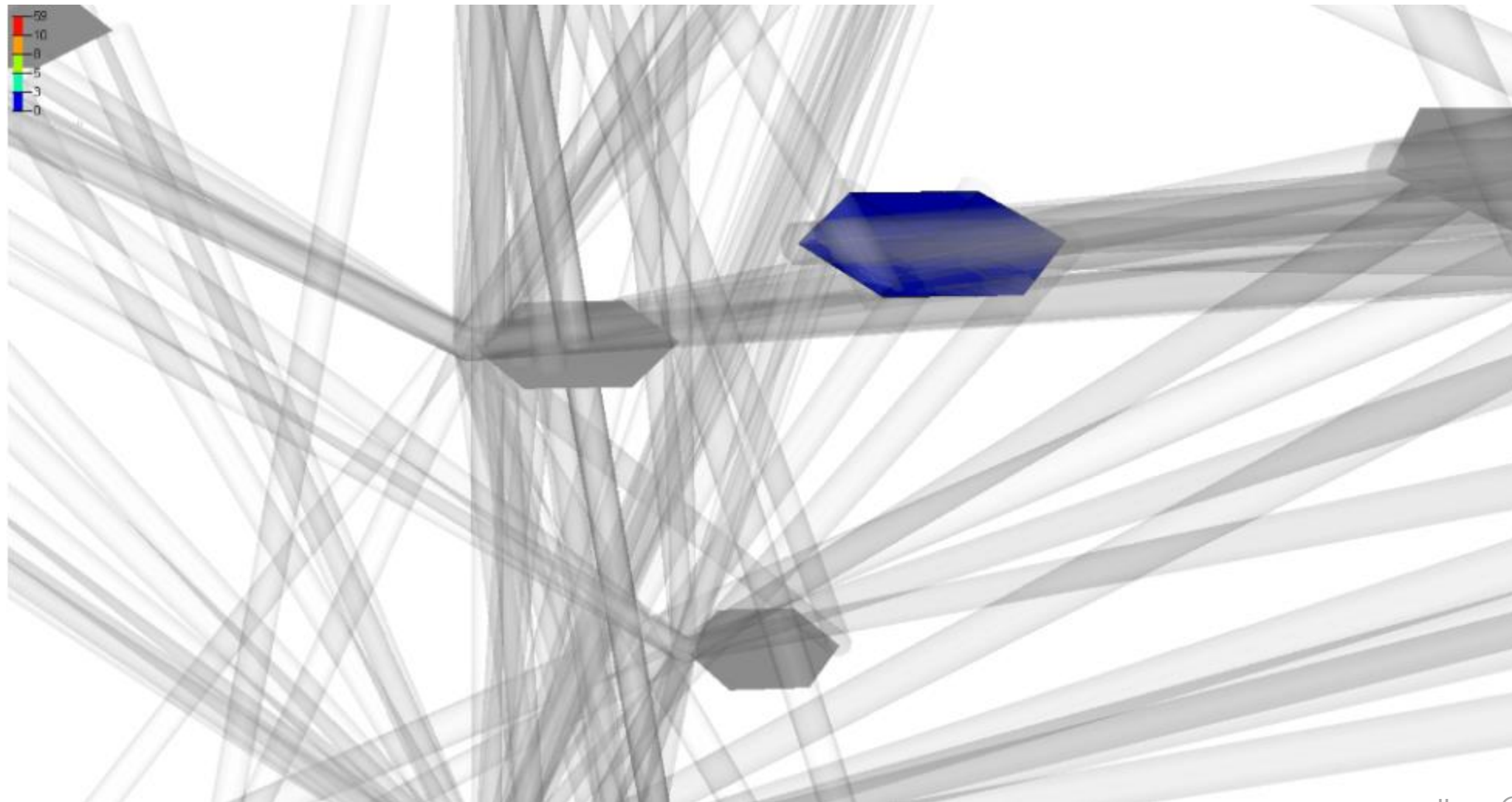
Safety management system

Optimising work

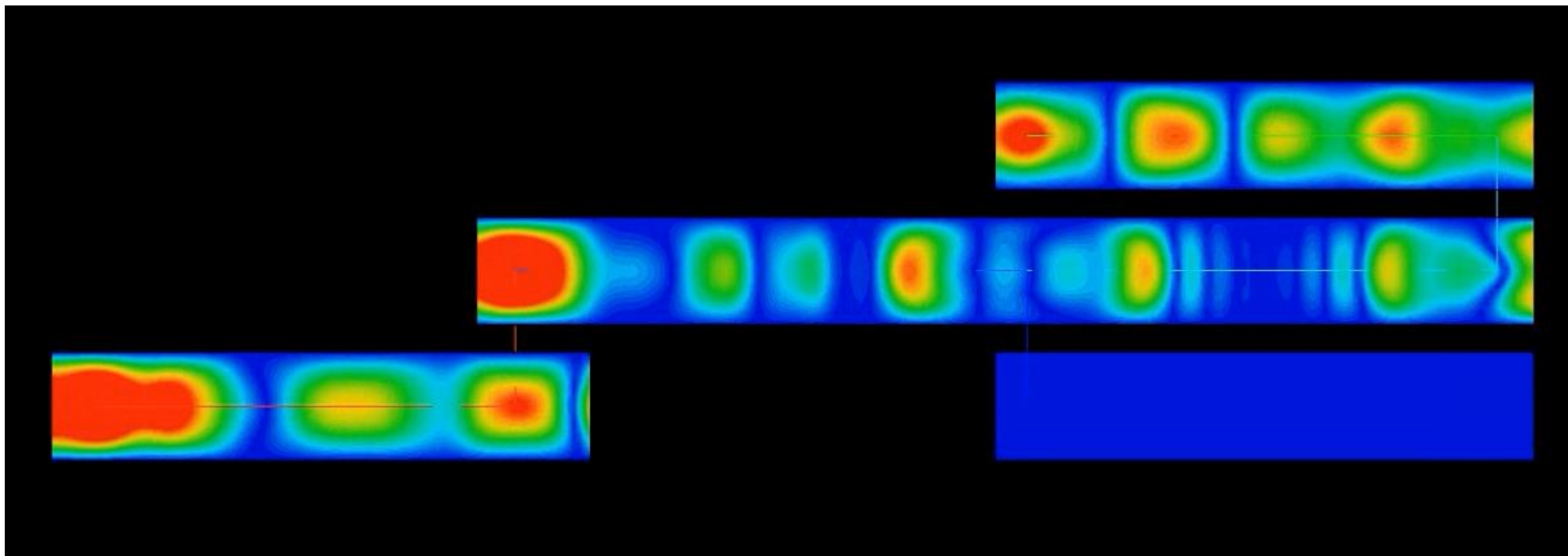
UNDERSTANDING STRONG SIGNALS



APPRECIATING WEAK SIGNALS



IMPROVING WORK



DISCUSSING & PLANNING WORK

Variability				
	Adjustment			

VISUALISING FRAM FOR GREATEST VALUE

What types of visualisation are possible?

What elements of FRAM should be visualised?

What is of most use to the worker?

What is of most use to the organisation?

Risk assessment
Incident investigation
System design
Safety management system
Optimising work