sk-synergie

Executive Project Report

SK-OneCheck · Project Controlling

FINAL

Visible until: **26.07.2026**

EPCM Gas Compression & Export Scheduleal Upgrade · Forecast confidence: **Normal**

Reporting context

Reporting period:	**Reporting date:**	**Data cut-off:**	**Time zone:**
2026-06-01 to 2026-06-30	2026-06-30	2026-06-30T18:00	Europe/Berlin

EVM KPI Cockpit

0,94 CPI	**0,92** SPI	**-4.995.000,00** CV	**-7.300.000,00** SV
194.009.216,59 EAC	**109.809.216,59** ETC	**-11.509.216,59** VAC	**1,05** TCPI

Cost & schedule performance

Budget at completion (BAC): 182.500.000,00

Planned Value (PV)	86.505.000,00	**Earned value (EV)**	79.205.000,00
Actual Cost (AC)	84.200.000,00	**TCPI**	1,05
Estimate at Completion (EAC)	194.009.216,59	**Critical Rate**	0,86

Overall status & traffic light assessment

Status: YELLOW
The project shows initial cost or schedule variances. Management attention is recommended.

⚠ **Budget overrun forecast**
The current cost forecast (**EAC**) exceeds the approved project budget (**BAC**).
BAC: 182.500.000,00 · **EAC:** 194.009.216,59 · **Forecast variance (VAC):** -11.509.216,59
Recommendation: Immediate review of corrective actions (cost reduction, Re-Baselining, management decision).

Management interpretation

- **Cost (CPI):** Significant cost overrun.
- **Schedule (SPI):** Significant schedule variance.
- **Forecast confidence:** Normal – based on data quality and forecast reliability.

Progress development

Planned	47,4 %	47,4 %
Actual	43,4 %	43,4 %
Variance	**-4,0 %-Punkte** (behind plan)	
Schedule variance (weeks)	6.5	
Progress method	Milestones	
Critical path affected	Yes	

Cost development

Earned value (EV)	79.205.000,00	EV
Actual Cost (AC)	84.200.000,00	AC
Cost variance (CV)	**-4.995.000,00** (over budget)	

Forecast development

Budget at completion (BAC)	182.500.000,00	BAC
Estimate at Completion (EAC)	194.009.216,59	EAC
Expected variance (VAC)	**-11.509.216,59** (budget overrun)	

Next 5 milestones

Operational milestones relevant for schedule, escalation and steering.

#	Title	Due	Status	Owner	Critical
1	**IFC package for compressor foundations** Issue for construction package including revised underground survey hold points.	2026-07-15	Planned	Engineering Manager	Yes
2	**Compressor package FAT readiness review** Confirm vendor punch status, inspection coverage and acceptance criteria before FAT. **Decision required**	2026-08-20	Planned	Package Manager	Yes
3	**Shutdown tie-in execution plan approved** Integrated plan for SIMOPS, isolations, permits, manpower and contingency work packs. **Decision required**	2026-09-10	Planned	Construction Manager	Yes
4	**DCS integration test completed** Complete interface testing, alarm rationalisation and logic validation.	2026-10-05	Planned	Automation Lead	Yes
5	**Mechanical completion train A** MC dossier acceptance incl. punch category A closure.	2027-02-28	Planned	Commissioning Manager	Yes

Risks, claims & variations

Summary of key project risks including financial impact, claims situation and management relevance. KPIs are based on the top 5 identified risks.

Number of identified risks	24
Risk trend	Stable
Highest single risk (Exposure)	4.216.000,00
Total risk (Top-5 Exposure)	9.244.000,00
Claims already submitted	7.800.000,00
Variations already submitted	11.200.000,00
Additional expected claims and variations	Yes
Escalation active	No
Management attention required	Yes

Note: Claims or variations are expected. Early contractual and commercial assessment is recommended.

Attention: The risk and claims situation requires active management control.

Top 5 risk exposure (Detail)

Overview of the five highest-risk events with cost and schedule impact. Exposure = *Cost impact × probability*.

#	Title	Cost impact	Schedule (weeks)	Probability	Exposure
1	Compressor package late delivery	6.800.000,00	7,00	62,0 %	4.216.000,00
2	Brownfield tie-in window compression	4.200.000,00	4,50	48,0 %	2.016.000,00
3	DCS integration defects	2.100.000,00	3,00	38,0 %	798.000,00
4	Civil foundation rework	1.800.000,00	2,50	35,0 %	630.000,00
5	Construction productivity loss	3.600.000,00	5,00	44,0 %	1.584.000,00

Risk heatmap (Probability × Cost impact)

Probability	Cost impact				
	Very low	Low	Medium	High	Very high
5	–	–	–	–	–
4	–	1	–	–	–
3	5	2	–	–	–
2	3, 4	–	–	–	–
1	–	–	–	–	–

Contingency coverage

Contingency Budget	15.500.000,00
Already used	7.100.000,00
Remaining	8.400.000,00
Top-5 Exposure	9.244.000,00
Coverage	Not covered

Monte Carlo forecast – risk impact (Cost impact)

Stochastic simulation (1000 runs) based on the Top-5 risks. The percentiles show the expected additional cost impact at different confidence levels.

P50 (realistic)	8.900.000,00
P80 (conservative)	13.100.000,00
P90 (Worst Case)	14.600.000,00

Monte Carlo forecast – schedule delay

Simulation of schedule impacts from risks. Values show the expected cumulative delay in weeks.

P50 schedule delay	11,50 weeks
P80 schedule delay	15,00 weeks
P90 schedule delay	17,50 weeks

Project context & inputs

Project objective	Capacity increase of an existing gas export terminal by adding a new compression train, brownfield tie-ins, metering upgrade, control system integration and commissioning under live-plant constraints.
Contract type	Hybrid
Criticality	Medium
Cost basis	Forecast
Resource situation	Stable
Dependencies	Internal
Data quality	Estimated
Reporting maturity	Ad hoc

Management commentary

Executive summary
The EPCM project remains executable but is trending outside the approved cost and schedule baseline. CPI and SPI are below target, driven by vendor package delay, brownfield access constraints and construction productivity losses. Immediate management action is required to protect the shutdown window and reduce EAC exposure.

Special events
Compressor vendor moved FAT forecast by four weeks; underground obstruction found in compressor foundation area; DCS interface list increased after HAZOP close-out; procurement expediting team added for long-lead valves.

Open decisions / decision log

Decisions relevant for management and the steering committee.

Title	Due	Owner	Status	Escalation	Impact (cost)	Impact (schedule)	Risk
Approve compressor vendor recovery budget Decision required on additional expediting, weekend shifts and vendor engineering support.	08.07.2026	Steering committee	Open	Yes	1.250.000,00	4,00 weeks	Yes
Freeze shutdown tie-in scope Late scope additions must be stopped or moved to a later outage window.	18.07.2026	Operations Director	Open	Yes	800.000,00	3,00 weeks	Yes
Accept temporary metering bypass concept Needed to decouple commissioning sequence from final metering skid availability.	02.08.2026	Technical Authority	Open	No	450.000,00	2,00 weeks	Yes

Audit & document integrity

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