



Innovarpel 2025

TECHNICAL DAYS

**DIGITAL TRANSFORMATION
& INDUSTRIAL CYBERSECURITY**
IN THE OIL&GAS INDUSTRY

arpel 

JUNE, 24 & 25
Rio de Janeiro, Brazil

Plant shutdown Hackathon: Innovation Applied to Efficiency

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MIDOWNSTREAM VP, YPF

To QUADRUPLE THE VALUE OF YPF IN 4 YEARS we are working on 4 4X4 PILLARS

P1

Accelerating
oil production
in Vaca Muerta

SHORT TERM

P2

Financial
discipline in
investment
management

SHORT AND MEDIUM TERM

P3

Maximize
operational
efficiencies in
business

MEDIUM TERM

Q4

LNG project in
Argentina

MEDIUM AND LONG TERM

The middownstream strategic axes contribute to the pillars of the 4X4 PLAN

E1

COMPETITIVENESS

MIDWN X CHALLENGE:
ACHIEVE WORLD-CLASS COMPETITIVE OPERATIONS.

Industrialization of Operations (LEAN BUSINESS)

Culture focused on the optimization and continuous improvement of the value chain.

Innovation and data-driven decision-making.

RTIC.

E2

STRUCTURAL GROWTH

MAXIMIZE INTEGRATED VALUE

Management and Adaptation of Logistics Infrastructure

Adaptation of our industrial complexes to SHALE crude oil and to the evolution of fuel QUALITY.

E3

COMMERCIAL LEADERSHIP

MAXIMIZE REVENUE AND MARGIN

Shielding LEADERSHIP

Increase profitability with new business

E4

BUSINESSES OF SCALE

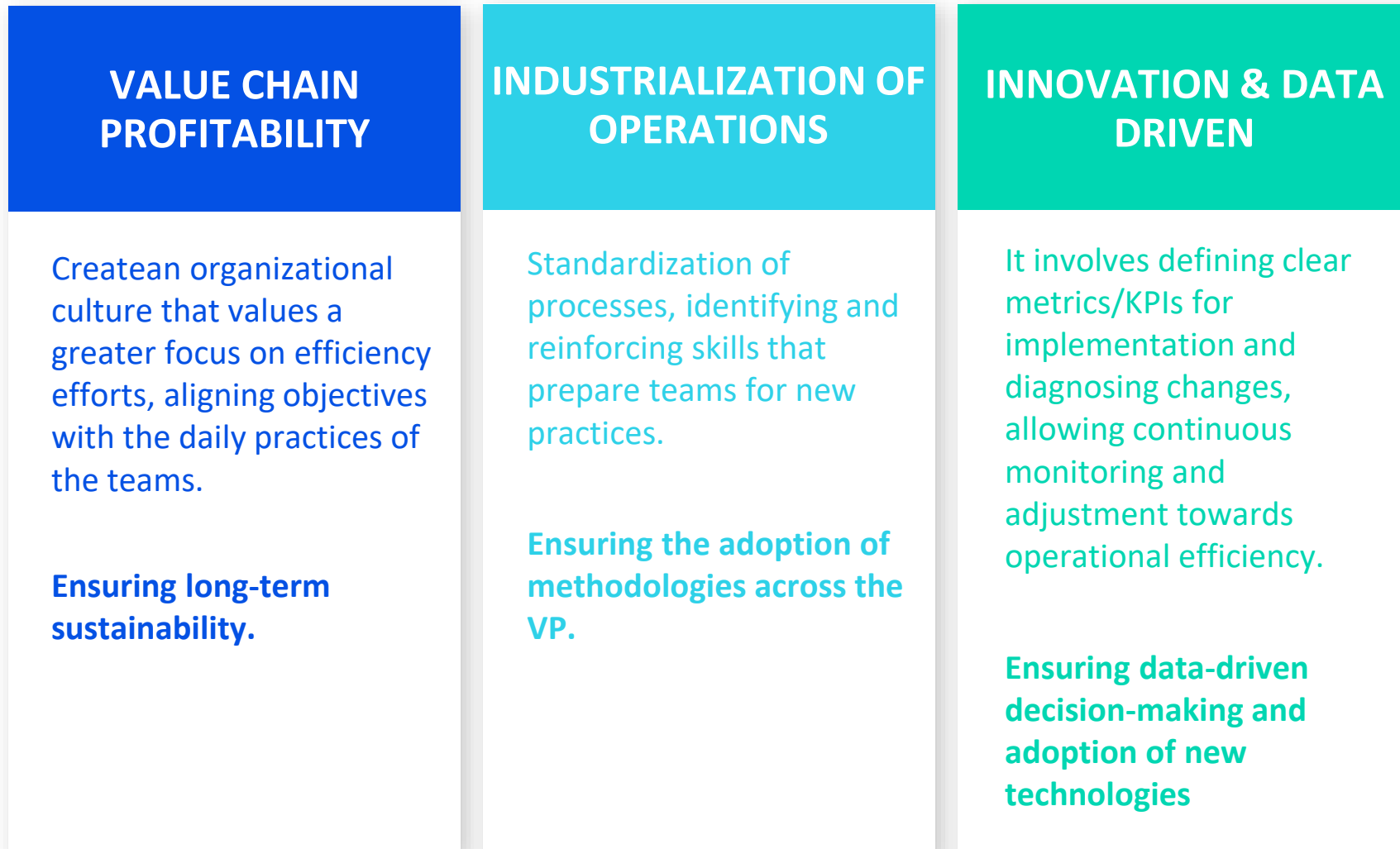
LEAD THE DEVELOPMENT OF THE COUNTRY WITH STRATEGIC BUSINESSES ON A GLOBAL SCALE.

Midstream + ClyT: guarantee the evacuation of Vaca Muerta (O&G) and crude oil exports.

NGL Monetization

Petrochemicals: leading the fifth wave of petrochemical projects in Argentina.

AXES OF TRANSFORMATION



INNOVATION AT MIDSTREAM - DOWNSTREAM

1

R+D PORTFOLIO

R+D SOLUTIONS WITH
NEW STRATEGIC
PARTNERS

01

2

OPEN INNOVATION

SOLVING BUSINESS
CHALLENGES WITH
EXISTING SOLUTIONS
IN THE EXTERNAL
ECOSYSTEM

02

3

INTERNAL INNOVATION

INNOVA PROGRAM
HACKATHONS AS A
MECHANISM FOR JOINT
INNOVATION

LOGISTICS
PLANTS SHUTDOWN 2024
2024 SHUTDOWN STRIKE
PROCESS
EFFICIENCY AT OPESSA
OIL RESIDUES AT CILP.

03

4

IMPROVEMENT IN M2

SMALL AND SELF-
MANAGED
IMPROVEMENTS

BASE PROGRAM, IT ALLOWS TO
GENERATE THE CULTURE WE
NEED TO PROMOTE INNOVATION
AND EVOLVE AS A BUSINESS.

04

INTERNAL INNOVATION: HACKATHONS

HACKATHON: **HACK** (meaning exploratory programming) + **MARATHON**

Participants divided in diverse groups work together to create functional solutions.

FOSTER CREATIVITY + TEAMWORK + RAPID PROBLEMSOLVING

2024 VALUE FOCUS: Operational efficiency (productivity + cost optimization)

4 PROGRAMMED SHUTDOWNS IN 2024:

PLATFORMING

FCCB

PIB

CLAB

RESULTS OF APPLIED INNOVATION

1

PLATFORMING

Scheduled shutdown
days: 50 DAYS

SHUTDOWN: 36 (-28%)

01

2

FCCB

Scheduled shutdown
days: 54 DAYS

SHUTDOWN: 47 (-13%)

02

3

PIB

SCHEDULED
SHUTDOWN: 41 DAYS

SHUTDOWN: 31 (-25%)
(No CAPEX needed)

03

4


CLAB

SCHEDULED SHUTDOWN:
82 DAYS

SHUTDOWN: 67 (-18%)
(No CAPEX needed)

04

Thank you very much!

 María Emilia Ruiz

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YEARS

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