

# AI as a tool for managing OHS

Responsible innovation in high-risk operation



---

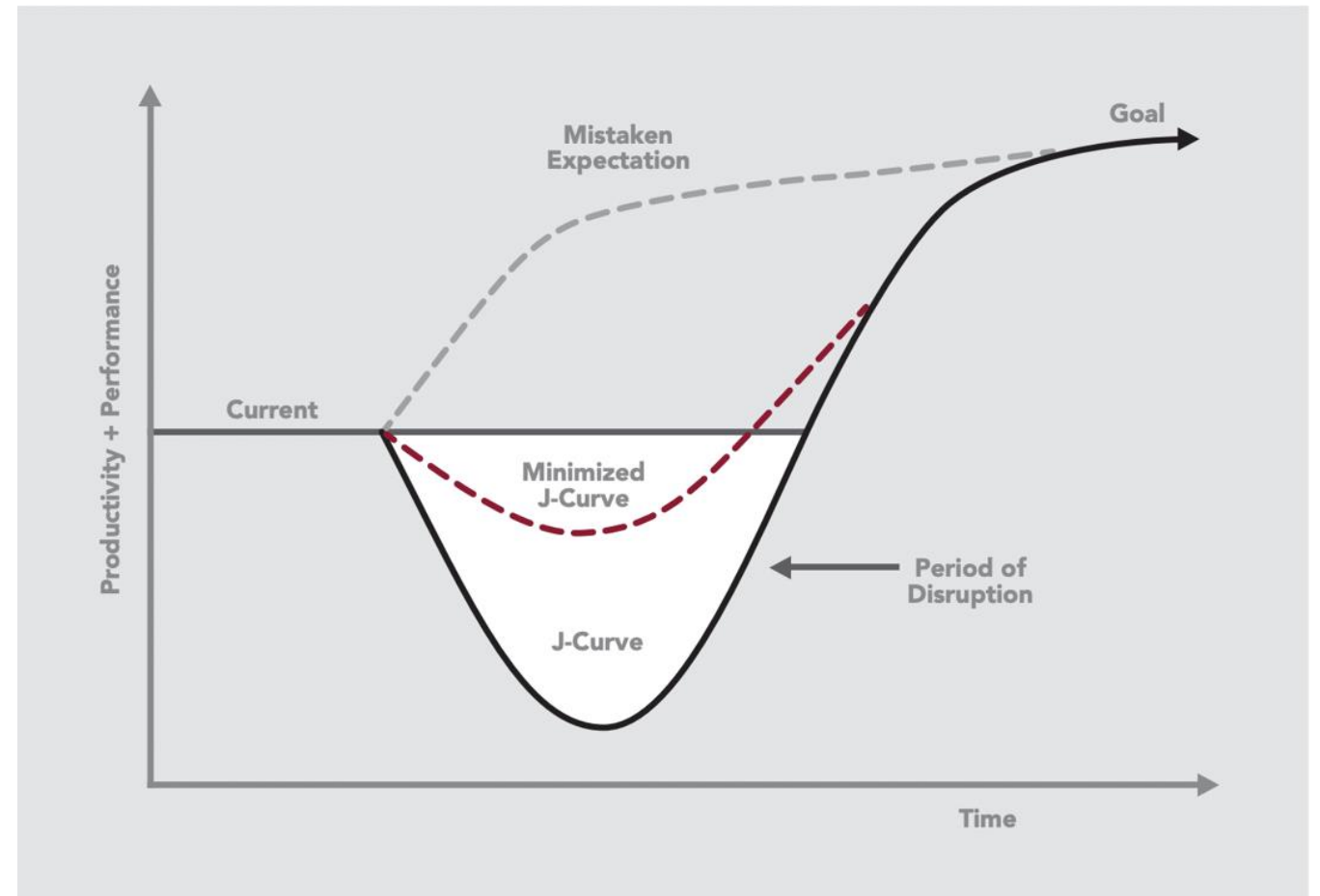
**EUROSHNET CONFERENCE - 2026**

José Alberto Salcedo Martínez

Helsinki, 28th of May 2026

ACCIONA principles for responsible AI in high-risk operations:

1. Start with risk, not technology
2. Fix the workflow before adding AI
3. Human in control
4. Trust must be designed
5. People and data before models



# 1. Start with risk, not technology

2022 (AI expectations)

2026 (ROI Reality)

The speech

Metric: "Time saved"

Metric: material risks and high impact areas



The probe

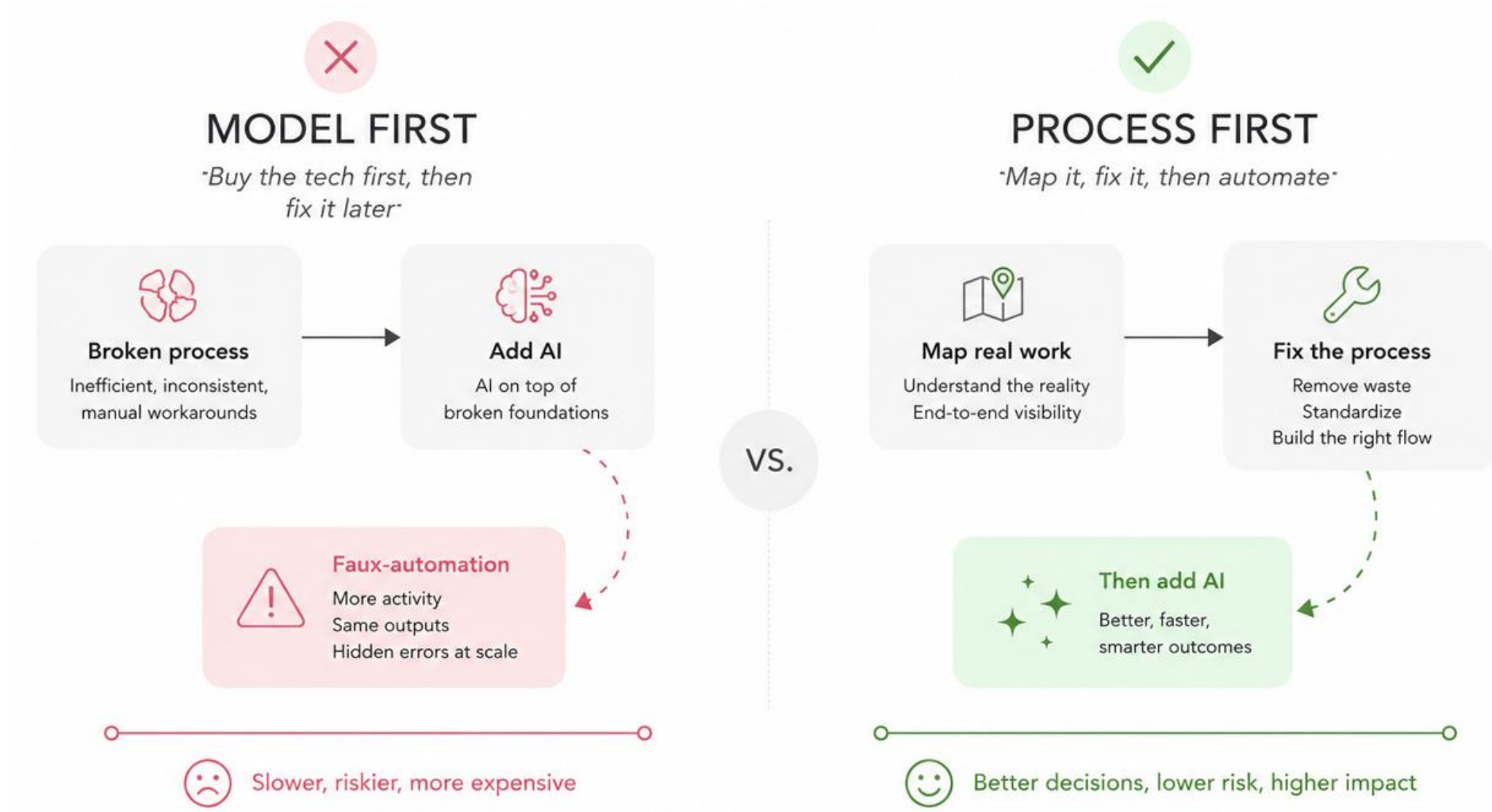
## Losing strategy

*We save 1000 hours drafting reports*

## Winning strategy


*"We caught 15% more critical risks"*

## 2. Fix the workflow before adding AI




**!** AI does not transform broken systems. **It exposes them**


### 3. Human in control

 **RED LIGHT (Human must decide)**  
*Closing investigations, closing out hazards, changing controls*

**NO AUTONOMY**

 **YELLOW LIGHT (Human approved)**  
*Prioritizing risks, recommending corrective actions*

**OVERSIGHT REQUIRED**

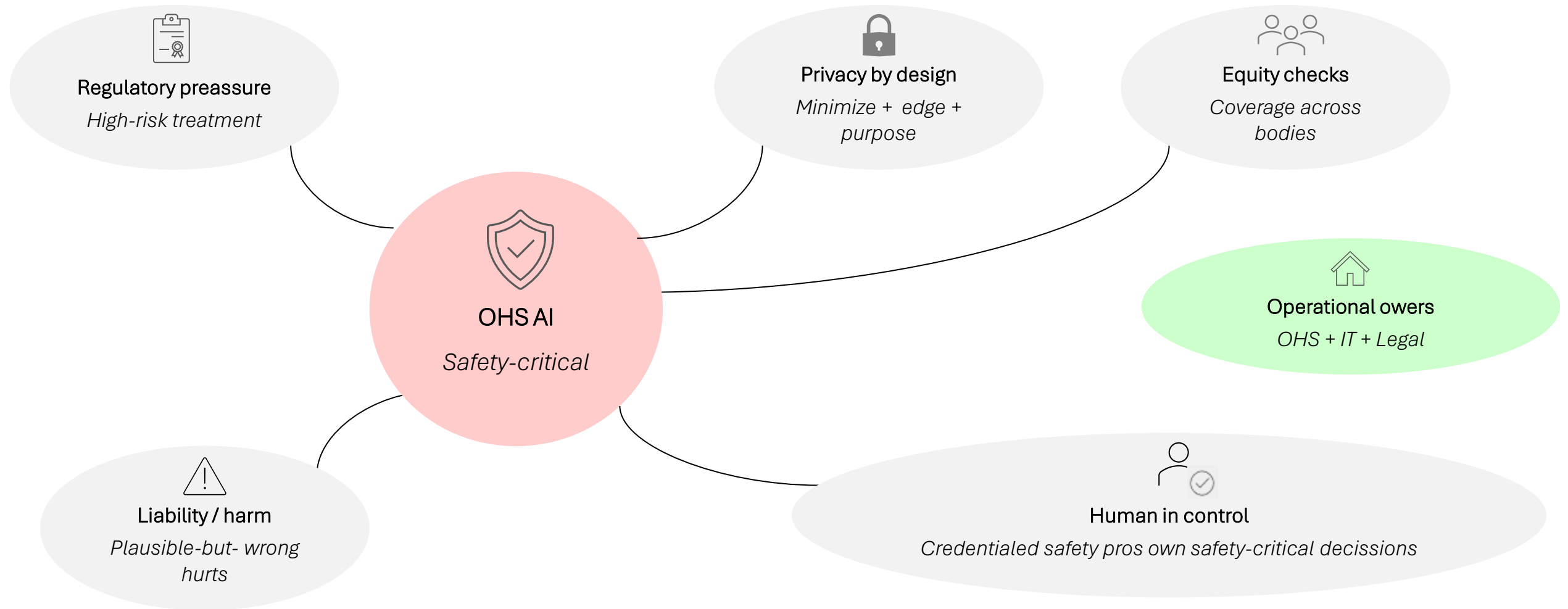
 **GREEN LIGHT (AI Leads)**  
*Drafting, summarizing, formatting, search, checklist validation*

**ASSISTED AUTOMATION**

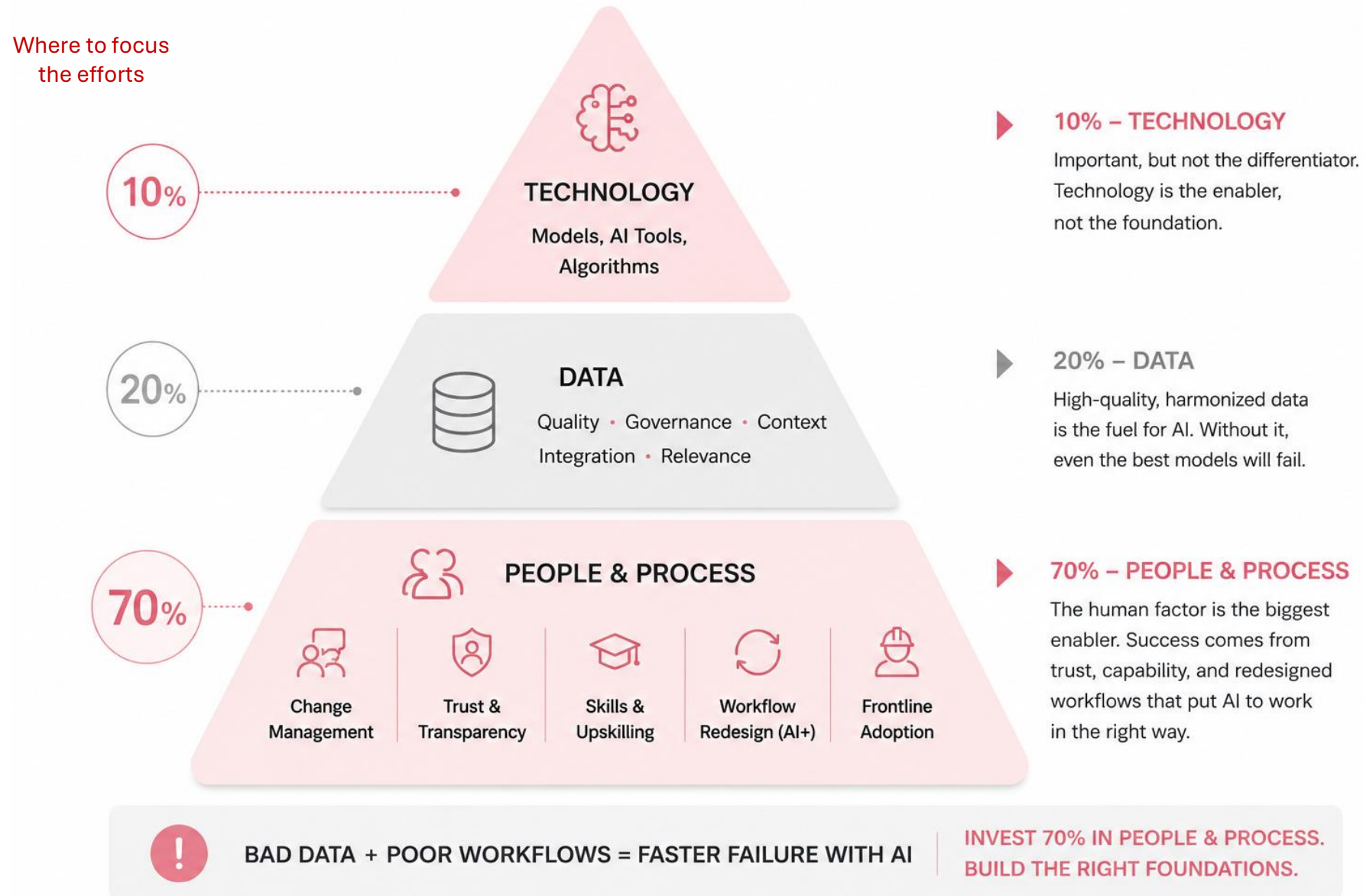
When using AI systems people can over-trust automation and skip verification, which is a recipe for quiet, systematic error.

The most effective path is a hybrid AI + human model. AI for the speed + humans for context, judgment and control decisions.

## 4. Trust must be designed



## 5. People and data before models







BUSINESS AS UNUSUAL