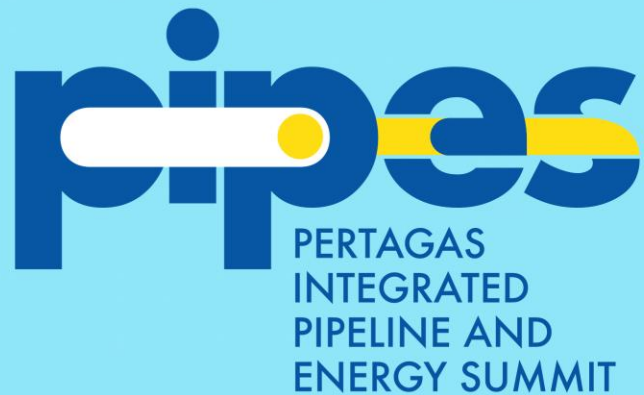


A decorative vertical bar consisting of a blue bar, a white bar, and a yellow bar.

SUCCESS STORY

PROYEK BOOSTER PUMP BATANG HO dan KOTA BATAK SLC

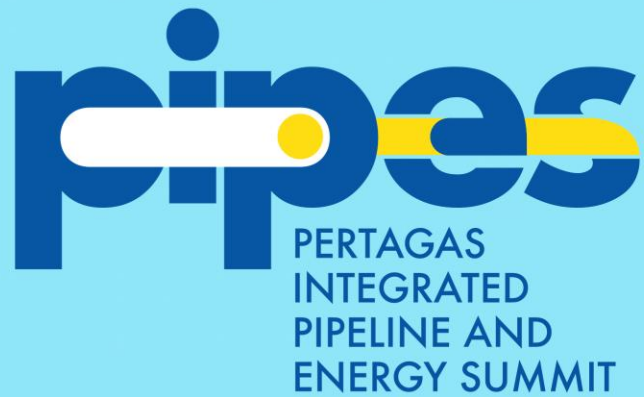
Danny Ardiantara



Outline

- I. Rokan Project Profile**
- II. Latar Belakang masalah**
- III. Strategi Percepatan**
 - I. Project S Curve**
 - II. Struktur Organisasi**
 - III. Engineering**
 - IV. Procurement**
 - V. Construction**
- IV. Dokumentasi**
- V. Kesimpulan**





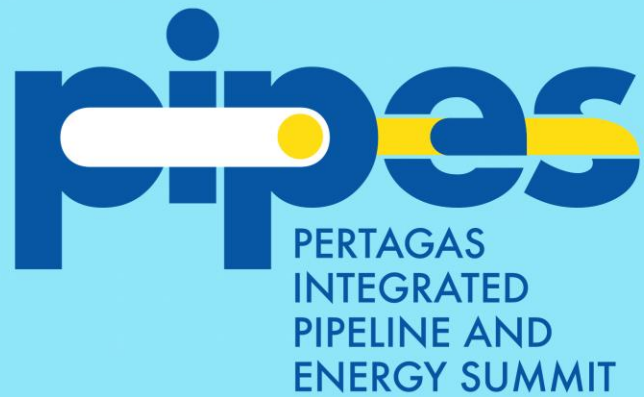
1. ROKAN PROJECT PROFILE



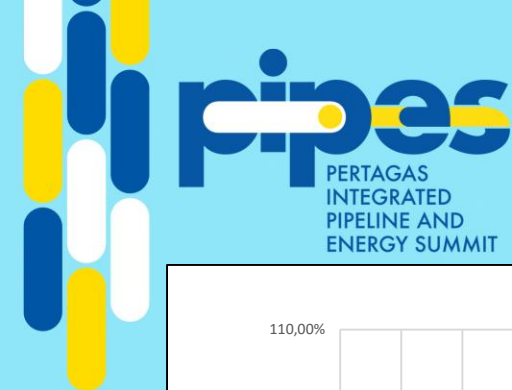
1. ROKAN PROJECT PROFILE

Obyektif proyek	Mendukung program Pemerintah dalam meningkatkan lifting dari Blok Rokan yang merupakan back-bone (sepertiga) produksi minyak bumi nasional.
Ruang lingkup	Rokan v3.0 Additional Scope Booster Pump Station Booster Pump Station Batang HO dan KBJ SLC
Pelaksana	Base Scope : Kons. PGASOL – PDC (“KPP”) Penyesuaian Pompa : PT Elnusa Tbk Booster Pump Paket 1 : Kons. ELN – PGASOL (KEP) Batang Station Paket 2 : PT. PGASolution KBJ Station Paket 3 : PT Elnusa Tbk
Panjang Pipa ; Spec	342 km ; 13 Segmen pipeline 4”s/d 24”OD API Grade B
Jangka Waktu Pelaksanaan	Paket 1 : 17 Jan’24 – 16 April’25 (15 Bulan) Paket 2 : 15 Maret’24 – 14 Mei’25 (14 Bulan) Paket 3 : 15 Maret’24 – 14 Mei’25 (14 Bulan)
Capasitas Pump	Batang Station : 90.000 bopd / @ 30.000 bopd (4 Unit) KBJ Station : 120.000 bopd / @ 30.000 bopd (5 unit)

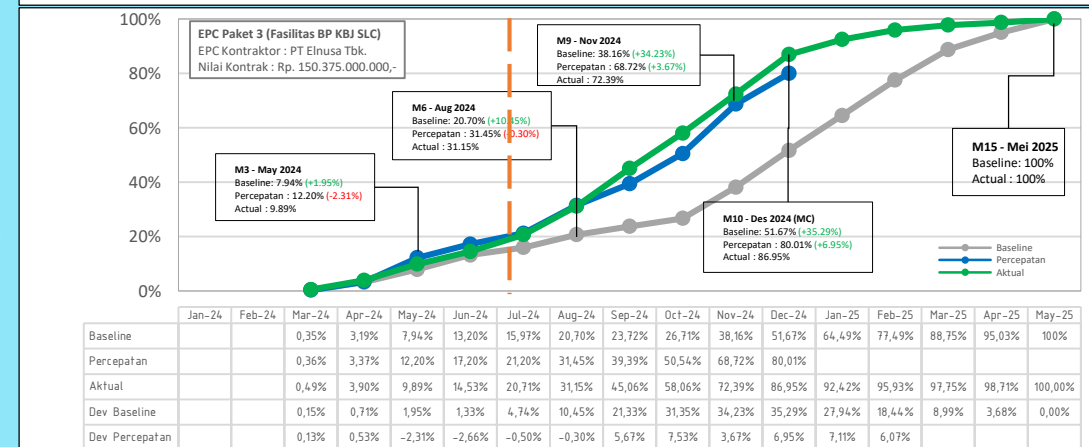
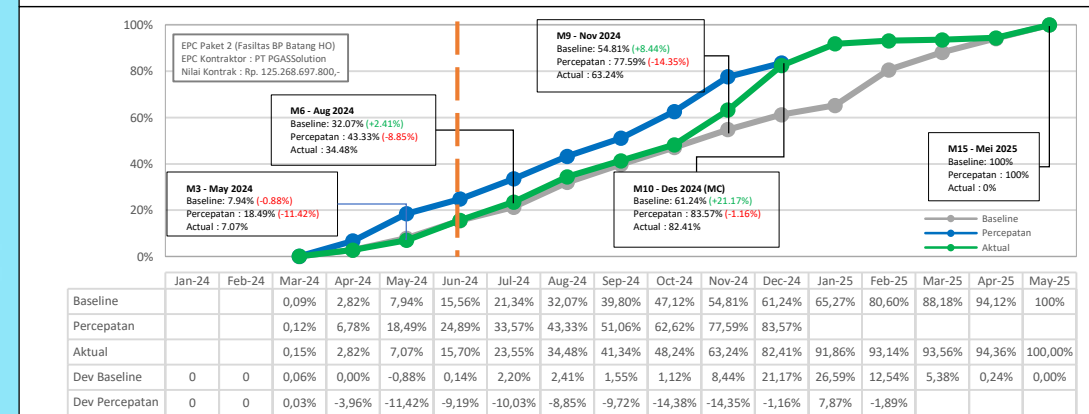
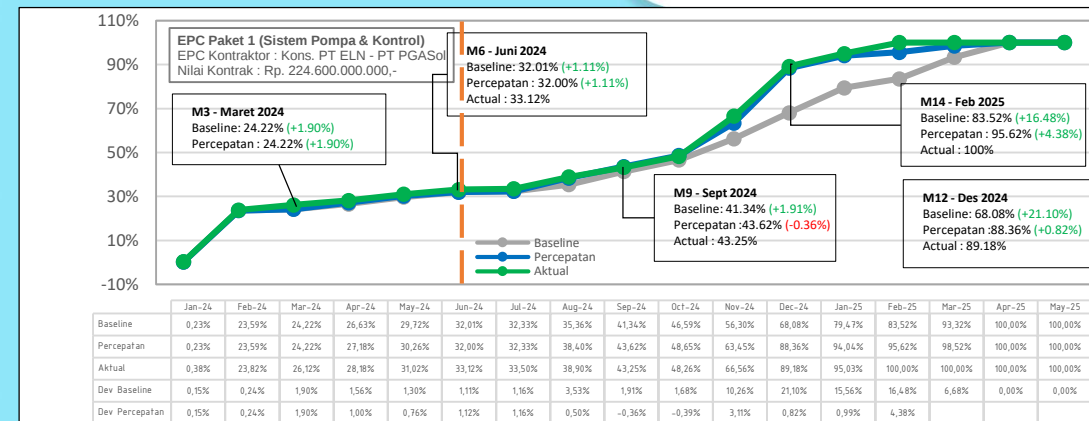
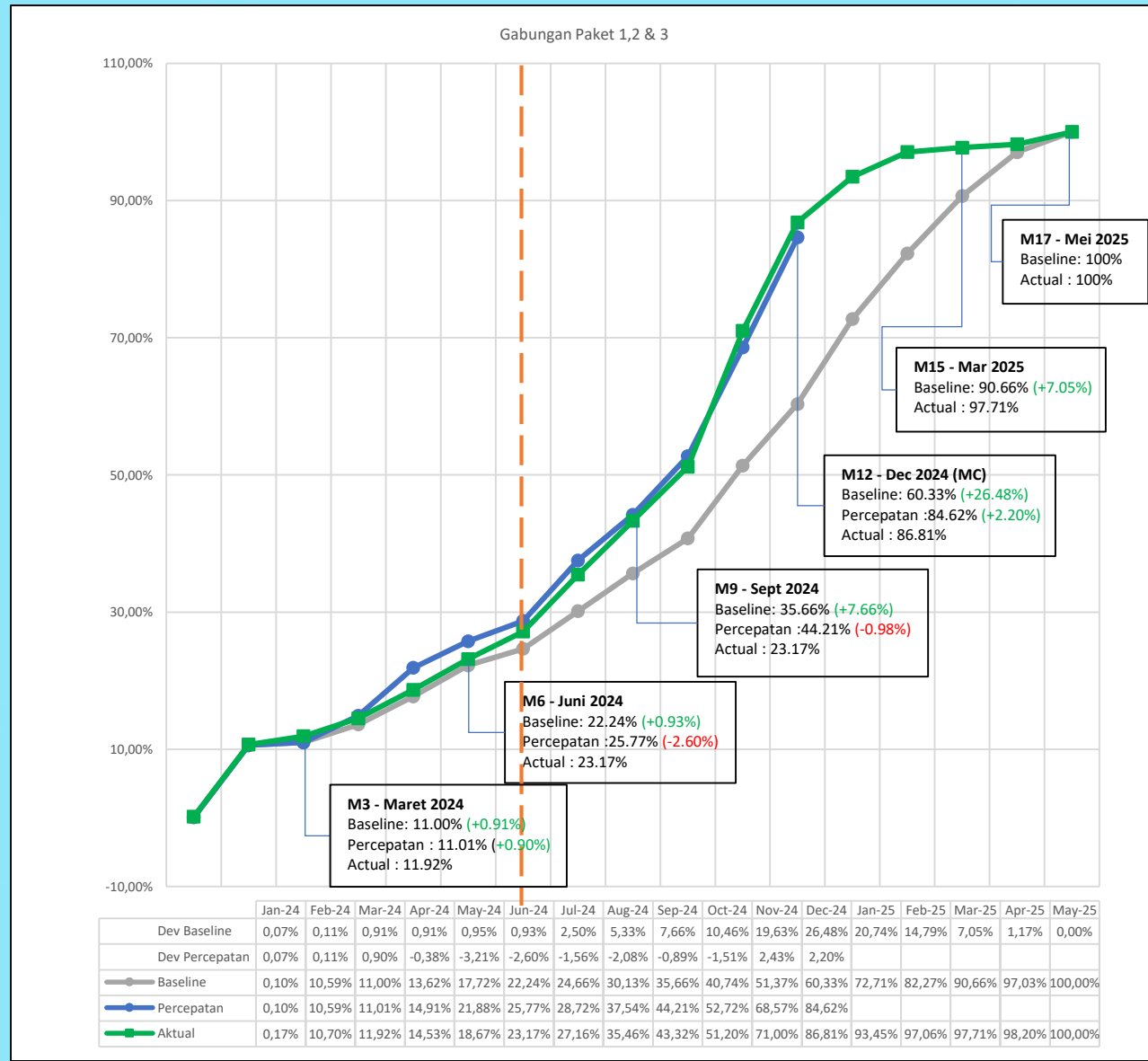




2. STRATEGI PERCEPATAN

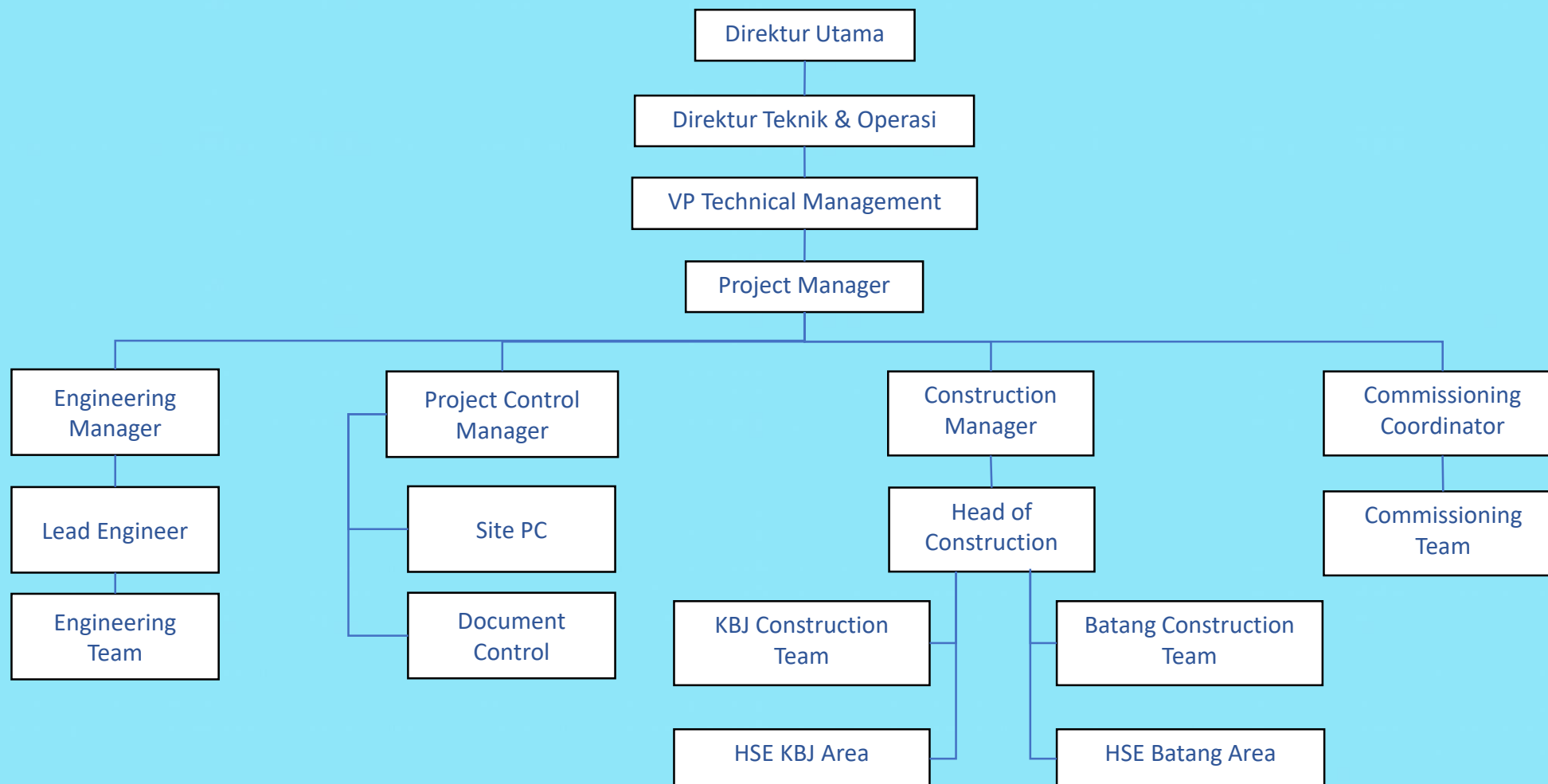


I. PROJECT S-CURVE



II. STRUKTUR ORGANISASI

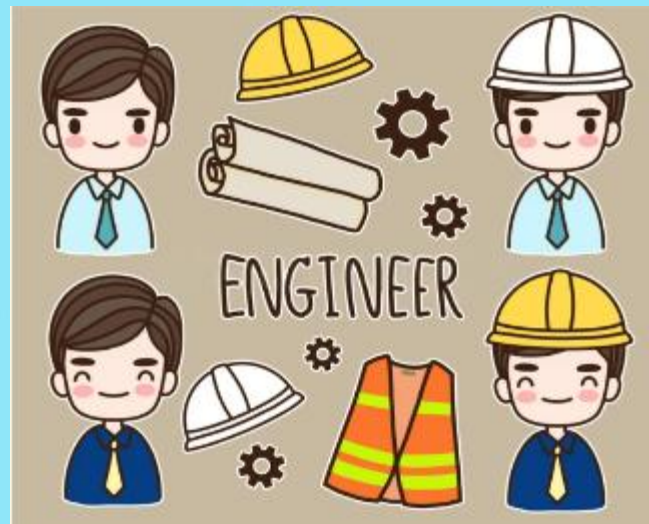
STRUKTUR ORGANISASI PROYEK ROKAN 3.0



III. STRATEGI ENGINEERING



- Menempatkan Semua Engineer Owner & EPC dalam satu Gedung
- Konsinyering dokumen Engineering



Engineer Pengalaman dan Profesional



Additional Engineer dan Drafter EPC



Prioritas Dokumen untuk Konstruksi dan Procurement

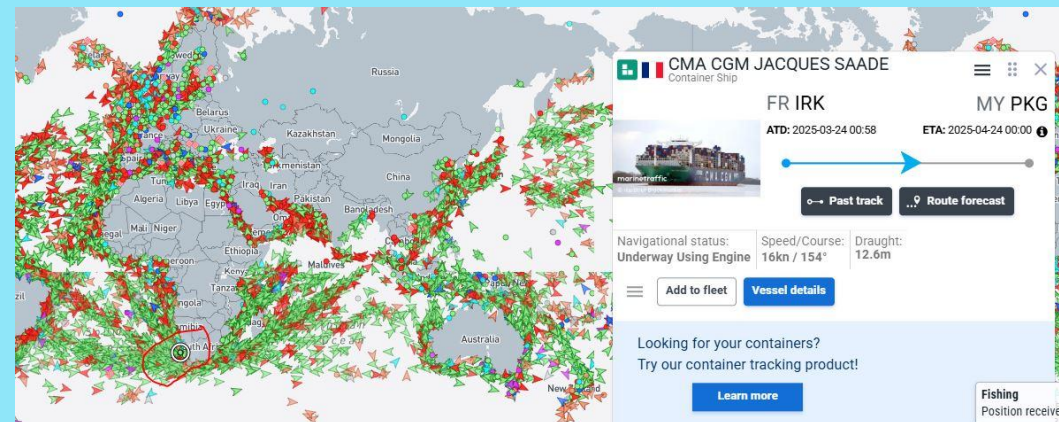
IV. STRATEGI PROCUREMENT



Percepatan PO untuk material-material long lead item



Meeting Khusus Procurement setiap Minggu



Expedite & tracking delivery material secara ketat dan detail



Partial Delivery material sesuai skala prioritas konstruksi



Melakukan koordinasi langsung dengan vendor



IV. STRATEGI PROCUREMENT

Schedule Baseline vs Aktual beberapa material yang mengalami Percepatan

Material	Baseline			Actual			Percepatan (hari)
	PO	MOS	Dur (hari)	PO	MOS	Dur (hari)	
Pig Launcher/Receiver	23-Apr-24	31-Jan-25	283	13-May-24	6-Nov-24	177	106
Instrument Air Compressor & Dryer Package	2-May-24	28-Oct-24	179	25-Aug-24	12-Nov-24	79	100
Overhead Crane	1-May-24	26-Nov-24	209	31-May-24	14-Nov-24	167	42
Diesel Transfer Pump	19-Apr-24	14-Nov-24	209	21-Jun-24	4-Oct-24	105	104
Emergency Diesel Generator Package	4-Apr-24	19-Nov-24	229	7-Apr-24	15-Sep-24	161	68
Pipeline Valves/ Manual Valve	29-Apr-24	25-Jan-25	271	12-Jul-24	20-Nov-24	131	140
Monolithic Insulating Joints (MIJ)	17-Apr-24	29-Oct-24	195	9-Aug-24	9-Dec-24	122	73
MV Switchgear & MCC	17-Apr-24	14-Dec-24	241	16-May-24	18-Oct-24	155	86
LV Switchgear, MCC & Distribution Board	17-Apr-24	14-Dec-24	241	16-May-24	27-Nov-24	195	46
Transformer	23-Apr-24	16-Feb-25	299	7-Jun-24	16-Nov-24	162	137
PLC	10-Apr-24	1-Feb-25	297	7-May-24	2-Dec-24	209	88
Leak Detection System	15-May-24	30-Nov-24	199	28-Jun-24	6-Dec-24	161	38
Fire Detection System	16-May-24	7-Feb-25	267	28-Jun-24	11-Oct-24	105	162



V. STRATEGI CONSTRUCTION

Komitmen Schedule, Target dan Komunikasi



Sosialisasi Target Schedule Harian Konstruksi



Weekly & Monthly Meeting Construction



Meeting Teknis Khusus



Pengawasan Tim Organik Sepanjang Proyek



Perubahan Teknis, Man Power, Tools & Work Hours



Menambah Man Power



Menambah Alat Berat



Shift kerja siang Dan malam



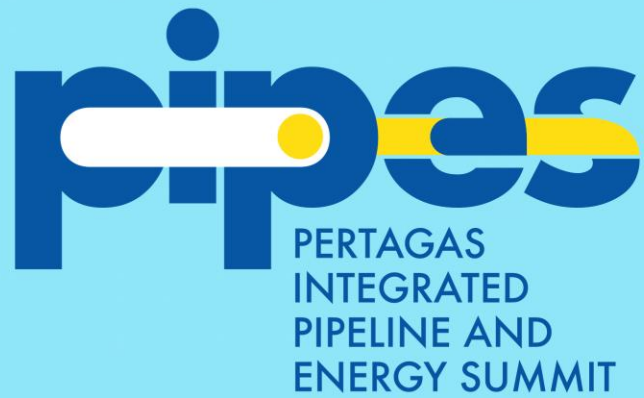
Merubah Metode Konstruksi Pondasi



Mempercepat Pekerjaan Platform untuk akses alat dan material

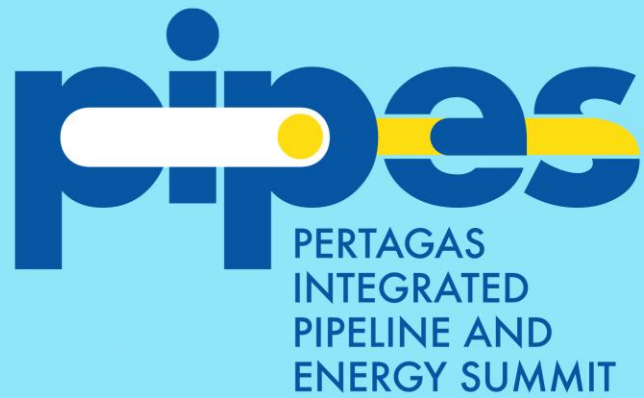


Merubah Struktur Beton menjadi Baja MCC Room



3. DOKUMENTASI





4. KESIMPULAN



5. KESIMPULAN



Engineering Strategy

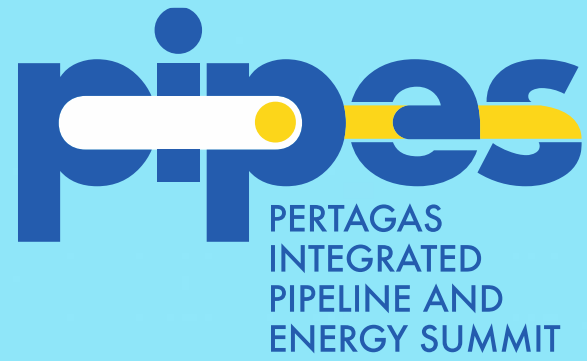


Procurement Strategy



Construction Strategy

PROJECT KEY SUCCESS :
KOMUNIKASI



**TERIMA
KASIH**