

# Let's close the conference with a glimpse of the future....

We had an excellent, informative, and fun conference!

# Safran Project Advanced Control Environment (SPACE)

# Why Project SPACE ?

## Future requirement Study

What does project management look like in  
5 years?

- What needs to be invented?
- What is the framework?
- What are the community of planners, schedulers, project managers, and risk analysts across industries thinking about the future?
- How is it to be delivered?
- What technologies are available

# SPACE

Future Requirement Study

Safran research

Customer meetings

Thought Leaders workshops

# Research

- Decision models. OODA (Observe Orient, Decide, Act) loop
- Decision in Context Cynefin (ku-nev-in) Framework
- Governance models
- Transparency (OECD)
- Project 4 – digitalization and integration of project lifecycle
- Value chain/supply chain; Integration management
- ML in performance prediction/Change forecast
- Visual Workspaces,

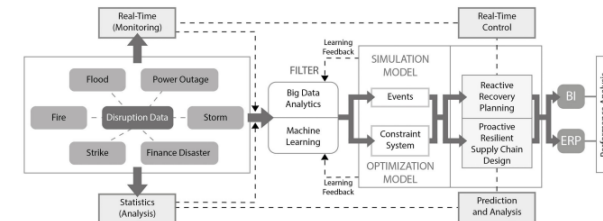
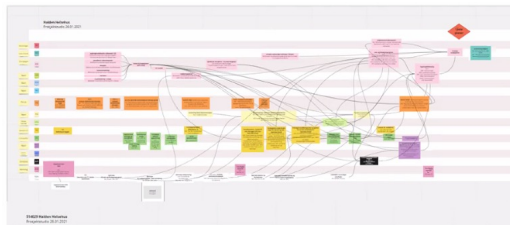
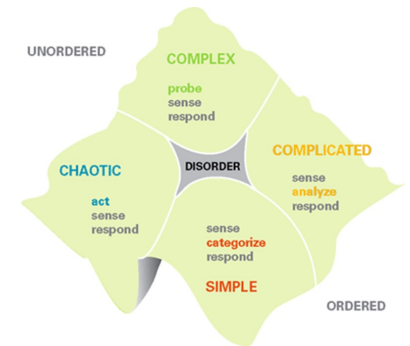
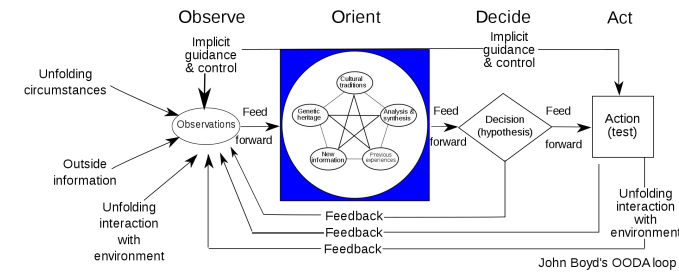
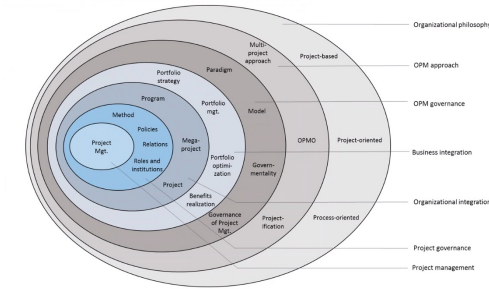


Figure 2. Digital supply chain twin for managing disruption risks.

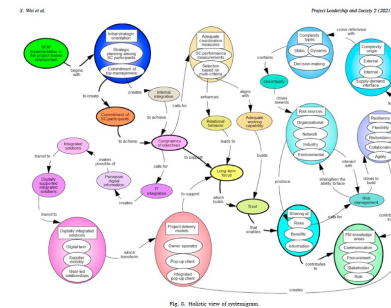


Fig. 6. Holistic view of cynefin.

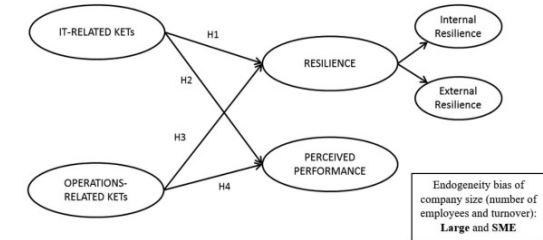


Figure 1. Hypothesized research model.

# Customer Research

- Planning as a discipline needs to be more proactive
- Decision making: robots warnings, exception reporting, and options to guide decisions
- Advanced schedule Checker, Risk, HSE, Work in parallel – provide guidance
- Impact on portfolio and programs
- Automation in planning, using historical data
- Unlock data and information to a big non-planner community, visualization
- Whiteboard and storytelling as part of decision making
- Backward scheduling when establishing the schedule
- Activity is key and focus, everything else is attributes
- Data standardization (industry standards)
- Access to everyone
- If real-time data is to be accepted, we need to have a known status of data/activities/progress – quality assurance.

# Customer Research

- Efficiency in planning- reduce routine work for planners
- Collaboration and openness across the supply chain – contacts and willingness to share
- Transparency – the liberation of data, allowing data to flow. How can we reduce the number of meetings, ticketing, messaging
- Reporting and real-time data
- Data sharing/automation of data sharing
- More sharing of data with the client
- Impact analysis of changes
- Schedule check, Critical Path, and float analysis
- Project 4

# Customer Research

- Project planning and execution as part of the digitalization projects
- Value chain integrations
- Feed data platforms
- Data liberation and automation
- Digital Twin is core to digitalization
- Provide insights
- Data Transparency and insight, viewing commenting, updating and correction etc.
- Flow
- From data collection to support for decision making
- Collaborative environment, data available for authorities, partners, vendor, clients etc



# Different Themes

- Decision Making – agile, democratized, open, Transparent, and offer guidance.
- Scope-Based Planning – agile performance measurement against a changing baseline. Scope and benefit
- Advanced Work Packaging
- Deliverable-based Planning
- Decision-based planning
- DNA Assessment – Project and workflow characteristics. Leverage historical data.
- Weak Signals – I should have seen it coming, If I only knew.
- Value-/supply chain Integration – open data available through a connected supply chain.
- Whiteboard – visual planning and/or messaging.

# Desired Outcomes

## Decentralised Decision Making *leading to more effective responses*

- Eliminating or reducing barriers to effective decision making and approval by enabling more localised group decision making with shared accountability thereby overcoming some of the behavioural barriers

## Optimise Decision Making *to improve Decision Quality*

- Determine the right frame, understand alternatives, gather meaningful data, consider trade-offs, use logical reasoning and commit to action

## Accelerate response to change *to minimise disruption of value to stakeholders*

- Faster cycling of OODA Loops (Observe, Orient, Decide and Act) – Ultimately a method or process to make effective (rational) decisions when the situation is confusing, pressured or evolving fast (*hence suited to emergent and unforeseen scenarios*)

**The anticipated business benefits are realised in overcoming the previously described business challenges!**

# DECISION MAKING FRAMEWORK

## OBSERVE

Weak Strong



## ORIENT

Patterns Trends People Context

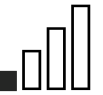


## DECIDE

Short Medium Long



## ACT



Signals



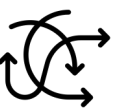
Scope & Benefits



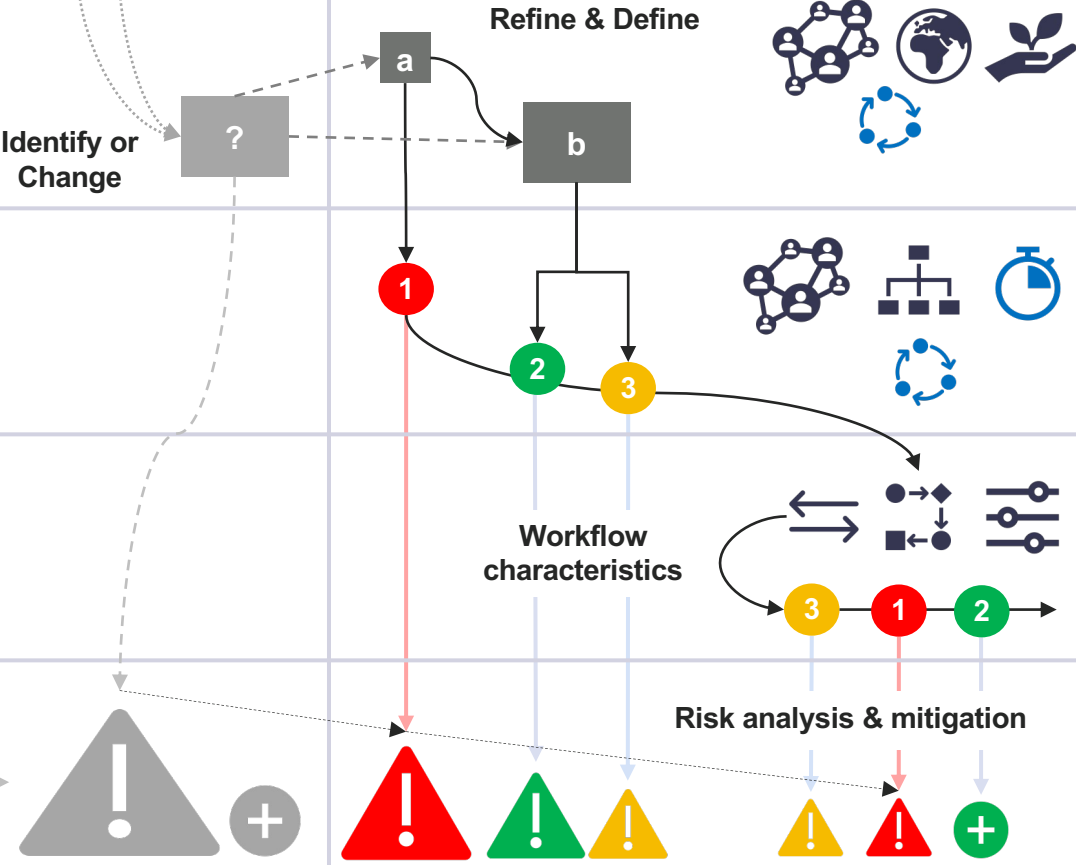
Advanced Work Packages



DNA Assessment



Risk & Uncertainty



Criteria

A B C



Criteria

A B C



Criteria

A B C



Risk Strategy & Scenarios

1 2 3

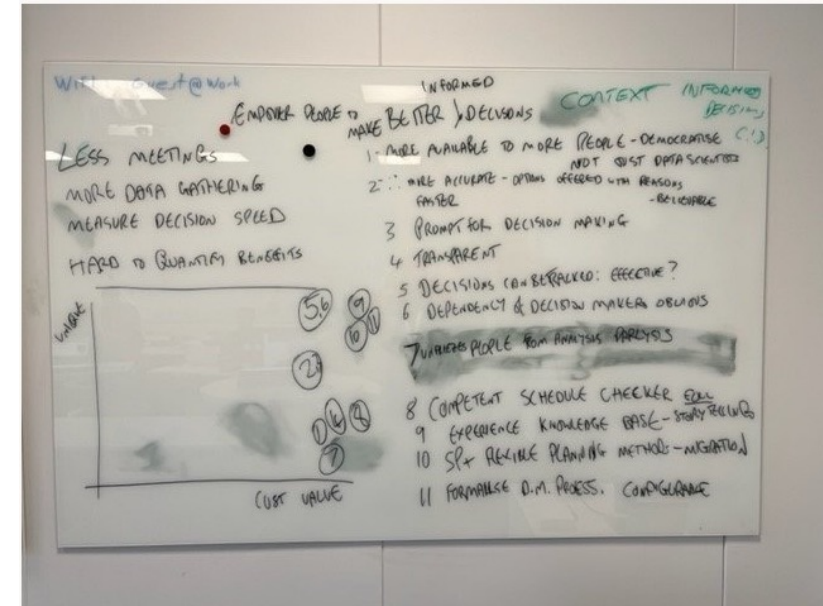
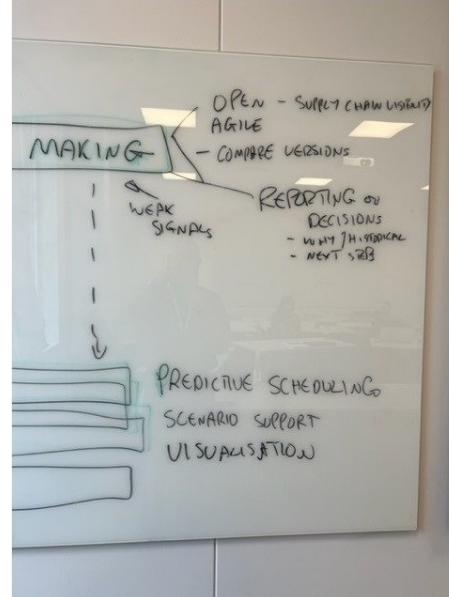
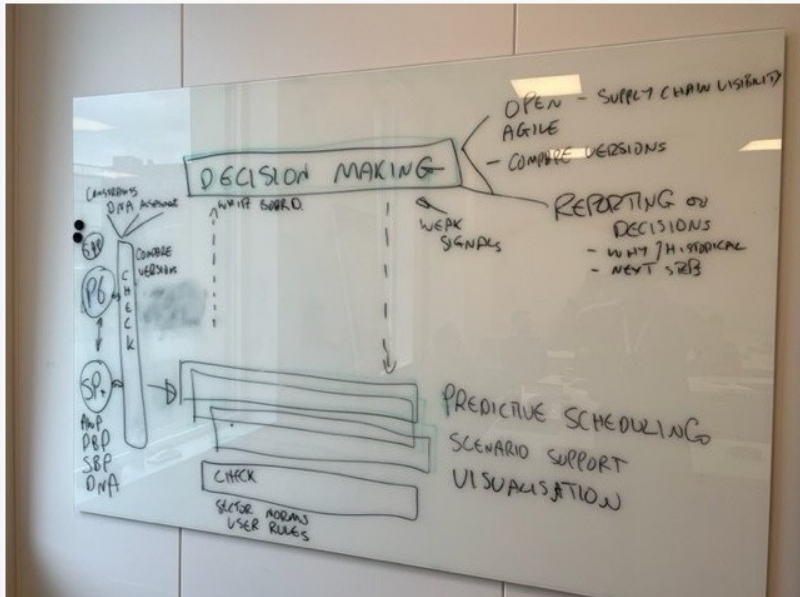


MODULES

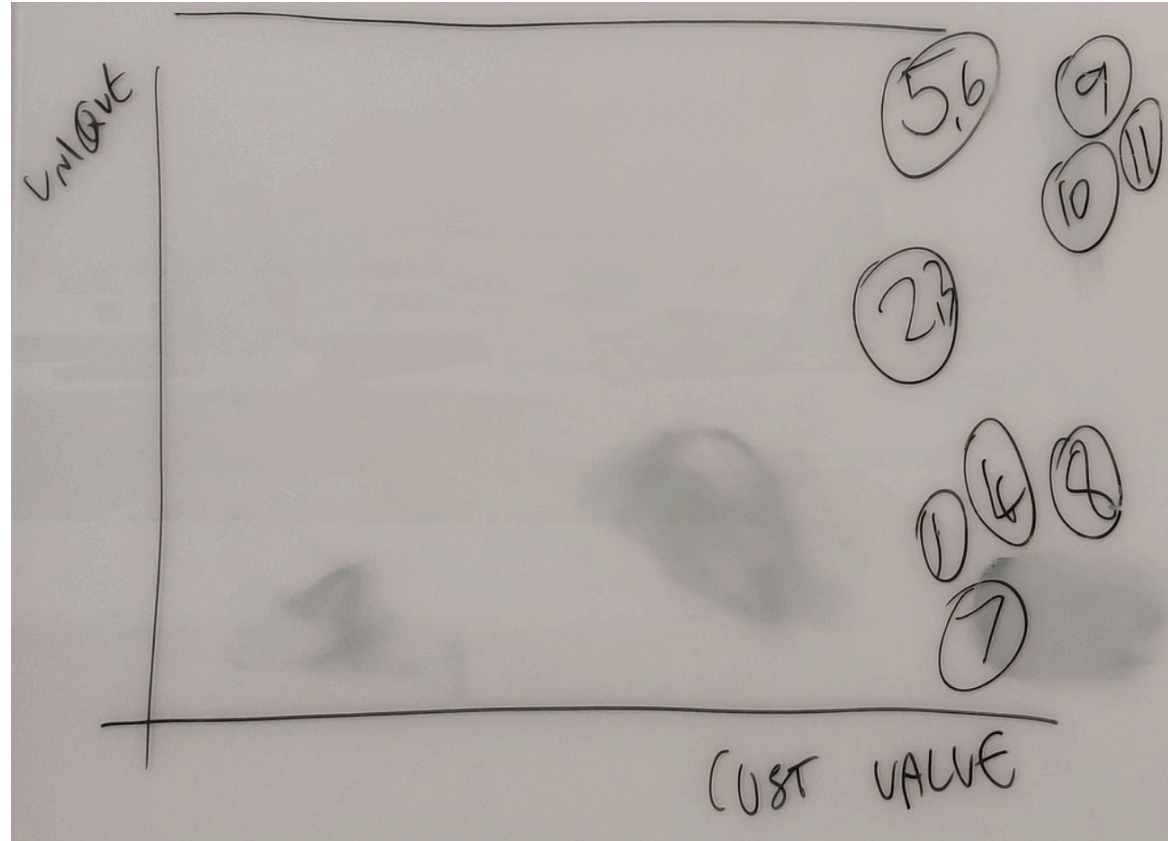
# Workshopped Outputs and Outcomes

Empower people to make better informed decisions faster

- More available to more people – Democratise (Not just for “data-scientists”)
- More accurate – Options offered with believable reasons (context rich options)
- Prompt for decision-making to pro-actively occur (decisions acknowledged & testable)
- Decision based/delivery based planning
- Transparency across an invited supply-chain /partners/stakeholders
- Decisions can be retrospectively tracked (their effectiveness measured objectively)
- With any dependency of decision-makers made plainly obvious to others
- People defrosted (unfrozen) from their regular state of '*analysis paralysis*'
- Competent schedule checker
- Experience & knowledge-base that actually provide narratives (story contexts)
- SP+ flexible planning methods e.g.
- Formalised Decision-Making process (that is also configurable)

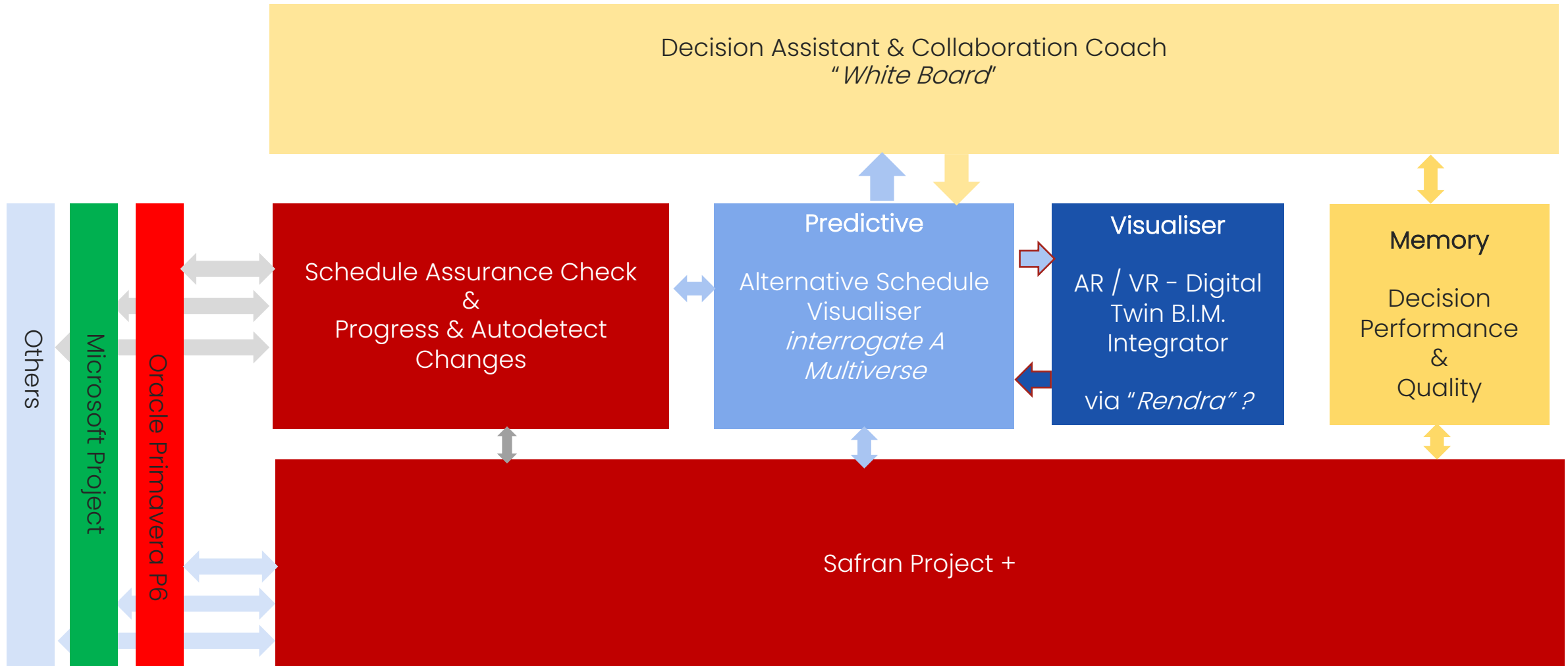


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- 5) Decisions can be retrospectively tracked (their effectiveness measured objectively)
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- 8) Competent schedule checker
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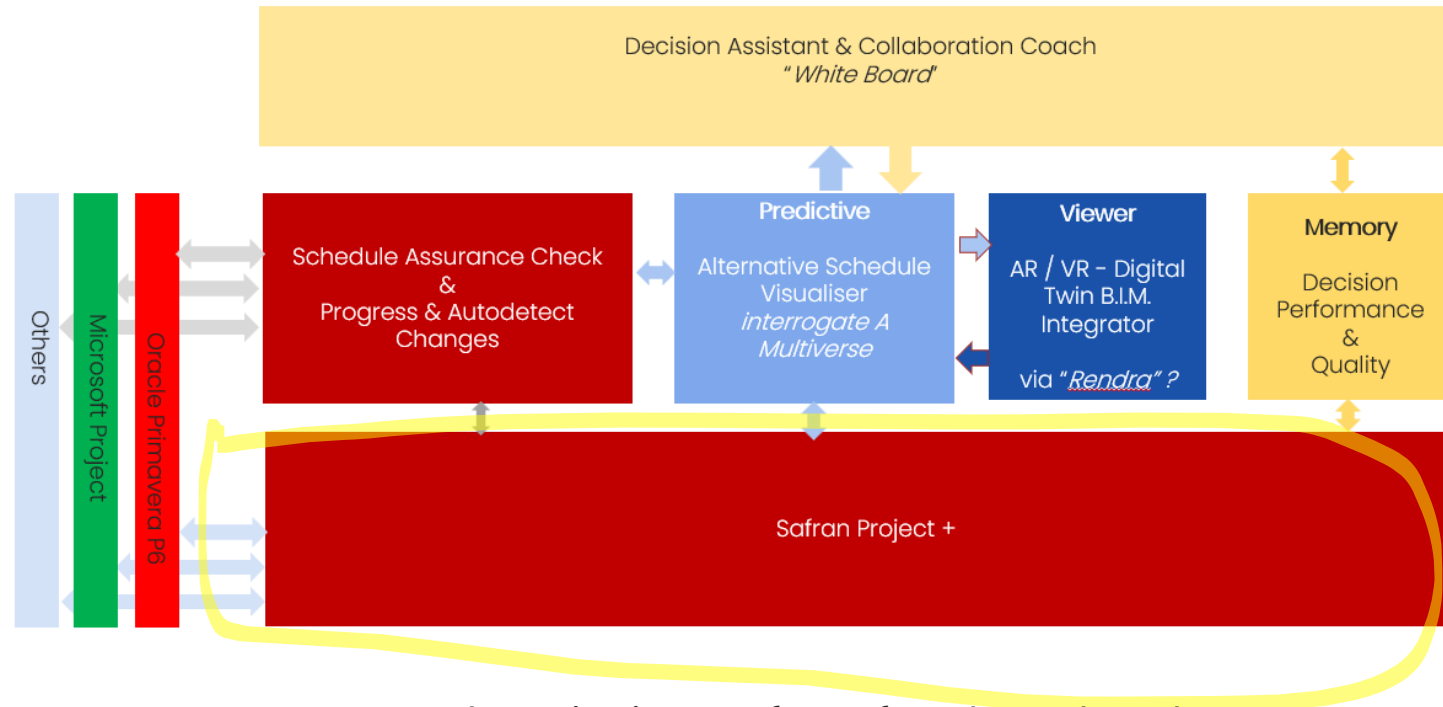




# What does this look like?



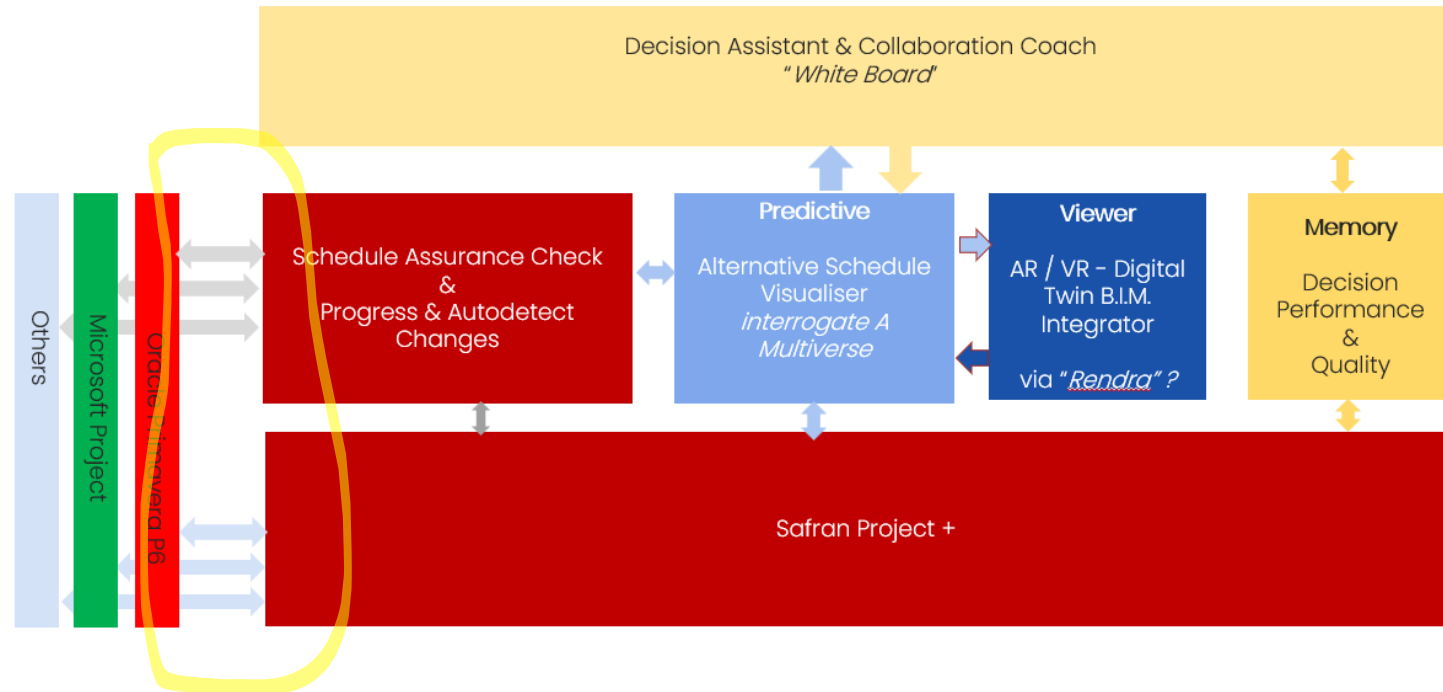
# First Building blocks



Move and optimize Safran for the Cloud  
Extend to support flexible practices:



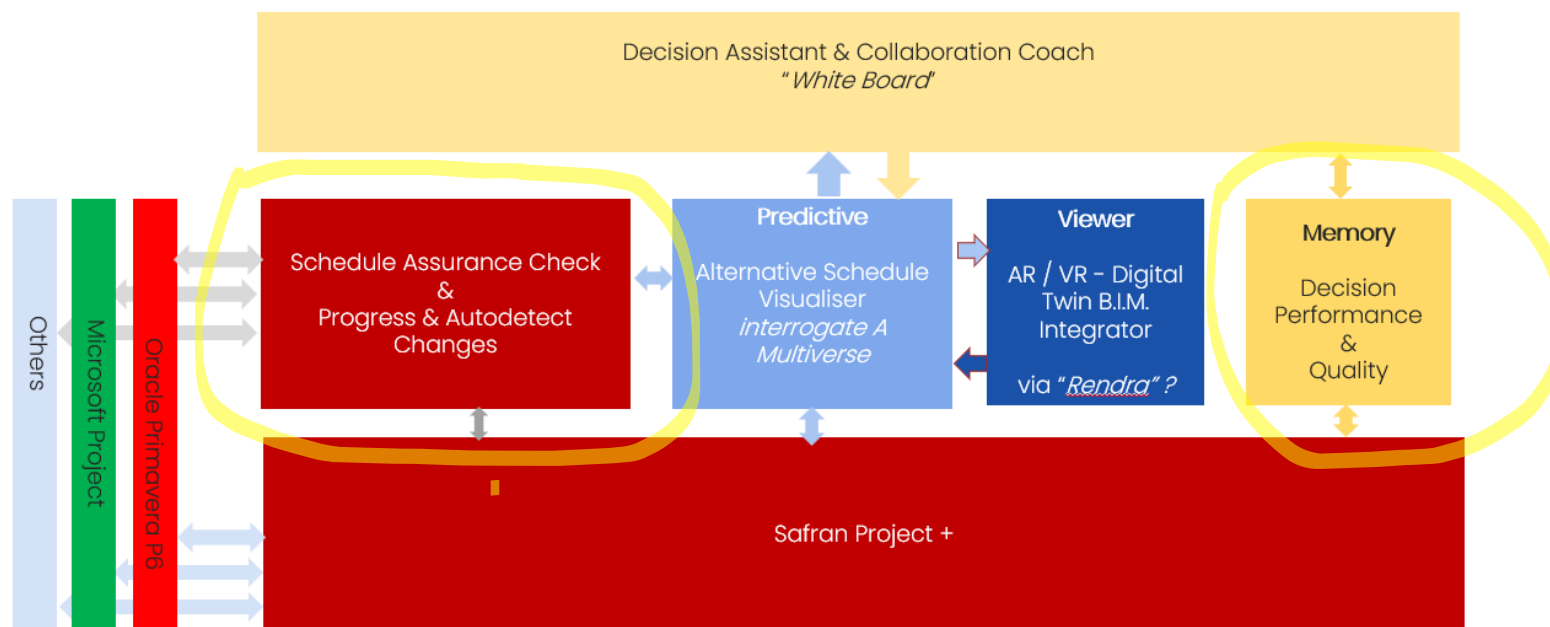
# First Building blocks



Integrations:

Improving API's, support for more files and formats

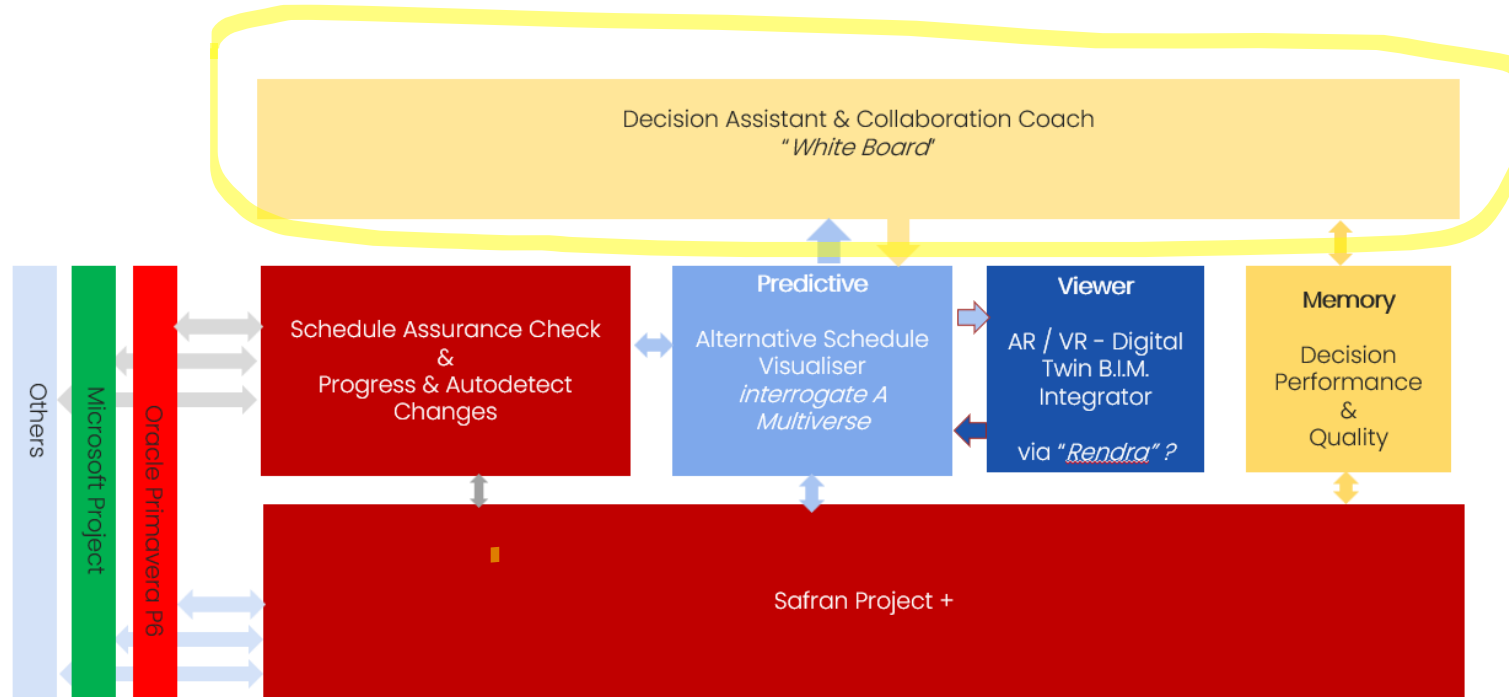
# First Building blocks



Schedule Assurance Check:  
Memory (part 1):

Analyse the schedule against a broad set of metrics and guidelines  
Storage of project data including external systems. A lake of project data, versions, and more. Allows for comparison, analytics, and future of learning, (ML/AI)

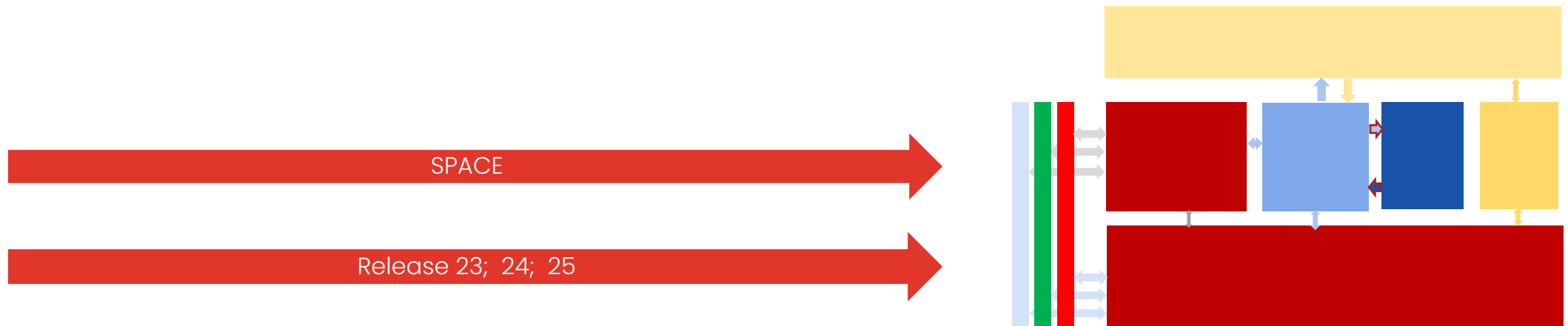
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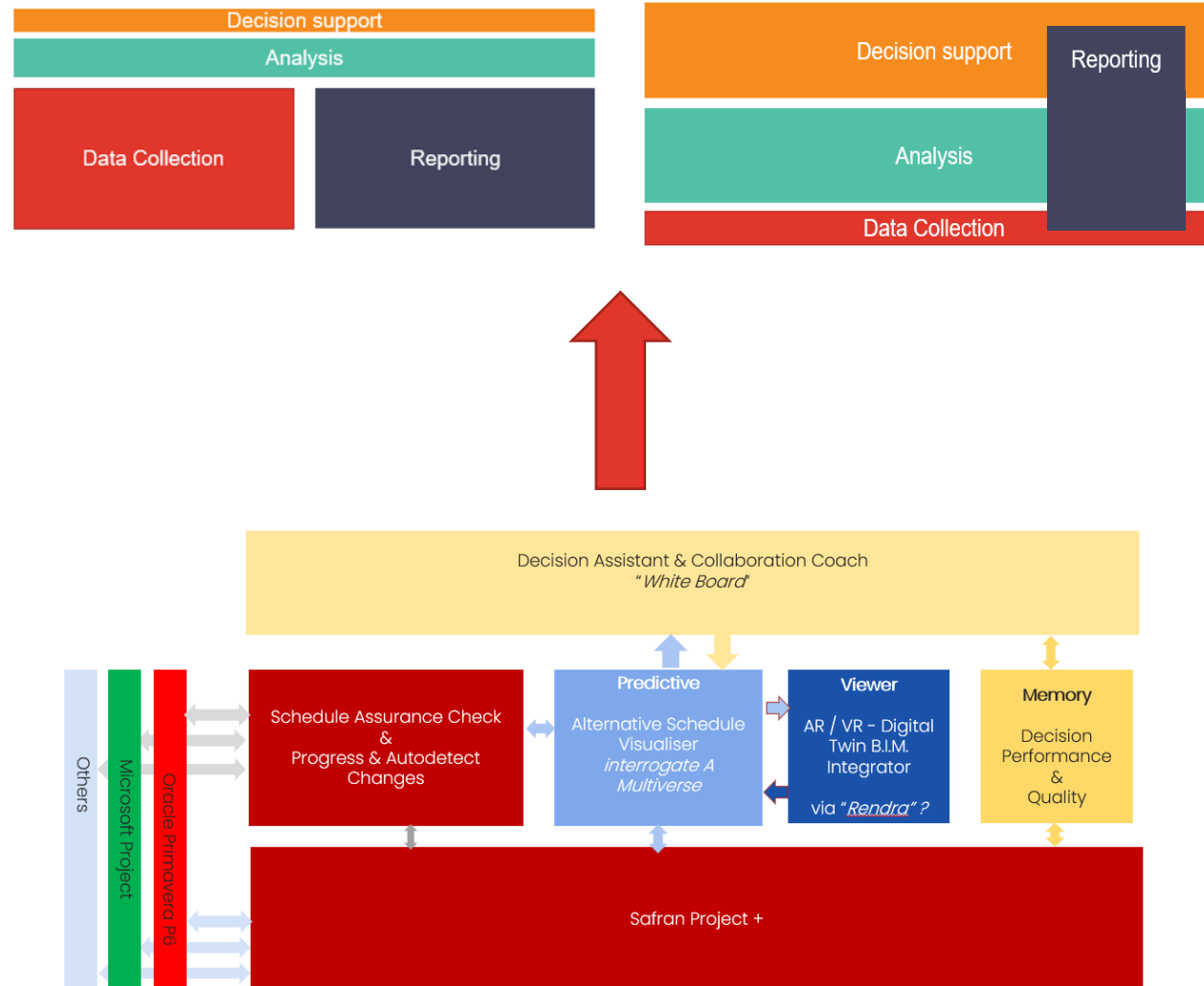
Currently seeking funding for the Decision Assistant and Collaboration Coach

# Resourcing

- An overlapping development – the first recruit being sought now
- JDM Technology ready



# Technology supports the business



# So that was Day 2...

Thursday, November 10th

09:00 - 09:15

Good Morning,  
Welcome to Day 2 of The Conference

Jørgen Aasland & Richard Wood,  
Safran Software Solutions AS

09:15 - 09:45

Megatrends That Influence Execution  
of Capital Projects

Eirik Rasmussen, Partner PwC

09:45 - 10:15

Beyond The P Dates

Santosh Bhat,  
Risk Practice Director, Allinno

10:15 - 10:45

Break and Demo Theatre

Safran Project New Project Group features

Safran Risk New report generation (22 feature)

10:45 - 11:15

Polycentric Governance For Projects

Ralf Müller,  
Professor of Project Management Department  
of Leadership and Organizational Behavior.  
Editor-in-Chief, Project Management Journal

11:15 - 11:45

Why and How to Use SRA as a Tool –  
What Are The Benefits And What  
Opportunities Does This Give to  
The Project Manager

Ann Kristin Åbø,  
Equinor, Johan Sverdrup Phase 2

11:45 - 13:00

Lunch

13:00 - 13:30

Time Location charting of Safran Project  
/ Risk schedules for linear projects

Santosh Bhat,  
Co-founder & CEO Linear Project Software

13:30 - 14:00

TBA

14:00 - 14:30

Break and Demo Theatre

Safran Project New Report Package features

Safran Risk New Import of xer/MSP files (21 feature)

14:30 -14:50

Clever Usage of Calculated Text  
Fields

Thomas Aksnes,  
Safran Software Solutions AS

14:50 - 15:10

How to Use Barchart Editor to Make  
a Key Milestone Overview Report

Kjetil Byklum,  
Safran Software Solutions AS

15:10 - 15:30

New Feature Demo: Count  
Activities – Create Quantity  
Histogram and S-curves

Gøril P. Karoliussen,  
Safran Software Solutions AS

15:30-16:00

A Glimpse of The Future Before  
we Close The Conference

Richard Wood,  
Safran Software Solutions AS

## Wednesday, November 9th

15:00 – 16:00

Registration  
Coffee & Freshments  
Meet your friends and mingle

16:00 – 16:15

Welcome to Forum Safran

Richard Wood,  
Safran Software Solutions

16:15 – 16:30

Safran Status, World Around Us,  
25 Years of Serving The Industry

Richard Wood,  
Safran Software Solutions

16:30 – 16:50

Safran Project Short-term  
Roadmap

Gøril P. Karoliussen,  
Safran Software Solutions

16:50 – 17:10

Safran Risk & Risk Manager  
Short-term Roadmap

Glenn Jarrad,  
Safran Software Solutions

17:10 – 17:30

Use of Safran API in integrated  
planning

Anne Martha Bjørnsson Bø,  
Equinor

17:30 – 18:00

Break and Demo Theatre

Safran Project New feature – Multiple Float paths  
Safran Risk Input fields in the cost module

18:00 – 18:30

Experiences From Development Projects  
on The Norwegian Continental Shelf

Helge Hatlestad,  
Acona

18:30 – 19:00

Brevik CCS Projects' evolution of  
uncertainty analysis

Peter Moberg, Senior Manager,  
Metier OEC AS

19:00 – 19:30

Closing of Day 1

20:00

Dinner

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Richard Wood



Richard Wood  
CEO and Host,  
Safran Software Solutions



Glenn Jarrad  
Chief Technology Officer,  
Safran Software Solutions



Peter Moberg  
Senior Manager,  
Metier OEC AS



Eirik Rasmussen  
Partner, PwC



Ann Kristin Åbø  
Lead Planner, Johan  
Sverdrup Phase 2 in Equinor



Ralf Müller  
Professor of Project  
Management, BI  
Norwegian Business School  
DBA, MBA, PMP



Thomas Aksnes  
Senior Project Planner,  
Safran Software solutions AS



Lars Sandbakk  
Senior Consultant



TBA



Gøril P. Karoliussen  
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Safran Software Solutions



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Civil Engineer,  
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Santosh Bhat  
Safran Partner,  
Co-founder & CEO,  
Linear Project Software



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Anne Martha Bjørnsson Bø  
Principal Engineer  
Planning O&M, Equinor



Jørgen Aasland  
Sales Manager, Nordics at  
Safran Software Solutions



Tore Malmin Sætre  
Operations &  
Support Manager



Frederik Dahlberg  
Safran Risk Lead  
Developer

# Complete the Survey to win!!







Så det var Forum Safran 2022....

Takk alle sammen for at dere kom

vi ses neste år!