



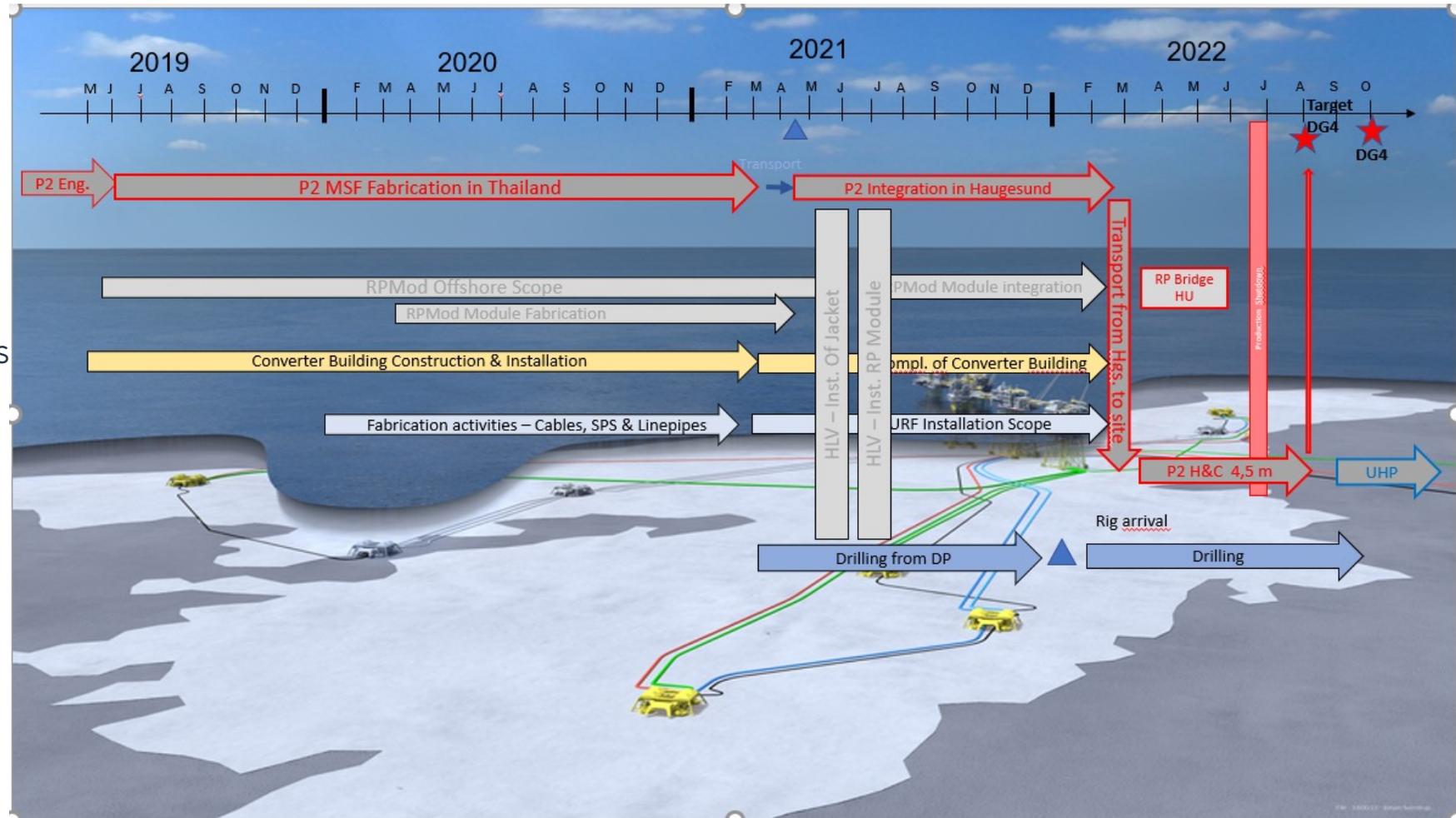
equinor

Why and how to use SRA as a tool.

What are the benefits and what opportunities
does this give to the Project Management

Johan Sverdrup phase 2

- Facility scope
 - P2 platform
 - New RP module
 - Power from shore
 - 5 Subsea templates
 - 106 km pipelines
- Used 32m manhours



Why and how to use SRA as a tool –

- *Why;*
- *Company requirement to run SRA in the decision process for project execution*
 - *Recommend to do SRA in the project baseline processes*
- *Align the project team(s)*
 - *Critical Path*
 - *Risks against schedule*
 - *Schedule interphases: Internal and external*
- *Predictable schedule*
 - *Forecast project milestones and end date*
- *Communicate outside project*
 - *Company Management, Partners, etc.*

Why and how to use SRA as a tool

How;

- Stakeholder management
 - Early call for meeting
- Preparation before meeting
 - Establish Schedule Risk schedule
 - Define Schedule assumptions
 - Schedule Risks and opportunities
 - Present and anchor schedule and assumptions within each project/sub-project team
- Schedule Risk assessment meeting(s)
 - Participants
 - Presentation of method, assumptions, schedule and risks
 - Assessment of risk & opportunities

Why and how to use SRA as a tool

How

- Document SRA results
 - Participants
 - Schedule assumptions
 - Critical activities
 - Probability to reach deterministic Start-up/finish date
 - Target schedule vs Expected schedule
 - Propose mitigating actions if needed

What opportunities does this give to the Project Management

Predictability

- Manning
- Interface / float
- Transportation windows
- Bed-capacity
- Cost forecast
- Schedule forecast/Finish date
- +++

Alignment across sub-projects

- Schedule risk awareness –

Communication

- Development from baseline to baseline

Johan Sverdrup phase 2 schedule development

- **Schedule Risks per baseline**

- Execution from August 2018 to November 2022
 - Sub-Projects part of SRa process
 - P2 Topside
 - P2 Jacket
 - New Module and Offshore module integration on JS Riser platform
 - SURF – Subsea templates and pipelines
 - Offshore Hook-up

- **Used Safran Planner**

- **High management involvement**

- **Target Schedule – “Speed today gives flexibility tomorrow”**

DG4 Target startup date	Probability to reach target date	Deterministic target date	P50 date
CCS0 *	6 %	01.08.22	14.10.22
CCS1	3 %	01.06.22	24.07.22
CCS2	<1	01.06.22	16.07.22
CCS3	<1	01.06.22	16.08.22
CCS4	1 %	01.08.22	15.09.22
CCS5	0,5%	01.08.22	24.09.22
CCS6	5 %	01.08.22	25.08.22
CCS7	5 %	01.08.22	10.08.22
CCS8	4 %	14.11.22	



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