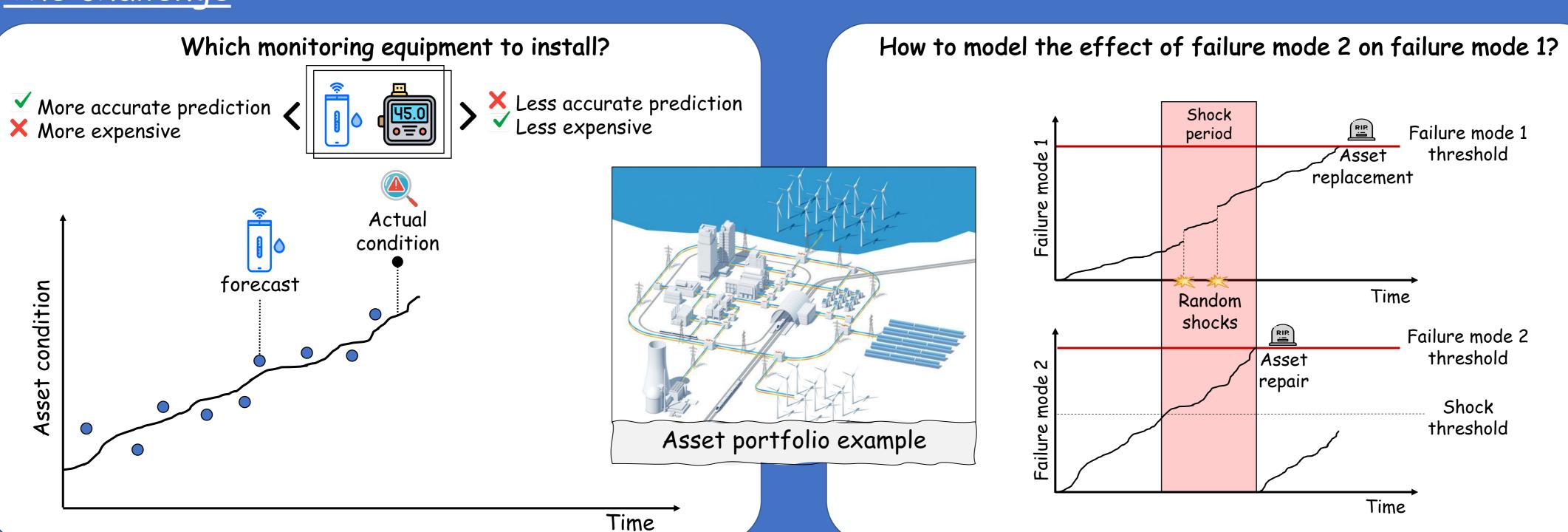






# Optimizing monitoring equipment investments for an asset portfolio with multiple failure modes

## The challenge





The monitoring equipment accuracy depends on the failure mode



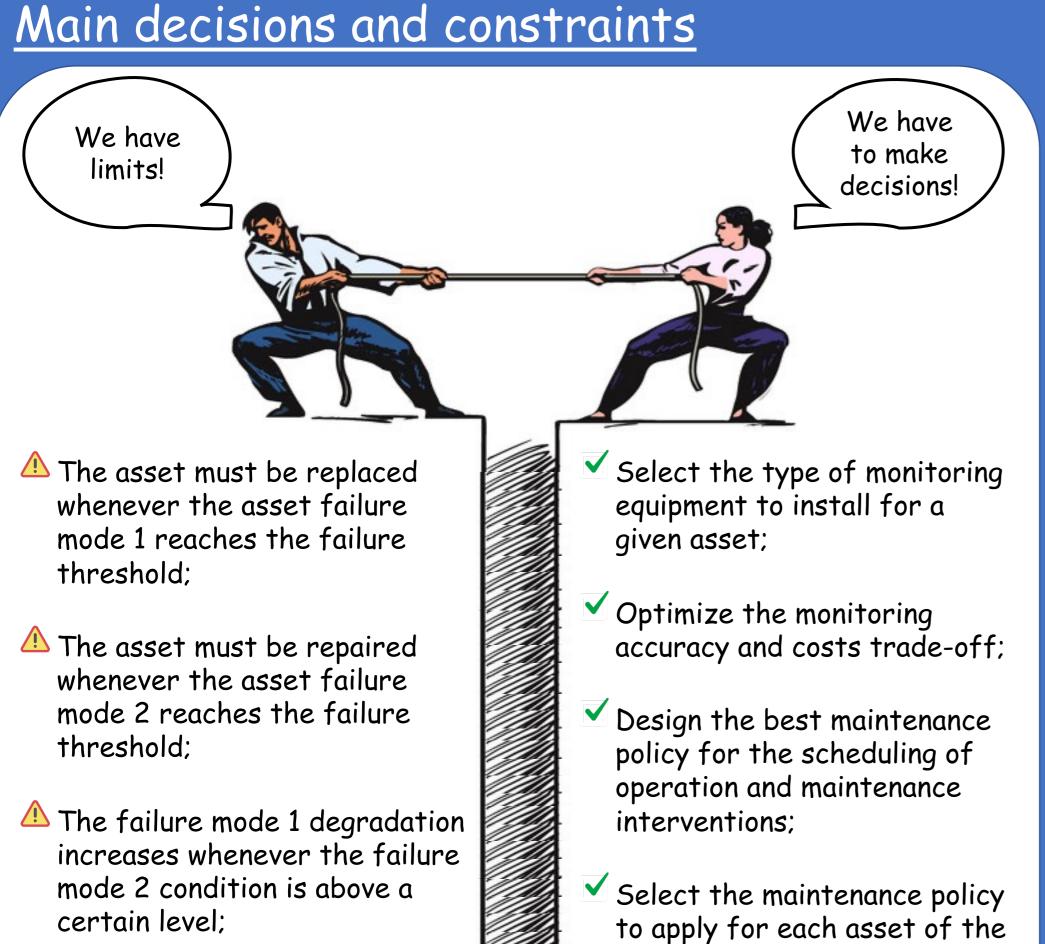
The monitoring equipment has heterogeneous accuracy and costs





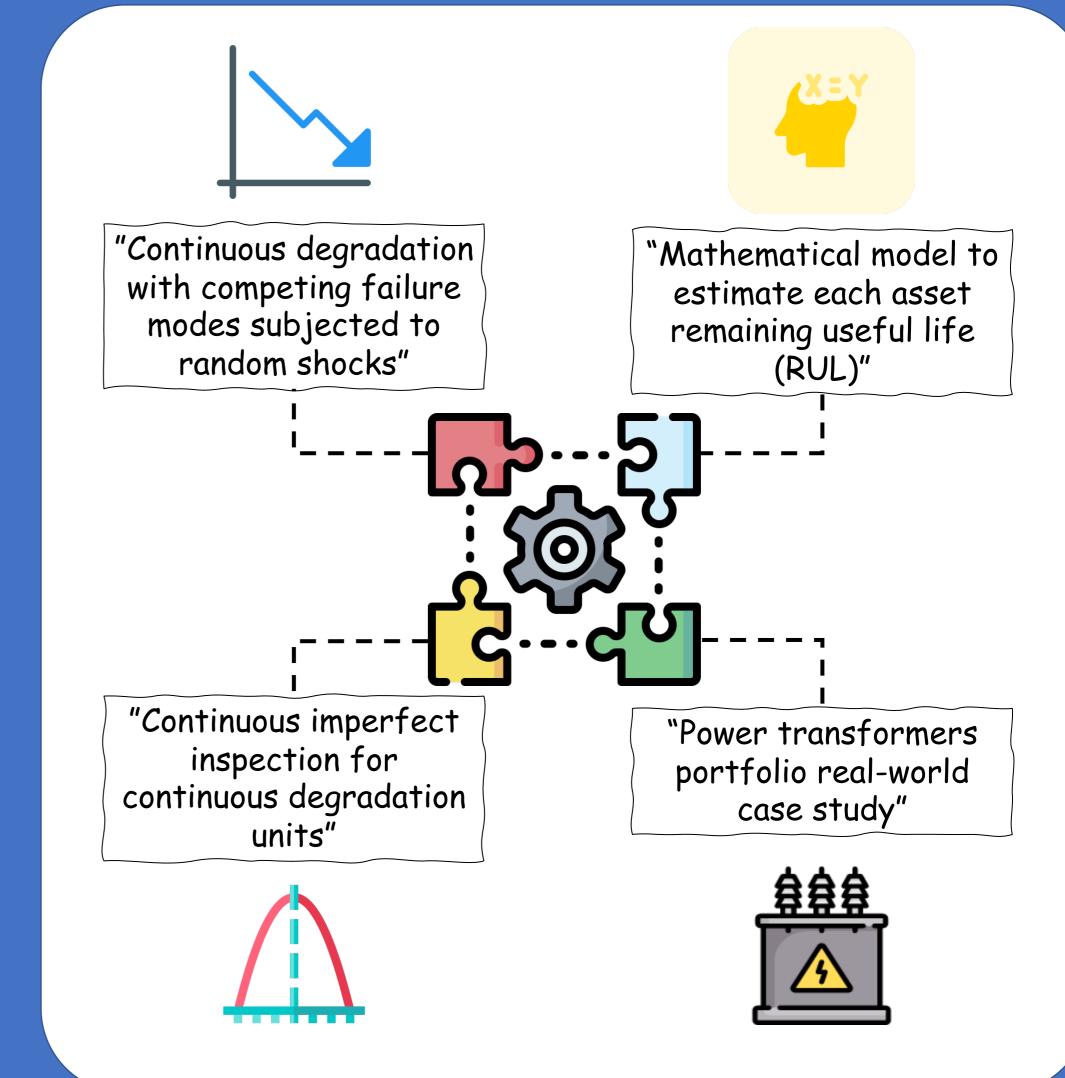


The short-term condition influences the long-term condition



portfolio

# Proposed approach



## Contributions

accuracy);

The monitoring equipment is

not perfect (forecast

