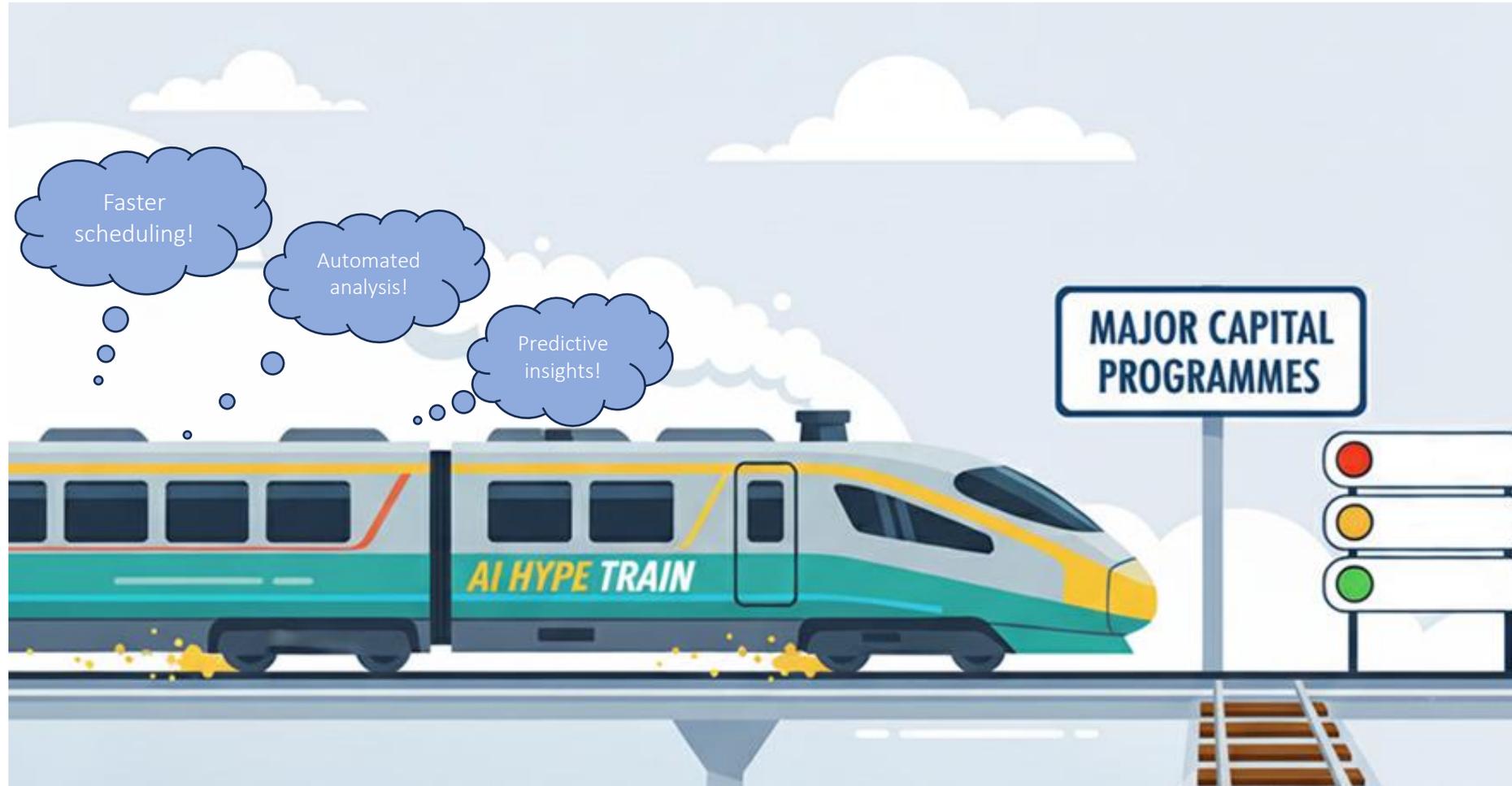# The AI Hype Train is About to Hit a Red Signal:
A Reality Check on Major Programmes

dr Grzegorz Grzeszczyk
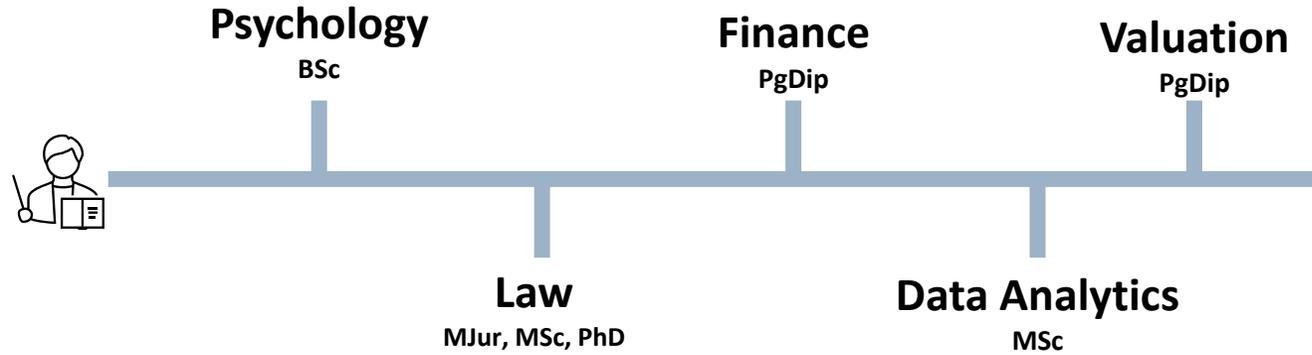
Senior Associate Director of Risk
Amentum

Project Controls
EXPO
London, UK

The AI Hype Train is Approaching the Station

About me

Psychology
BSc

Finance
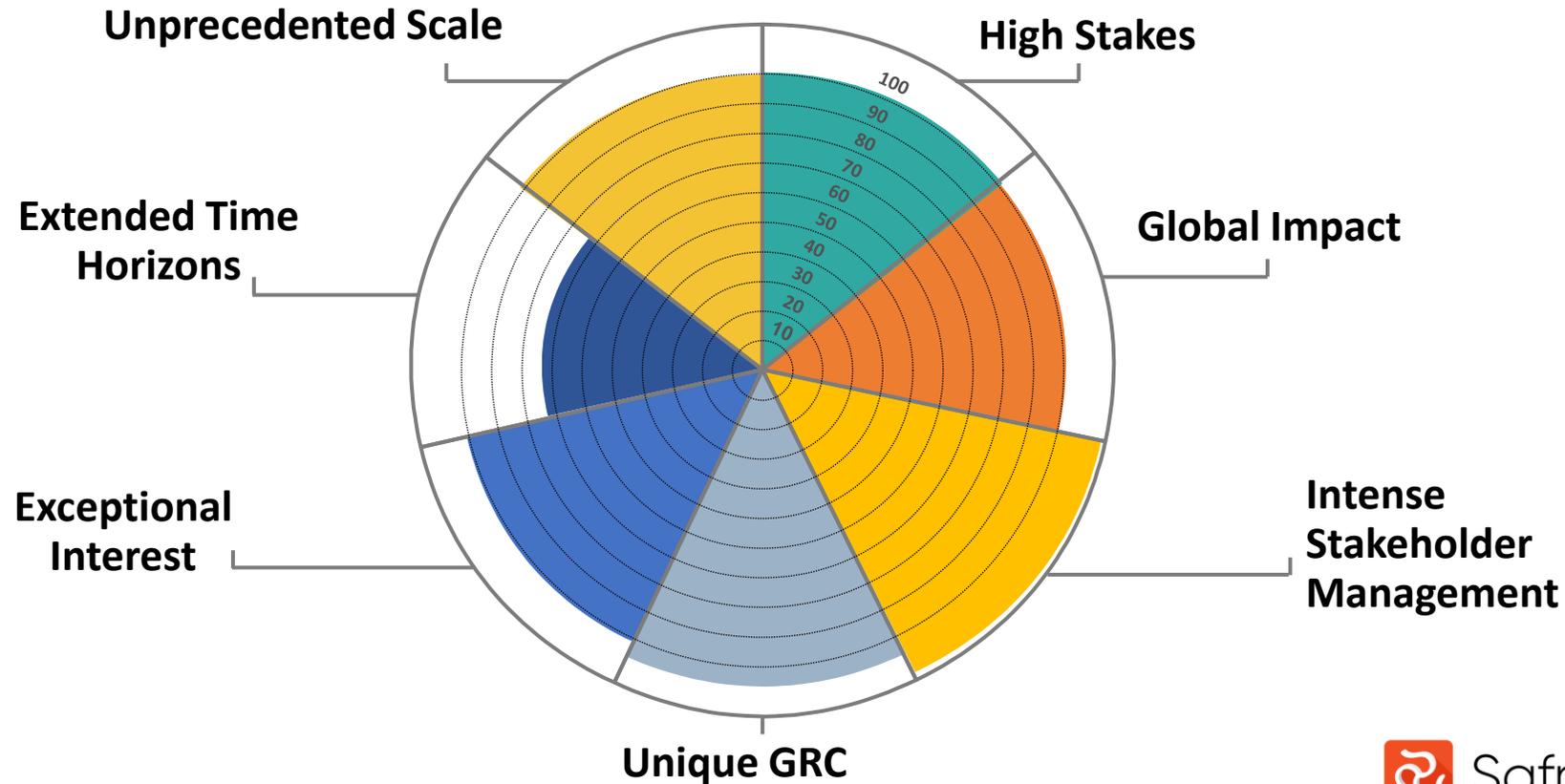PgDip

Valuation
PgDip

Law
MJur, MSc, PhD

Data Analytics
MSc

Solidarity
Network
C
Thames National Airport
Rail Grid TFL Central
Water Heathrow Sizewell
Metrolinx
Crossrail

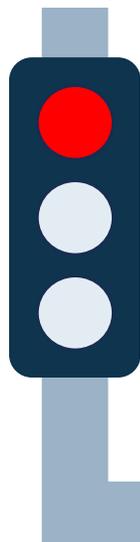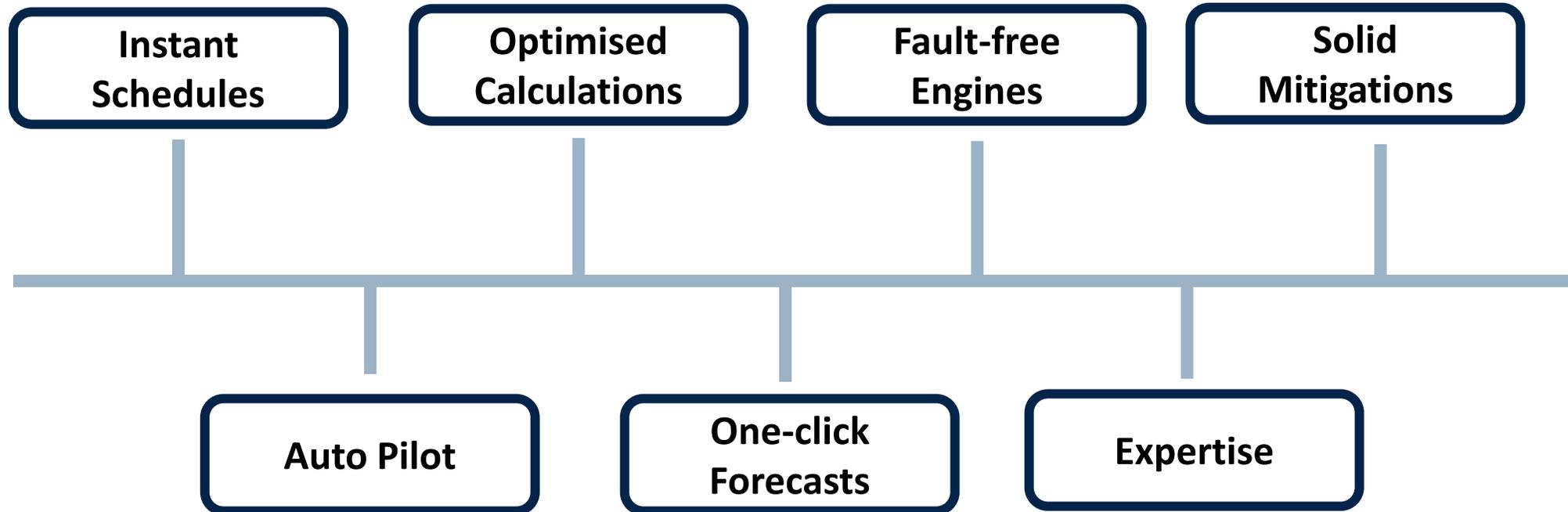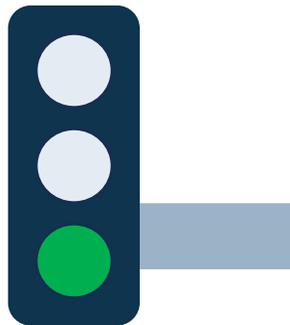# The Unique Demands of Major Programs

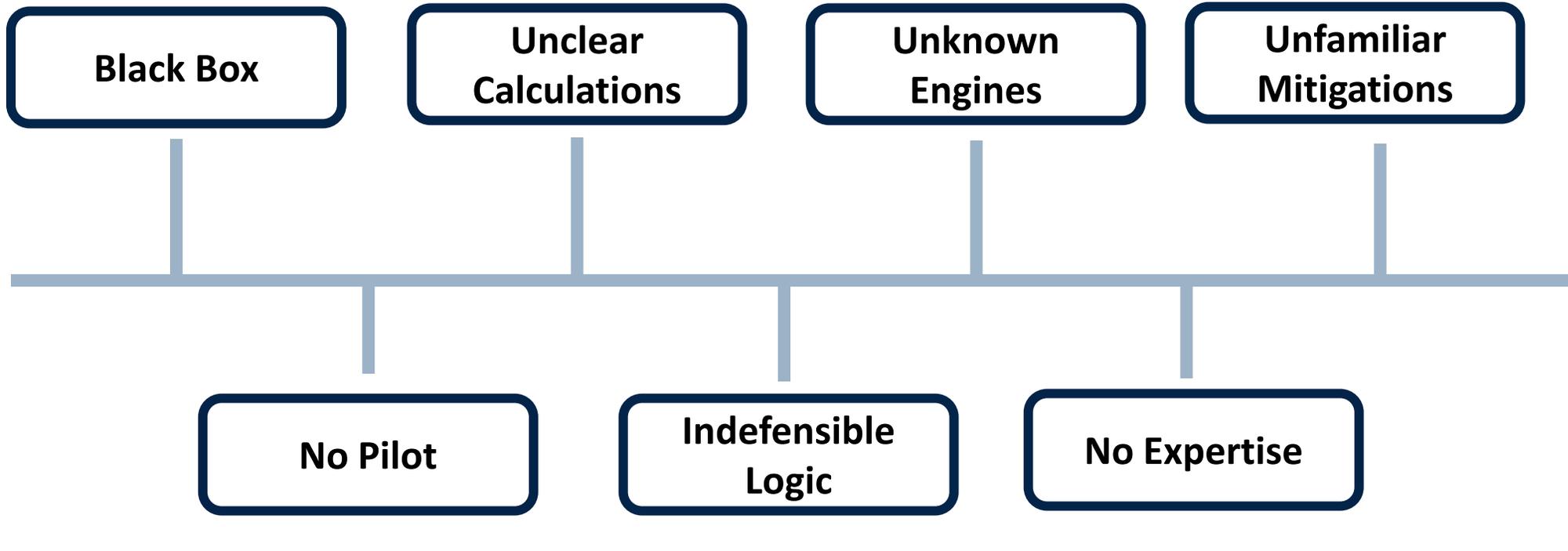# Hype vs. Help – The Promises of AI

Hype vs. Help – The Promises of AI

PM'S REALITY

Black Box

Unclear Calculations

Unknown Engines

Unfamiliar Mitigations

No Pilot

Indefensible Logic

No Expertise

Check #1: The Black Box vs. The Glass Box

Opaque Algorithms

Poor Traceability

Failed Assurance

THE BLACK BOX

BLACK BOX

GLASS BOX

Transparent Model

Computational clarity

Defendable Answers
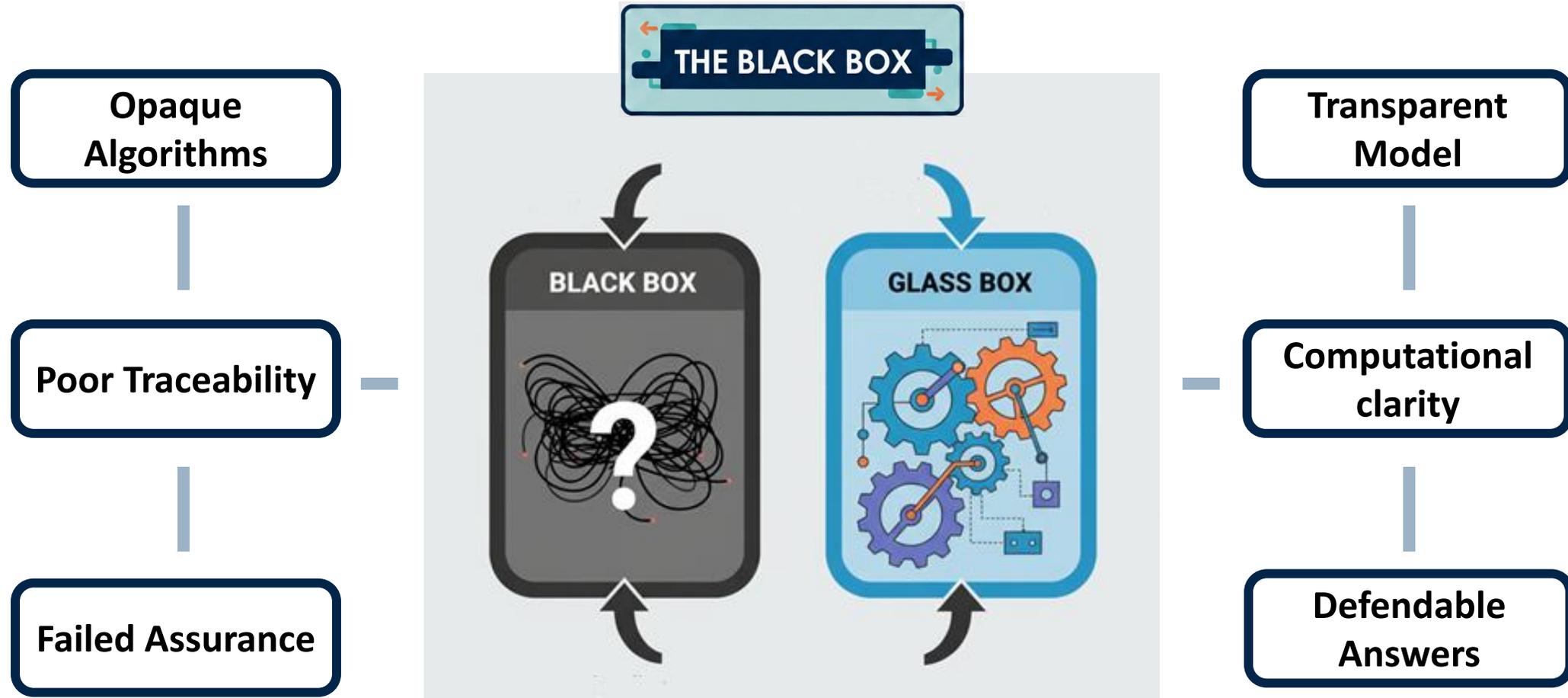
Check #1: DRAM Framework (Critical Questions)

THE BLACK BOX
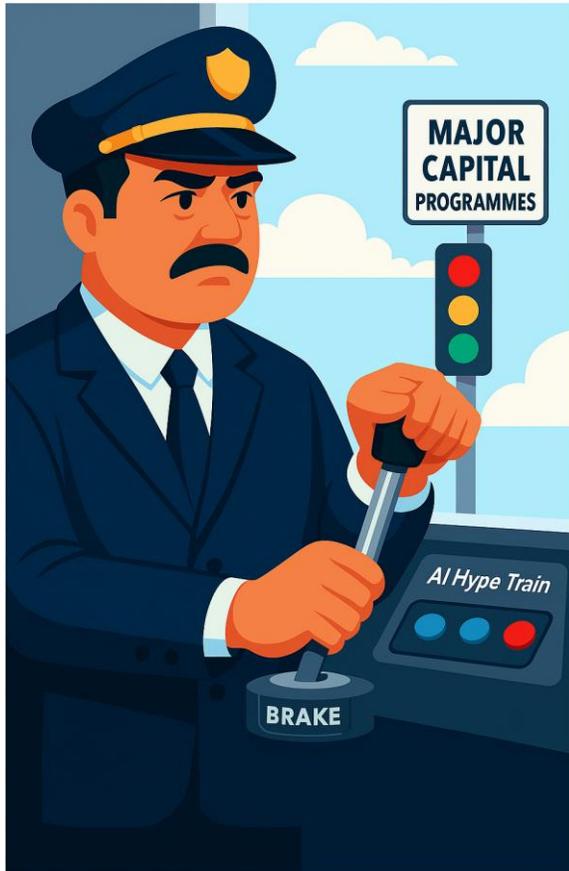
Duration spread?

Relationship: series or parallel?

Which algorithms?
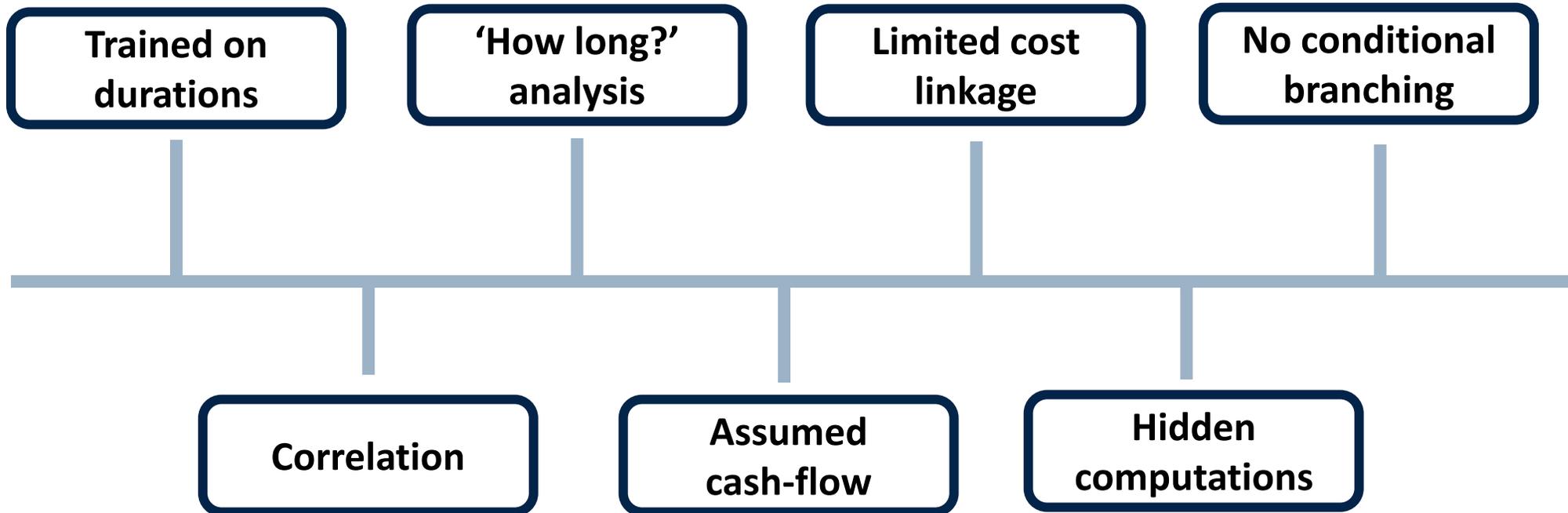
Mitigations success rate?
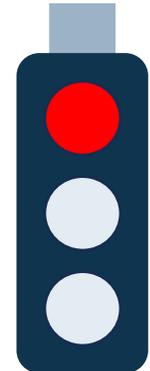
Check #2: The Myth of the AI Schedule

Trained on durations

'How long?' analysis

Limited cost linkage

No conditional branching

Correlation

Assumed cash-flow

Hidden computations

Check #2: The Myth of the AI Schedule

Full transparency

Every question answered

Sky-is-the-limit assessment

Advanced settings

Scripting

True cash-flow

Verifiable computations
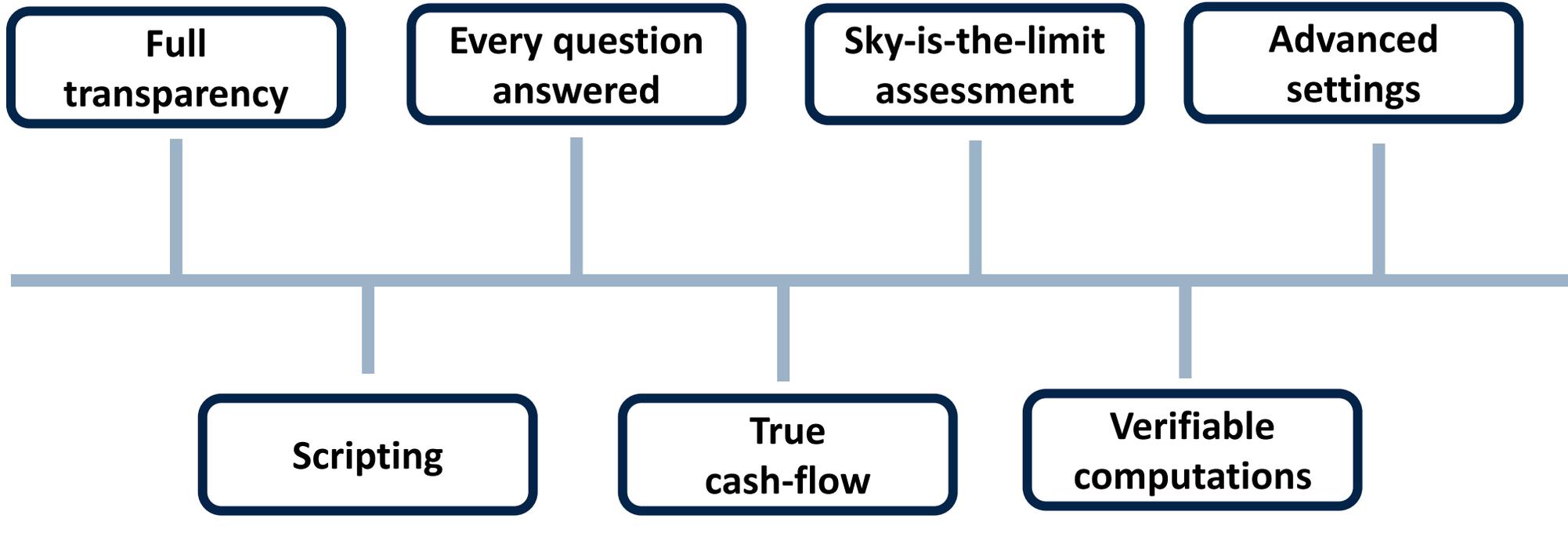
Check #3: Modelling What Hasn't Happened Yet

THE NEW

Requires patterns

Cannot model new tech

Misses context specific risks

Probabilistic Branching
Model go/no-go decisions

Risk Calendars
Rime-dependent risks

Advanced settings
Link costs, probabilistic mitigations, scripts

Check #4: Mitigation, Action, and the Audit Trail

MITIGATIONS

AI identifies, but can't model responses

Mitigation modeling is critical

Existence risk? Probabilistic branching?

Safran

Project Controls EXPO
London, UK

Check #5: Data-Rich vs. Knowledge-Rich Analysis

ANALYTICAL VALUE

AI needs vast and clean historical data

Quality data = quality insights

Garbage in, confident garbage out

Expert-logic beats extrapolation

Dashboards without context

Data integration + automation

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London, UK

Where AI Is Gaining Traction?
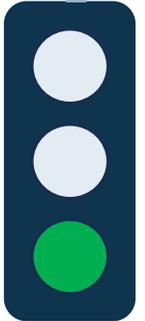
The Hybrid Future (Be an ACE!)

THE FUTURE

A
Automate

C
Curate

E
Execute & Explain

AI can be my friend

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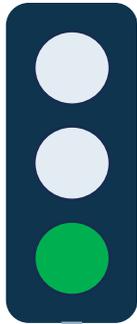
Trust, But Verify

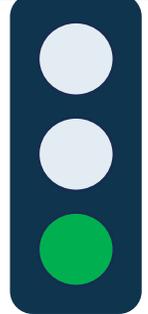

CONCLUSION

Embrace innovation responsibly

Ask hard questions.

FINISH

Use transparent tools

Prioritise 'how fast' over 'how right'

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London, UK

Thank You

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Your Company Logo