



# SET AWARDS 2021

Sustainability Excellence

Date: 8 September 2021



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Chief Executive Officer and President



**Mr. Viroj Meenaphant**  
Executive Vice President  
Corporate Governance and Affairs



**Mr. Pongpun Amornvivat**  
Executive Vice President  
Strategy



**Mr. Viroj Wongsathirayakhun**  
Executive Vice President  
Organizational Effectiveness



**Mr. Nikom Kongnok**  
Vice President  
Group Company Secretary & Sustainability

- 1 กลยุทธ์และแนวทางการดำเนินงานด้านความยั่งยืน
- 2 กลยุทธ์และแนวทางการดำเนินงานในสถานการณ์ COVID-19
- 3 กลยุทธ์ของบริษัทหลังจากสถานการณ์ COVID-19 สู่ New Normal
- 4 บทบาทของคณะกรรมการในสถานการณ์ COVID-19
- 5 การสนับสนุนผู้มีส่วนได้เสียของบริษัทในสถานการณ์ COVID-19



# 1

## กลยุทธ์และแนวทางการดำเนินงาน ด้านความยั่งยืน

# Sustainability is Embedded in Thaioil Group Strategic Structure.



## Vision Measurement 2030

Vision

Empowering Human Life through **Sustainable** Energy and Chemicals

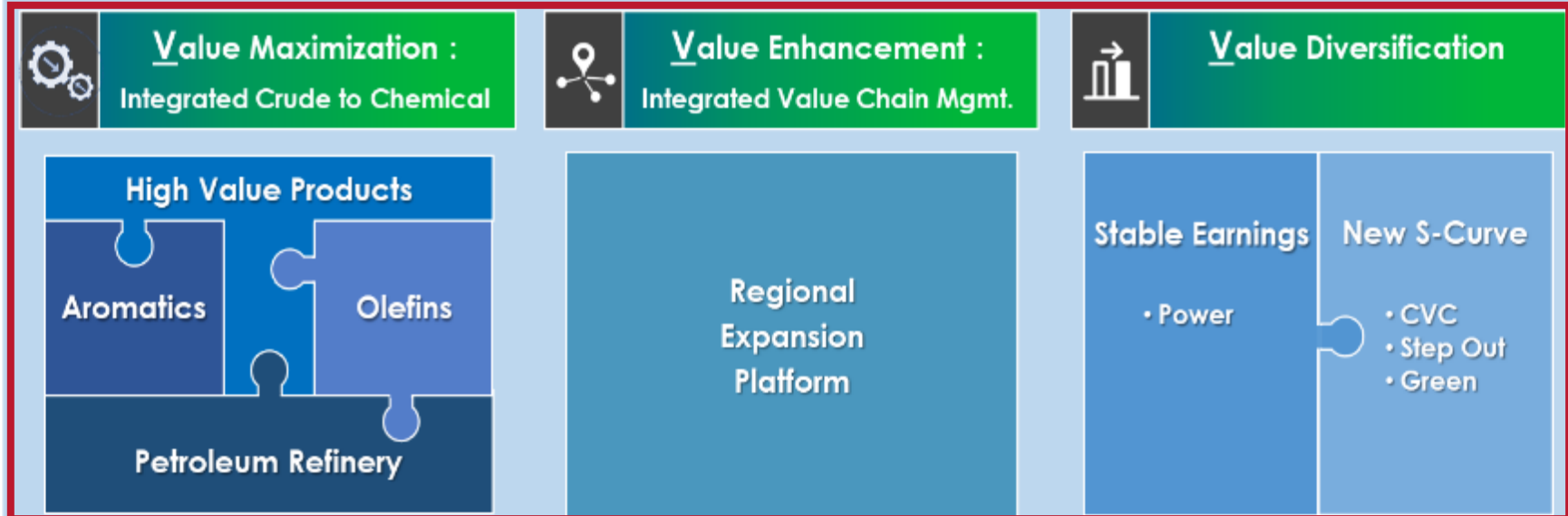
Strategic Objective

To be a competitive Energy & Chemicals company that delivers **sustainable returns** & better quality of life to all stakeholders

Measurement

Growth / Earnings Diversity / Returns / **Sustainability** / Stakeholders

Portfolio Strategic Direction



Effective Execution *positive*

People + Patronage + Partnership + Platform

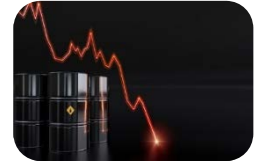
Drive for Sustainability

Environment + Social + Governance

<b>Growth</b>	Net Profit
<b>Earning Diversity</b>	Net Profit % Non-Refinery
<b>Return</b>	% ROIC
<b>Sustainability</b>	<b>DJSI Leader</b>
<b>Stakeholder</b>	Brand Value



## Global Challenge



Energy disruption is accelerated



Responding to climate change



COVID-19



Change in legislation and regulation

### Business Strategy: 3V

<p><b>V</b>alue Maximization : Integrated Crude to Chemicals</p>	<p><b>V</b>alue Enhancement : Integrated Value Chain Mgmt.</p>	<p><b>V</b>alue Diversification</p>
<p>“Build on our strong foundation”</p>	<p>“Know your customers &amp; knowledge-based”</p>	<p>“Stable Earnings &amp; New S-Curve”</p>

#### Portfolio Target 2030

Category	Percentage
Petroleum	40%
Petchem & HVP	40%
Power	10%
New S-Curve	10%



### Sustainability Strategy : Environment + Society + Governance : 3E

<p><b>E</b>nhance ENVIRONMENT</p> <p>Enhancing Green Economy and Climate Commitment</p> <ul style="list-style-type: none"> <li> <b>25%</b> Green Revenue</li> <li> <b>15%</b> Net GHG reduction from BAU by 2030</li> </ul>	<p><b>E</b>ngage SOCIETY</p> <p>Engaging with community and society to create long-term social value</p> <ul style="list-style-type: none"> <li> <b>90%</b> Community Engagement Through CARE strategy Support society and community during and post COVID 19</li> </ul>	<p><b>E</b>nsure GOOD GOVERNANCE</p> <p>Ensuring Good Governance and Transparency</p> <ul style="list-style-type: none"> <li> <b>Zero</b> case of non-compliance &amp; fraud incidents through GRC</li> </ul>
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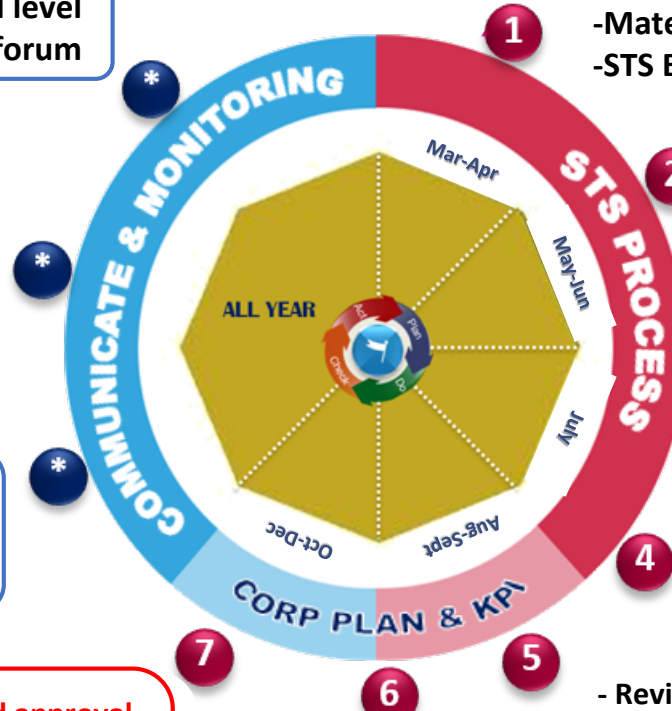
# Sustainability Management Framework is Integrated in Corporate Strategy

## CEO Connect



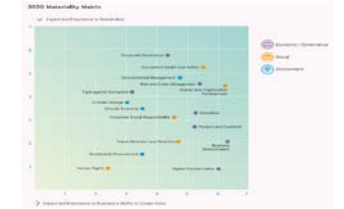
Cascade strategy to all level through meeting & forum

## Thaioil Strategy Cycle



- Environmental Scanning Analysis
- Internal Health Check
- Materiality Assessment
- STS Expert Sharing

## Materiality Assessment



## KPI Online



Monitor Corporate Performance, KPIs, KRIs, Budget and Key strategic projects  
Monthly: Business performance/ Business outlook  
Quarterly: Corporate budget/ Key strategic projects

Cascade Functional KPIs to BUs & departments

Business and ESG Strategic Formulation & Portfolio Rationalization

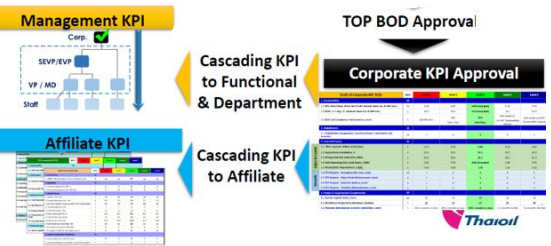
- Board individual interview
- Revisiting Existing Strategy
- Define New Opportunity & Strategy (TOP STS I)

Sharpen Business and ESG Strategic Direction plan & Target Setting (TOP STS II)

Board approval (TOP BoD STS)

Strategy plan [STS]		
1 Yr	5 Yr	10 Yr

## ESG Strategy & Targets



## TOP BoD STS



Board approval Corporate plan, Budget & KPIs Corporate risks & KRIs

Review Strategy Map, Strategic Objectives & Corporate KPIs



- Review assumption & corporate plan
- STS Communication Forum



Board Involvement

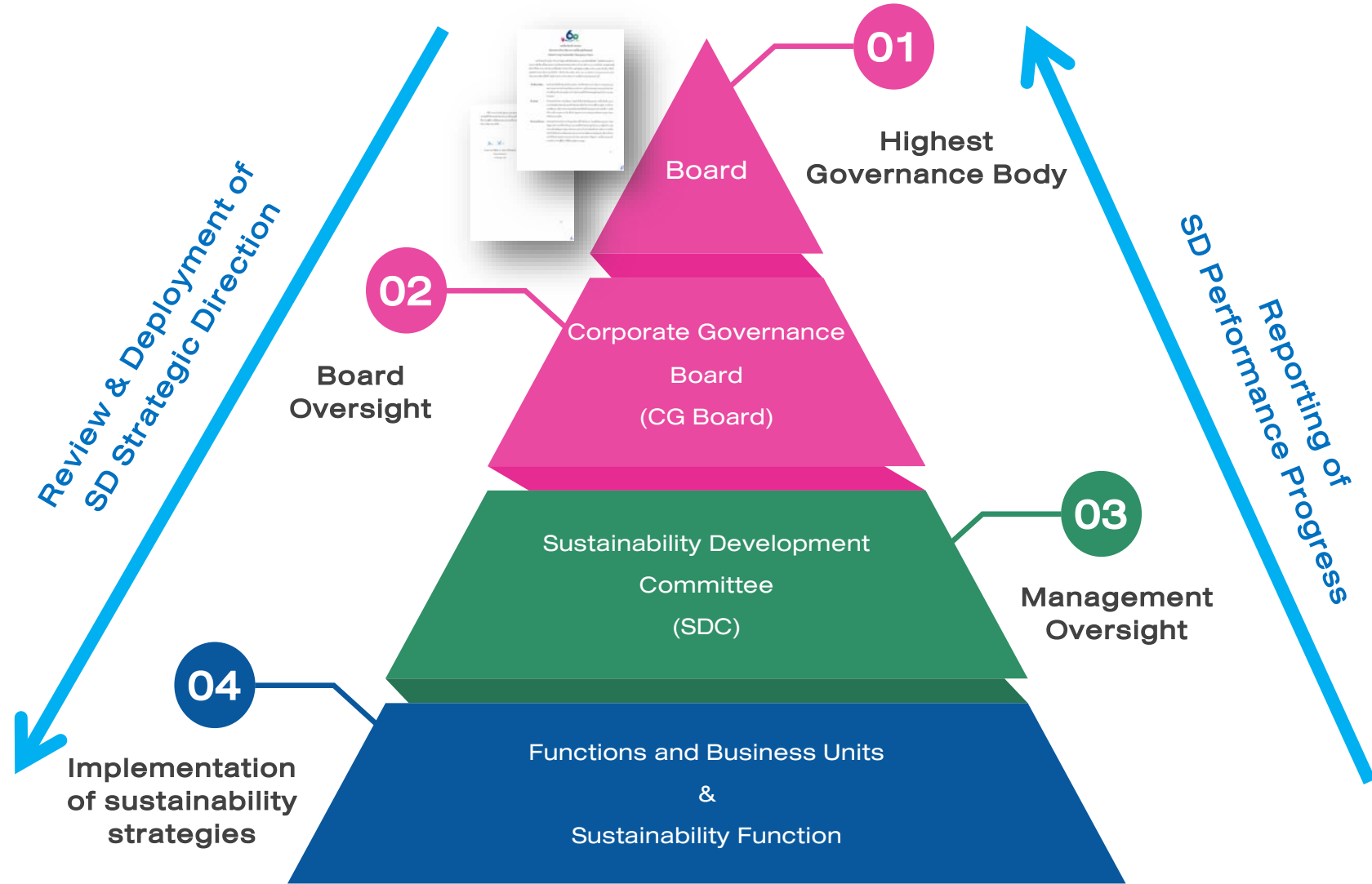
Strategic Deployment

## Roles & Responsibilities

กำกับดูแลและการบริหารจัดการ  
ความยั่งยืนขององค์กร ผ่านการ  
กำหนดนโยบายและแนวทางใน  
การดำเนินงาน

ผลักดัน ขับเคลื่อนและติดตาม  
การดำเนินงานด้านความยั่งยืน  
อย่างเป็นระบบ

ดำเนินการตามแผน  
กลยุทธ์ด้านการบริหารจัดการ  
ด้านความยั่งยืน



Member of  
**Dow Jones Sustainability Indices**  
Powered by the S&P Global CSA

**Industry Leader**  
in oil & gas refining and marketing industry  
for 6 years

**Sustainability Award**  
Gold Class 2021  
**S&P Global**

**Sustainability Award (Gold Class)**  
in oil & gas refining and marketing industry  
for 7 years





# 2

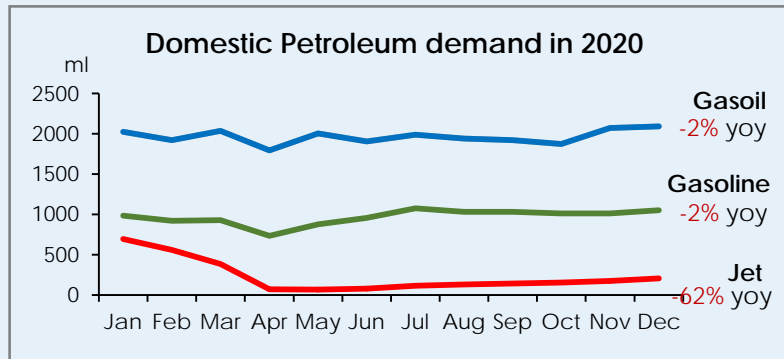
## กลยุทธ์และแนวทางการดำเนินงาน ในสถานการณ์ COVID-19

- **People First**
- **Short-Term Maximize Profitability**
- **Long-Term Strategic Execution**

## COVID-19 Impact

### COVID-19 An Unthinkable World Scenario & Impact Continue to 2021

- **Countries around the world implemented lockdown measures** to slow the spread of the coronavirus
- **Global economy collapsed 3.5% in 2020** due to restrictions on the economic activities
- **Domestic petroleum demand significantly dropped** especially jet fuel



### Crude Oil Price Plunged to Multi-Year Lows

- **Crude Oil Price Plunged to Multi-Year Lows** after OPEC deal failure sparked oil price war in Mar'20
- **Quick supply/demand rebalance** brought oil prices back to \$50 a barrel in Dec'20
- **Steep OSP crude discount** helped support Asian GRM

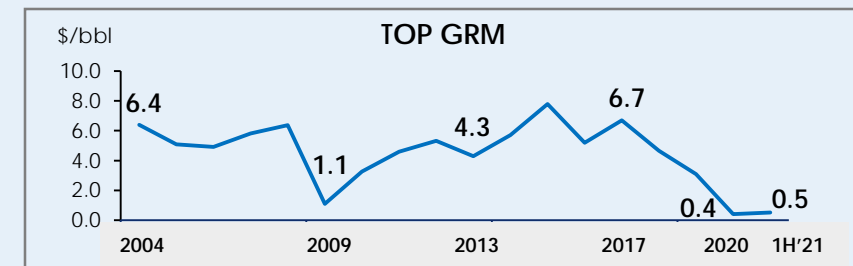
## Thaioil Hardest Hit

### Lower Jet Demand

- **Decrease in integrated intake** from petroleum demand collapsed
- **Minimum jet production** due to flight cancellations worldwide

### Worst GRM Ever

- **Huge stock loss Q1'20 THB 10.77 bn** in particular, from sharp oil price drop due to price war
- **Lowest MKT GRM in 2020 esp, in Q3/20 \$-1.1/bbl** due to weak product spreads and higher crude cost
- **Huge net loss THB 13.75 bn** in Q1'20



# Business Excellence : Thaioil Group's Three-Pronged Strategy

- COVID-19 Response Measures
- Ensure **BCM Strategy** for smooth operations

1

**People First**

COVID-19 Response



2

**Short-Term**

Maximize Profitability



3


**Long-Term**

Strategic Execution



**THREE-  
PRONGED  
STRATEGY**

## Operation & Commercial

- Optimized overall value-chain utilization & production
- Operational to Business Excellence 
- Commercial excellence to capture high margin products & markets
- Maximize subsidiaries profitability

## Finance

- Rigorous cost management

**“Our Extraordinary Efforts”**

## Accelerate the Reform

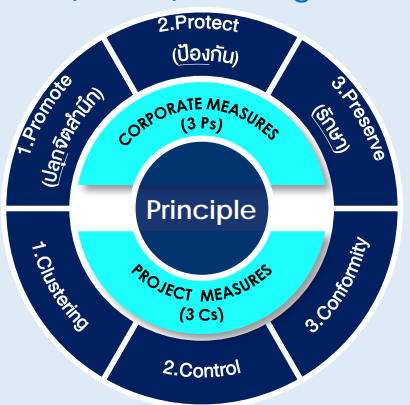
- Value Maximization : Integrated Crude to Chemicals
- Value Enhancement : Integrated Value Chain Management
- Value Diversification
- Proactively procure competitive pre-funding

**“Ready to Capitalize on Post COVID-19 Recovery”**

# 1 People First : Covid-19 Response

## Strong Commitment to **Protect People** and Continuous **Caring People**

- Established I-COVID Center: Prevention & Protection Management on 3P (Promote, Protect, Preserve) & 3C (Clustering, Control, Conformity) Measures.



- Defined Major Critical Activities (MCA): Operations (MCB) and Engineering and Formulated protection measures : Thaioil Bubble and Seal – Safe House and Clustering
- Clustering camp sites with bubble & seal and specific health measures for project contractors.
- Integrated COVID-19 response in corporate Business Continuity Management (BCM)

Phases of Responses to COVID-19 infection		Response Measure
Phase 0	No infection	I-COVID Center Monitoring and Prevention
Phase 1	Non-MCA staff infected	I- COVID Center Protection and Control
Phase 2	MCA staff infected or widespread	Crisis Mgt Center (CMC) BCP Activation

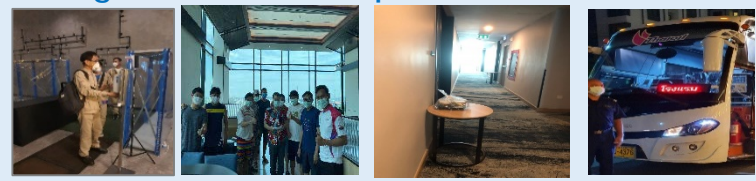
- Work from home (WFH) policy and enforce Self Protection Measure : THAM-D

T - Testing : Have body temperature measured frequently  
 H - Hand Washing : Washing hands frequently with soaps/alcohol gel  
 A – Application Downloading : ‘MorChana’, ‘ThaiChana’, ‘Thaioil Chana’  
 M - Mask Wearing : Wearing mask correctly and at all time  
 D – Distancing : Keep 1 – 2 meters distancing

- Launch & use ‘Thaioil Chana’ application:
  - ✓ Health Declaration before visiting Thaioil Site
  - ✓ Health Declaration at Thaioil Site
  - ✓ Check-in & Check-out



- Safe House for MCA-Operations 100% (176 staff) during severe COVID-19 pandemic in Chonburi.



- 100% Clustering for MCA-Engineer (252 staff , 642 contractors).
- 100% Rapid Test and Antigen Test (ATK) for employees/ contractors/vendors approved entering the company areas including random ATK regularly.
- Active & Continuous Monitoring COVID-19 situations. Regularly announce measures via I-COVID News to communicate & educate to employees and contractors for self-protection.

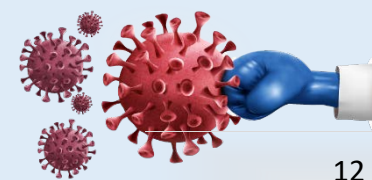
## Vaccination to **Protect People**

- Proactive vaccination 1<sup>st</sup> and 2<sup>nd</sup> Doses for employees, contractors and employees’ families as planned.

TIER 1	<ul style="list-style-type: none"> <li>MCA Staff (affiliate included)</li> <li>International Staff</li> <li>CFP Team Staff</li> <li>PMC Staff (Thai &amp; Expat)</li> </ul>
TIER 2	<ul style="list-style-type: none"> <li>Non-MCA Staff (affiliate included)</li> <li>EPC Staff</li> <li>Concurrent Contractors</li> </ul>
TIER 3	<ul style="list-style-type: none"> <li>Staff’s family</li> <li>Contractors (LC1)</li> <li>CFP Sub-Contractors</li> </ul>



- To vaccinate the booster dose to all employees in Q4/2021



# Thaioil Group's Three-Pronged Strategy

- COVID-19 Response Measures
- Ensure BCM Strategy for smooth operations

1

**People First**

COVID-19 Response



2

**Short-Term**

Maximize Profitability



3


**Long-Term**

Strategic Execution



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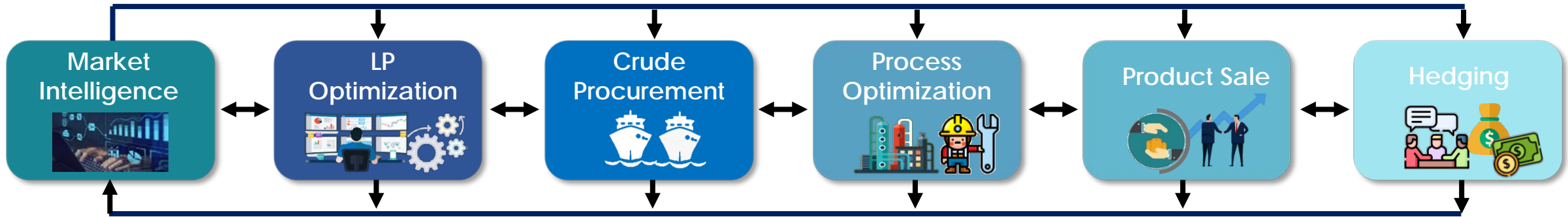
**“Ready to Capitalize on Post COVID-19 Recovery”**

# ② Short-Term Maximize Profitability : Operational Excellence



Optimized overall value-chain utilization & production

Commercial and Operation Optimization  
Integrate from End to End to Boost up Margin amid Market Fluctuation



Able to Maintain 95-100% Utilization by Minimizing Jet Yield

- Maximize local sale
- Manage stock & use hedging as a tool for price risk management
- Optimize production & import



Operational to Business Excellence  
to Maximize Benefit through  
Hydrocarbon Value Chain Integration

- |               |                                     |
|---------------|-------------------------------------|
| 1 Safety      | No Harm No Leak Goal Zero           |
| 2 Reliability | Zero Reliability Big Hits           |
| 3 Margin      | Follow the Dollar                   |
| 4 Growth      | Excel to Justify Further Investment |
| 5 ESG         | Partner for Life                    |
| 6 People      | Believe in the Value of Our People  |
| 7 KM/Digital  | Data to Add Enterprise Value        |

Commercial Excellence

Capture high margin products & markets

Regional Expansion

- Regional presence expansion to high growth countries
- TOP Group sale collaboration
- Increase international revenues



Customer Portfolio

- Expand sales to end users

Product Portfolio

- Increase HVP sale

Crude Portfolio

- Crude cost & freight management

Platform and Optimization

- Optimize daily operations based on current market situation

Maximize Subsidiaries Profitability

Beauty of Integration and Resilience Portfolio

Power



- Generate stable income & minimum impact

Solvent



- Capitalize on surging new products demand & scale up Alcohol, Cleaning & Household products



Ethanol

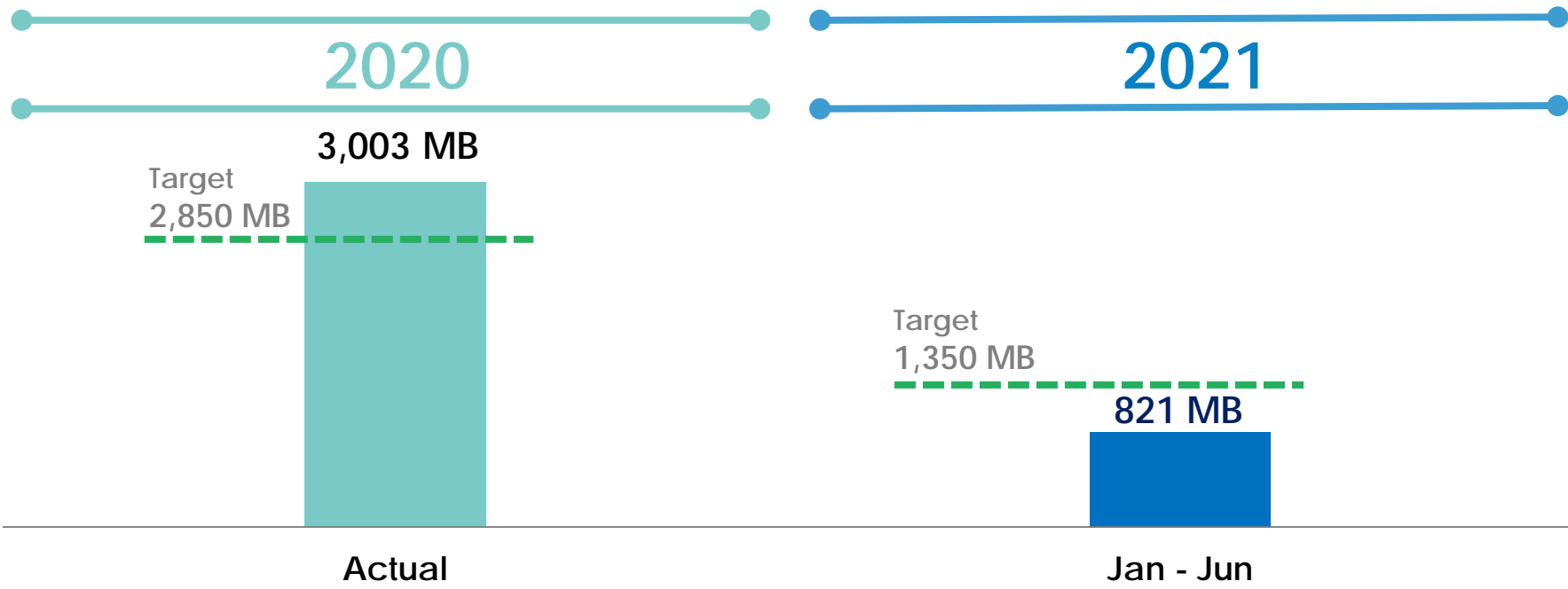


- Additional income from Alcohol Sanitizer
- Profit & social contribution



# ② Short-Term Maximize Profitability: Financial Excellence

## Rigorous Cost Management : Orchestra & Symphony Project



- Stretch Target** : Proactively review budget setting & usage with all parties and together set new target
- Timely Communication** : Business Excellence, CEO Connect, CMM, Budget Roadshow, Saving Tips Saving TOP Season 1 Campaign
- Close Monitoring & Report** : Automatic email at 70% usage & monthly budget usage report
- Clear Unused Budget** : Clarify/clear unused & return budget
- Reduce cost related to P/L impact** : Optimizing cash management, financing cost reduction, FX/accounting/tax management

- Lean Budget Setting** : Promote lean budget setting during Corporate Plan process since Q4'21
- Challenging KPI** : Set challenging target plus new saving ideas from each department
- Cost Conscious as Culture** : Proactive communication in Business Excellence, CEO Connect, CMM and continue Saving Tips Saving TOP (STST) season 2 to get more saving ideas
- Continue to reduce cost related to P/L impact**

### SAVING 2 SEASON

• Tips • Saving TOP

## SAVE จริง แจกจริง!

ฝ่ายไหนจะส่ง Initiative ช่วยประหยัดงบฯ บริษัทสูงสุด แจกหนักตลอดทั้งปี คลิกส่งเลย!

รางวัล

- ส่งมากที่สุด
- Initiative ใหม่ที่สุด
- SAVE สูงสุด
- % ประหยัดสูงสุด
- % ประหยัดสูงสุดในกลุ่มที่เลี้ยงได้

แจกสูงสุด 700 Coins

แจกรางวัลส่ง Q2 ก่อน 30 เม.ย.นี้ เท่านั้น!

100% SAVE





# ② Our Extraordinary Efforts during COVID-19

An Extraordinary **Time**

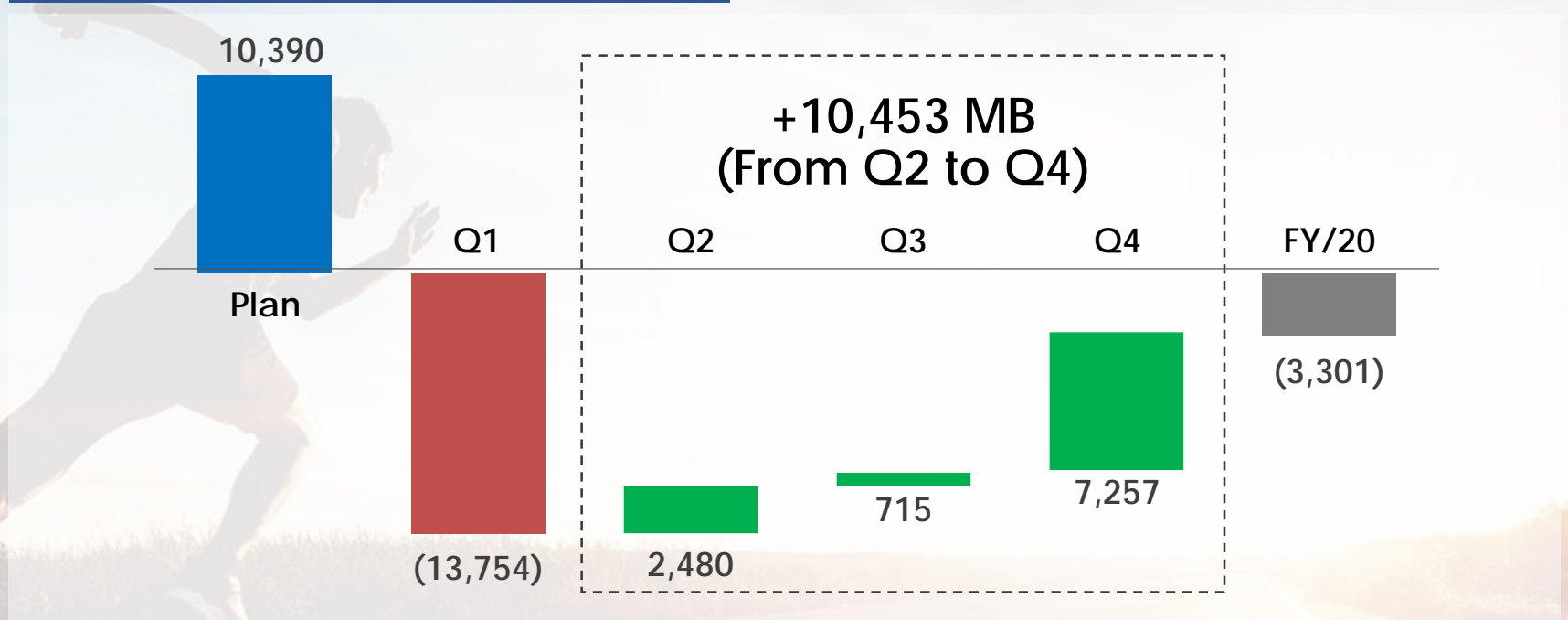
Needs

Extraordinary **Efforts**

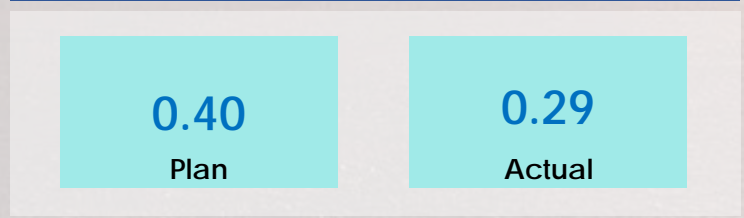
By

Extraordinary **People**

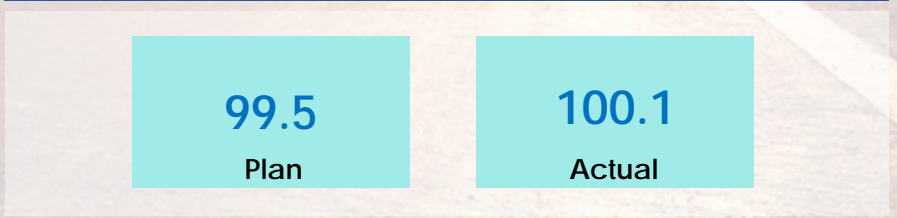
## Net Profit 2020: Plan VS Actual



## Safety : TRCF (Cases/mil-hour)



## Reliability : Operation Availability (%)



Highest overall OEMS (Operational Excellence Management System) assessment score in PTT Group in 2021

- COVID-19 Response Measures
- Ensure BCM Strategy for smooth operations

**1**  
**People First**  
 COVID-19 Response



**2**  
**Short-Term**  
 Maximize Profitability



**THREE-PRONGED STRATEGY**

**3**  
**Long-Term**  
 Strategic Execution



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**“Ready to Capitalize on Post COVID-19 Recovery”**



## Value Maximization : Integrated Crude to Chemicals

- Manage CFP Project amid COVID-19



- Jumpstart to Olefins through JV with existing player



- Drive HVP effort by launching few HVP's e.g. LRAE, high purity toluene



## Value Enhancement : Integrated Value Chain Mgmt.

- Regional expansion
- Solvent/chemicals expansion in Singapore, India & Vietnam
- Establishing foothold in Indonesia through Alpha & TSR
- Combined force Thaioil & TOP Solvent regionally



## Value Diversification

- Rationalize investment portfolio : power, marine
- Manage TOP SPP expansion project
- Progress in VC's & Start-Ups

## Proactively Procure Competitive Pre-Funding

- Tremendously successful **\$1,000 mnUSD bond issuance** –with lowest-ever 10-Yr coupon in Thai corporate
- Successfully secured **15,000 MB long-term bank facilities** to enhance liquidity



# 3

**กลยุทธ์ของบริษัทหลังจากสถานการณ์  
COVID-19 สู่ New Normal**

## Before COVID-19 Ongoing Trend

## Accelerated by COVID-19 Emerging New Normal



- Energy transition (EV)
- Renewable Energy penetration
- Volunteer & moderate environmental law & regulations

- Accelerate peak oil demand from EV penetration
- High renewable demand growth



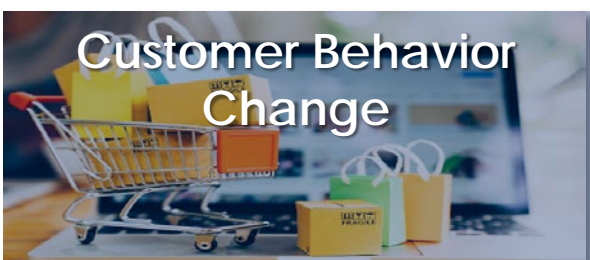
- Climate awareness
- ESG requirement
- Energy efficiency & low carbon electricity
- Recycle & circularity

- More stringent on environmental regulations
- Net Zero : harsh climate around the world our new normal



- Efficiency & automation
- Technology increase connectivity e.g. block chain, 5G

- Accelerate technology disruption
  - Virtual/Augmented reality (VR,AR)
  - Digital healthcare
  - Data driven, data monetization



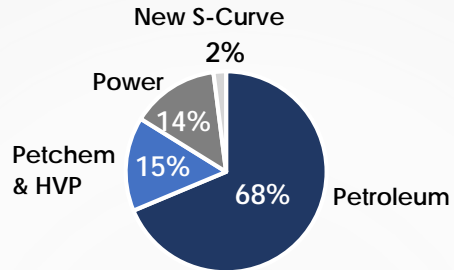
- Segmented goods and services
- Environmental friendly
- Aging society & concern on health

- More work from home, less travelling
- More health conscious
- Individual customization
- More shared society

## "Refinery Last Man Standing"

## "Empowering Human Life through Sustainable Energy and Chemicals"

### Existing Portfolio



Avg. Y2015-Y2019

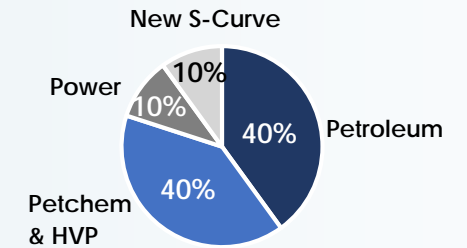
### 2018 – 2021

#### Accelerate the Reform

### 2021-2025

#### Building on Our Strong Foundation Integrated Crude to Chemicals

### Portfolio Target 2030



#### Value Maximization : Integrated Crude to Chemicals

- Strengthen core through CFP project
- Speedup growth by building on our strong foundation
- Existing value chain (Aromatics, Lube & LAB) & HVP via revamp/ debottleneck & partnership
- Olefins value chain, jumpstart via JV/partnership & bypass to downstream HVP
- Expand product portfolio & develop HVP through customer orientation, technical expertise & partnership



#### Value Enhancement : Integrated Value Chain Mgmt.

- ASIAN region as our investment playground & market
- Prepare for CFP & PetChem
- Move closer to customers to promote HVP's



#### Value Diversification

- Power to provide stable earnings
- Step up effort on New Ventures
- Window to identify new S-curve opportunities & diversity sources of earnings



# 4

## บทบาทของคณะกรรมการ ในสถานการณ์ COVID-19

Thaioil's Board has assumed vital roles in guiding the organization through Covid-19 crisis and toward the next normal through Crisis Management Framework

## Crisis Management Framework





# Board of Directors' Role during COVID-19

Thaioil's Board has fully performed the governing duties to support management team

## Board of Director

- ★ Business Continuity Management
- ★ Business Continuity Plan – BAU/Project Execution
- ★ Personnel Protection Measures & Budget
- ★ Short Term Measures – Cost Saving/Profit Maximization
- ★ Long Term Strategic Plan
- ★ Risk Management Framework

## Corporate Governance Committee

- ★ Personnel Measures – People First
- ★ Community Support
- ★ Social Support – ส่งพลังงาน..สร้างพลังใจ
- ★ AGM Arrangement Measures

## Risk Management Committee

- ★ Business Continuity Plan
- ★ Product Margin Hedge
- ★ Covid-19 Risk Management – Commercial/Manufacturing/Project Execution

## Audit Committee

- ★ Continuity of Audit Activities
- ★ Cyber Security

**Provide  
Advices**



**Follow-up  
Outcome**



**Monitor  
Execution**



**Governing Framework**

**Endorse  
Plan / Budget**





# 5

## การสนับสนุนผู้มีส่วนได้เสียของบริษัท ในสถานการณ์ COVID-19

- **Employee**
- **Supply Chain**
- **Customer**
- **Society**
- **Community**



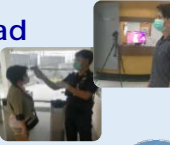




# Employee Support




## Strengthen Employee Well-being

### Health Prevention



- Provide all employees with **Hygiene Kit** (mask, thermometer, gel alcohol) for **preliminary self-protection**. 
- Provide shift employees with **6 masks/week/staff** to support their **health protection**. 
- Supply **8 Thermoscan** and **47 Infrared forehead** for all entrances & check points. 
- Proactive employee protection with **ATK 100% and random 15-20%**. 
- 100% hygiene: regular UV care room & equipment **sterilized**, clean all work areas and provide **alcohol gel in all meetings room**. 

### Work From Home (WFH)

- Encourage employees work from home as most as possible to protect risk of infection. Today, **WFH rate = 94%**.
- Provide **laptop, PC, and accessories including tools** to ensure efficient work from home.
- Provide **I-COVID Call Center (24/7)** in case the employee having inquires, or need support anytime. 



### Vaccination and Medical Care

- 100% Vaccination** (5,000 people) to employees, contactors and employees' families (3 tiers). 
- To vaccinate **booster dose** for all employee in Q4/2021.
- Fully take care of infected employees both **hospitalization and medical expenses**. 

## Employee Support and Help



### Work @ Office

- Prevent infection & contamination with measures of access (In-out) office building and working areas for employees, visitors, contractors.



### Work @ Home

- Employees are able to **work from home** and all employees are **granted Baht 10,000 to subsidy** for WFH expenses e.g. telecommunication equipment, health care expense, on-line learning etc.



### Digital Platform: 5 Happiness & Learning

- Employees can **VDO Call with psychologist /psychiatrist** anywhere/anytime/any device (5 Happiness-OOCA app.) and are enable to learn on **Thaioil Academy** (mobile learning) with 24/7 access.



### Support Team for Safe House

- Upon **safe house staff** need support for personal or family business. They can **request service from 4 support teams of I-COVID Center**.



### Keep In Touch

- Regularly **communicate/educate** COVID-19 situation and company's measures to ensure **employee safe**.





# Supply Chain Support



## Suppliers' and Contractors' Impact



Cash flow



Supply & Logistics



Government's Regulations & Practices

## Supporting suppliers and contractors during the COVID-19 pandemic

- ★ **Early payment** upon suppliers request
  - General service & goods
  - Logistics issues
- ★ **Extend period of impacted contracts**
  - No impact to penalty
  - No impact to other ongoing works
- ★ Monitor and follow up with internal parties concerned for receiving and **on time payment**
- ★ Alternative choices to **minimize risk & costs**
  - Switch transportation mode
  - Accept supplier's alternative manufacturer plant
- ★ Consolidate volume to **minimize suppliers' number of delivery** and cost
- ★ Collaborate to monitor and plan material delivery from UK, Italy and India
- ★ Implement **E-Bid Submission (SAP ARIBA)** initiative to avoid the assembly at workplace
- ★ Accept the **electronic files**
- ★ Transform **online meeting** i.e. Pre-bid Meeting, Kick off Meeting, Site Survey

## Outcome



Support Suppliers' **cash flow** and **cost management**



**Closely collaborate & be more justify** between suppliers & TOP



**Be effective** procurement & contract execution

## Supplier Relationship Management (SRM) Communication and Collaboration

Interactive Communication Channel for COVID-19

Support Vaccination Program for Contractors





Support Contractors for Quarantine and Medical Treating

Closely coordinate preventive measure with I-COVID Center



# Customer Support



COVID 19 Impact to Customer	Thaioil Support	Outcome
<b>Demand impact</b>		
 <ul style="list-style-type: none"> <li>• Low domestic Jet demand</li> </ul>	<ul style="list-style-type: none"> <li>• Offtake <b>volume adjustment</b> allowance</li> <li>• <b>Alternative product</b> offtake in respond to market demand</li> </ul>	<ul style="list-style-type: none"> <li>• Support change in market demand</li> </ul>
<b>Financial affect</b>		
 <ul style="list-style-type: none"> <li>• Tight financial liquidity</li> <li>• Maximum credit limit</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Credit term extension</b></li> <li>• <b>Credit amount extension</b></li> </ul>	<ul style="list-style-type: none"> <li>• Allow business continuity</li> </ul>
<b>Information and Communication problem</b>		
 <ul style="list-style-type: none"> <li>• Product portfolio information</li> <li>• Inaccessible communication via normal route</li> </ul>	<ul style="list-style-type: none"> <li>• <b>E-Product catalogue</b> implementation</li> <li>• Online market outlook</li> <li>• Regular market situation and <b>customer requirement update</b></li> </ul>	<ul style="list-style-type: none"> <li>• Easily access to sales and information</li> <li>• Fast and flexible sale plan adjustment</li> </ul>
<b>Transaction inconvenience</b>		
 <ul style="list-style-type: none"> <li>• Lengthen payment process from WFH</li> <li>• Bank Guarantee (BG) issuance problem</li> <li>• Lorry loading access by cross boarder driver</li> <li>• Limit driver loading training from COVID-19 preventive measure</li> </ul>	<ul style="list-style-type: none"> <li>• Online payment system development “<b>Thaioil Smart Biz</b>” (TSB)</li> <li>• Thaioil <b>Blockchain</b> system support</li> <li>• Online driver training</li> <li>• <b>Safety support</b> from COVID-19 at lorry <ul style="list-style-type: none"> <li>✓ Check driver temperature and Record in-out time</li> <li>✓ Keep social distancing</li> <li>✓ Provide hand sanitizer alcohol and regularly UV cleaning</li> </ul> </li> <li>• Drive thru loading document process</li> </ul>	<ul style="list-style-type: none"> <li>• Improve payment conveniency</li> <li>• Increase security and customer’s convenience</li> <li>• Convenience and prevent COVID- 19 infection</li> </ul>



## การช่วยสังคมในวงกว้าง

### อุปกรณ์ป้องกัน และเครื่องมือแพทย์

วัตถุประสงค์: สนับสนุนหน่วยงานสาธารณสุข และประชาชนทั่วไป

 ชุดคลุมกันเบื้อน ทางการแพทย์	 ถุงกำลังใจ	 เครื่องวัดความดันโลหิต	 เครื่องให้อากาศ ผสมออกซิเจน
 หน้ากากอนามัย	 แอลกอฮอล์น้ำ	 เครื่องวัดอุณหภูมิขาดัง	 อาหารกล่อง
 เจลทำความสะอาด	 หน้ากากป้องกัน ใบหน้า (Face Shield)	 หน้ากาก N95	 แอลกอฮอล์น้ำ แบบดล็บ
 เครื่องอุปโภค			

## โครงการ“ส่งพลังงาน สร้างพลังใจ”

 แนวคิด	นำผลิตภัณฑ์ของกลุ่มไทยออยล์สนับสนุนหน่วยงานด้าน สาธารณสุขและช่วยเหลือประชาชนภายใต้วิกฤตโควิด-19
 ผลิตภัณฑ์ของ กลุ่มไทยออยล์	 <ul style="list-style-type: none"> <li>น้ำมันเชื้อเพลิง</li> </ul>  <ul style="list-style-type: none"> <li>แอลกอฮอล์</li> </ul>  <ul style="list-style-type: none"> <li>ผลิตภัณฑ์ ทำความสะอาด</li> </ul>
 วัตถุประสงค์	<ul style="list-style-type: none"> <li>ฉีดวัคซีนเชิงรุกให้แก่ประชาชน</li> <li>เคลื่อนย้ายผู้ป่วยไปรักษาโรงพยาบาล / กลับภูมิลำเนา</li> <li>ฌาปนกิจสงเคราะห์</li> </ul> <p style="text-align: right;">ด้วยรักและห่วงใย จากพวกเราชาวไทยออยล์</p>

## หน่วยงานที่สนับสนุน



สภากาชาดไทย

รพ.จุฬาลงกรณ์

กรมอนามัย

รพ.ศิริราช


ศูนย์ฉีดวัคซีน รพ.ແหลมดັງ

สสจ.ศิริราชฯ และ สสจ.ชลบุรี

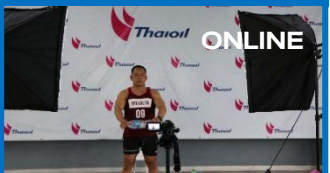


## การช่วยเหลือสนับสนุน 23 ชุมชนในช่วงวิกฤตไวรัสโควิด-19

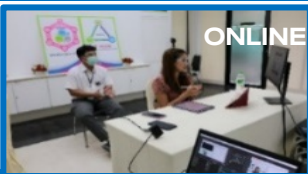
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ONLINE  
สดมนต์



ONLINE  
ออกกำลังกาย

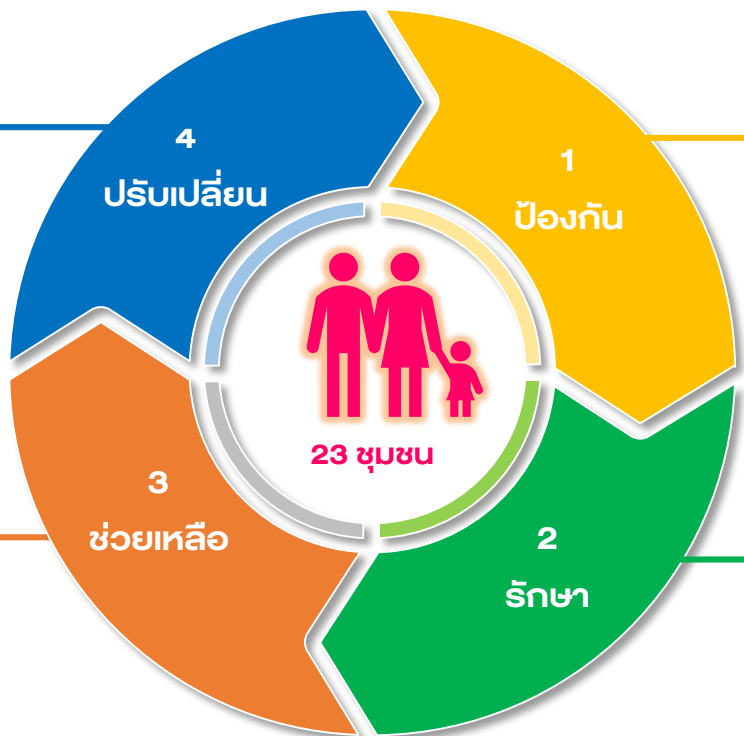
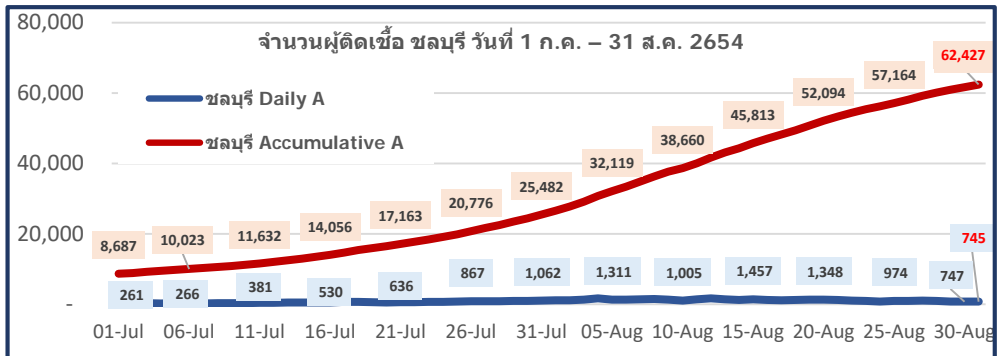


ONLINE  
สอนภาษาอังกฤษ



ONLINE  
ตัวสอบสัมภาษณ์

**กิจกรรมร่วมกับชุมชน**



### เศรษฐกิจ / ค่าครองชีพ



ตู้ปันสุข/อาหาร



มอบถุงกำลังใจ

### ศูนย์ฉีดวัคซีน

- ระบบเครือข่ายคอมพิวเตอร์ / ระบบบริหารจัดการ
- แอลกอฮอล์

### อุปกรณ์ป้องกัน

- หน้ากาก / แอลกอฮอล์





### โรงพยาบาลสนาม

- สนับสนุน เครื่องให้อากาศผสมออกซิเจนHi-flow
- โรงพยาบาลแหลมอับัง
- รพ.สนาม ชุด PPE
- การเคลื่อนย้ายผู้ป่วย (โครงการส่งพลังงาน สร้างพลังใจ)

### โรงพยาบาล




### ศูนย์พักคอย






Q&A  
THANK YOU



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