Enabling Organizational Decision Quality with Digital Technology

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OMV Exploration & Production

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Enabling Organizational Decision Quality with Digital Technology

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The energy for a better life.

OMV started DigitUP Program to fully capitalize on digitalisation One value driver: Value-driven, data-based decision making



- Decision Quality supports all three strategic pillars
- Implementation a.o. through partnerships e.g. with SLB



Value-driven, data-based decision making A fundamental part of Field Development Planning

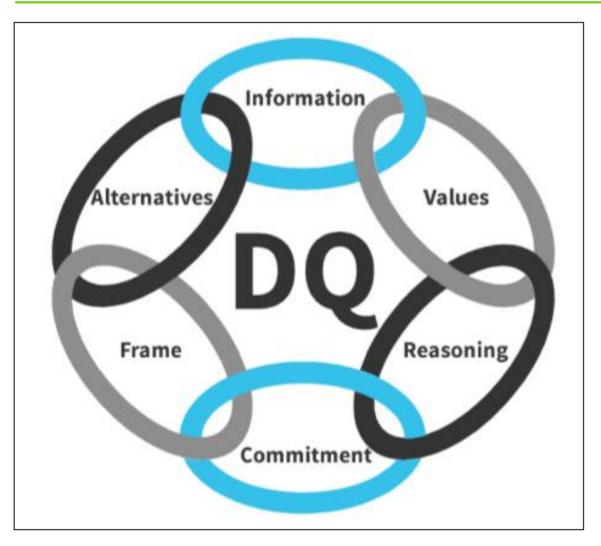


Agenda

- **WHY** Benefit of a Decision Process
- **HOW** Decision Quality Implementation in FDPIan
- WHAT Features and Vision



Complex decisions require a clear and efficient process Based on Decision Quality (DQ) framework

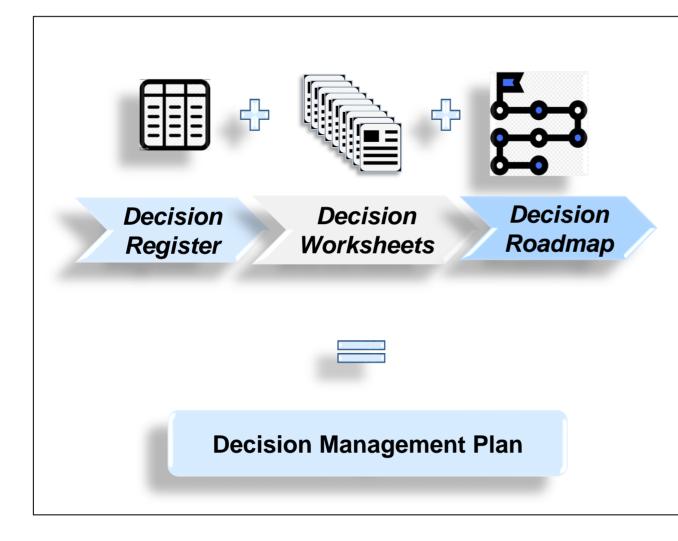


Benefits of a Decision Quality process:

- Improved speed, value, consistency, and transparency of OMV's project portfolio
 - Structuring decisions to capture more upside and mitigate downside risks
 - Clear sight of value in line with company strategic and financial objectives
- Clarity in ownership & accountability combined with empowerment & integration
 - Teams are gaining cross-functional understanding leading to real integration and acceleration through less conflicts
- **DQ** to become a "culture", **a mindset**



OMV's Decision Management Plan comprises 3 main elements Register – Worksheets – Roadmap



Elements of **Decision Management Plan**

1) Decision Register

 List of important decisions including metadata such as due dates, responsible parties, stakeholders, etc.

2) Decision Worksheets

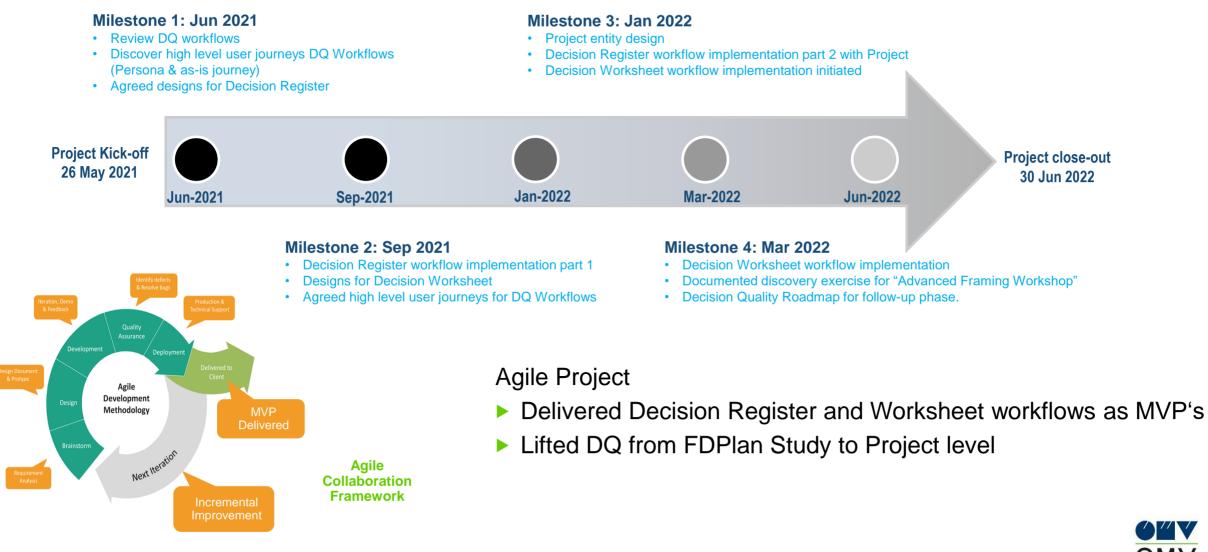
Planning and tracking of activities to attain the 6 elements of DQ

3) Decision Roadmap

Integrated scheduling of important decisions



SLB & OMV Co-Development – Implementation of DQ in FDPIan Project Timelines and Deliverables



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DQ in FDPIan – User Experience video

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Decision Register Visible, logic-based decision tracking

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Decision Worksheet (1) Applying Decision Quality

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election Criteria (9)	Frame	Reasoning
Energy efficiency		
Schedule flexibility	Commitment	

Decision Worksheets = The details of a specific decision

- Tracks the activities and information against the 6 Decision Quality elements
- Enables assessing the quality of a decision on an ongoing basis



Decision Worksheet (2) Applying Decision Quality

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Selection Criteria (9)		(+) Add
Environment Energy efficiency		
Schedule flexibility		
Environment: Energy efficiency		
Technical: Flexibility for well count and placement system		
Technical: Flexibility for offloading solutions		

Cost / Value: Hardware cost

Field life operability	fe operability	Field life
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Flow Assurance and Productivity (recoverable volumes)

Technical: Fitness for purpose



Decision Worksheets = The details of a specific decision

- Workflow logic follows Decision Quality elements
 - Creative Alternatives = "Choices"
 - Values & Trade-offs = "Selection Criteria"
 - Logically Correct Reasoning = "Analysis"
 - Commitment to Action = "Commitment to Action"
 - Reliable Information = "Knowledge Board"

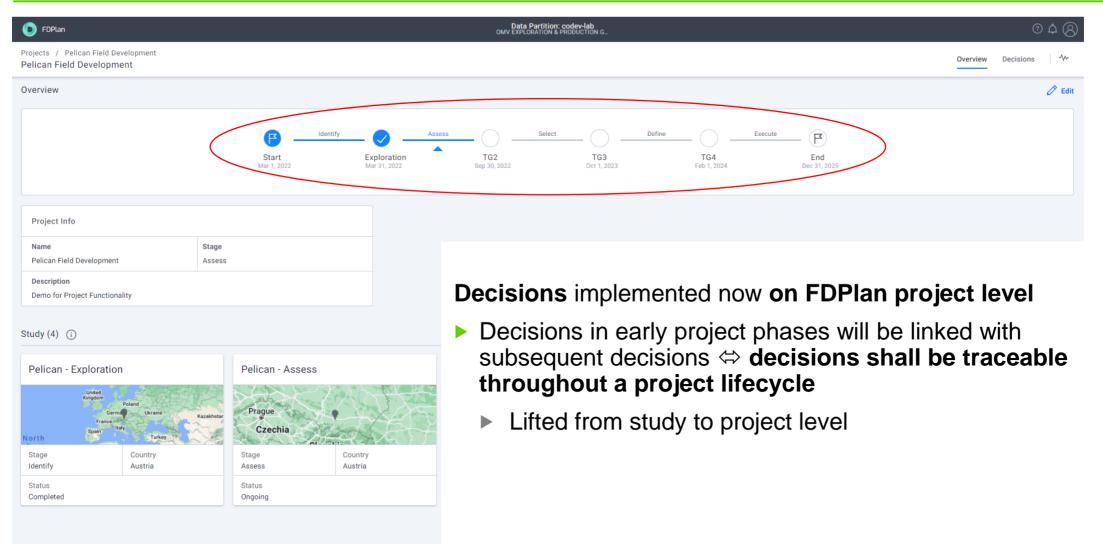


Decision Worksheet (3) Applying Decision Quality – Linking Knowledge to Decisions

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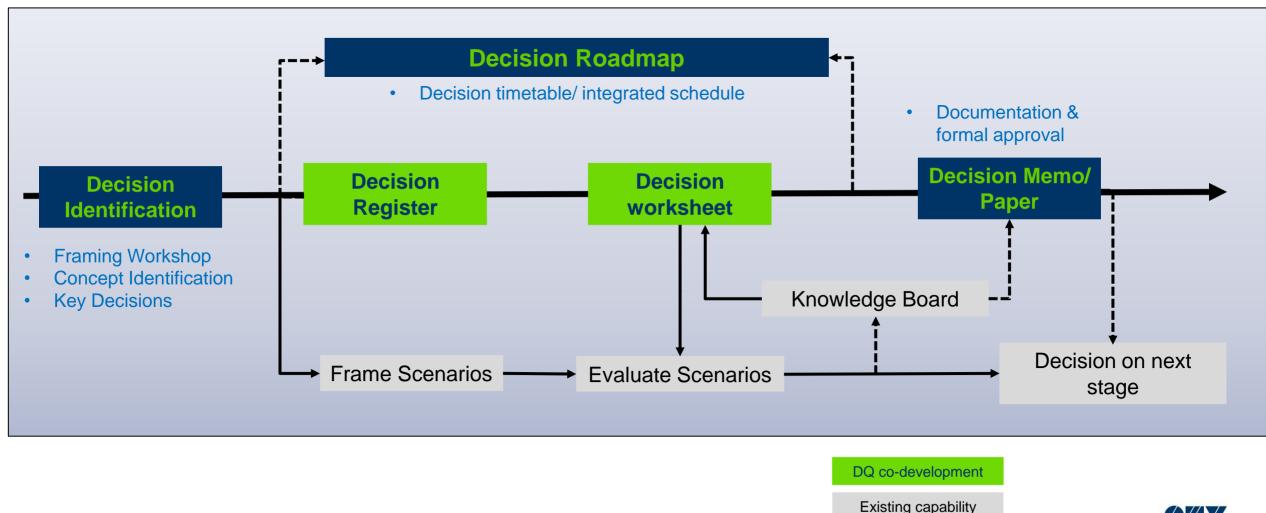


Projects Managing decisions across the Project Lifecycle





Decision management lifecycle in FDPIan DQ Co-Dev achievements, existing and envisaged functionalities



Internal

Future possibility



Value-driven, data-based decision making A fundamental part of Field Development Planning



Summary

- WHY A Decision Process supported by data-based decision making enables a clear sight of value in line with company strategic and financial objectives
- HOW We implemented in FDPIan intuitive-to-use features to track decisions and assess their quality, guiding a user through the Decision Process
- WHAT We successfully realized Decision Register and Worksheets on FDPIan project level to capture full project lifecycles

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