

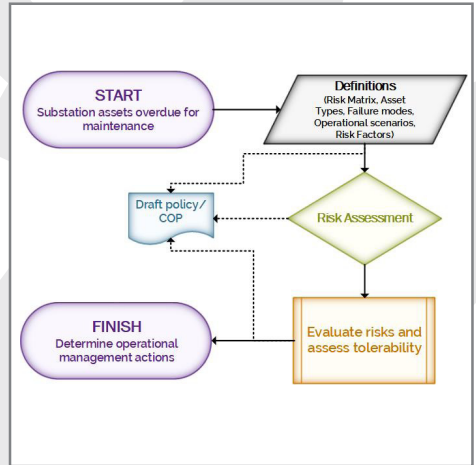
Methodology for Managing Operational Safety Risks

Context:

A DNO had a problem with how to manage the operational risks posed by large numbers of different HV assets with known defects and beyond their scheduled maintenance dates.

Threepwood developed a new methodology to assess and mitigate the risks to staff who operate these assets.

“The methodology assists DNOs to assess and mitigate risks to operational staff posed by problem assets”



Threepwood developed a novel **risk model and methodology** to quantify operational risks posed by assets beyond their planned maintenance dates.

Conclusions:

- Concept of risk vs. time past scheduled maintenance (TPSM) was developed.
- A novel operational risk model for BAU was delivered.
- The model can be refined to manage operational risks for specific substations/assets.