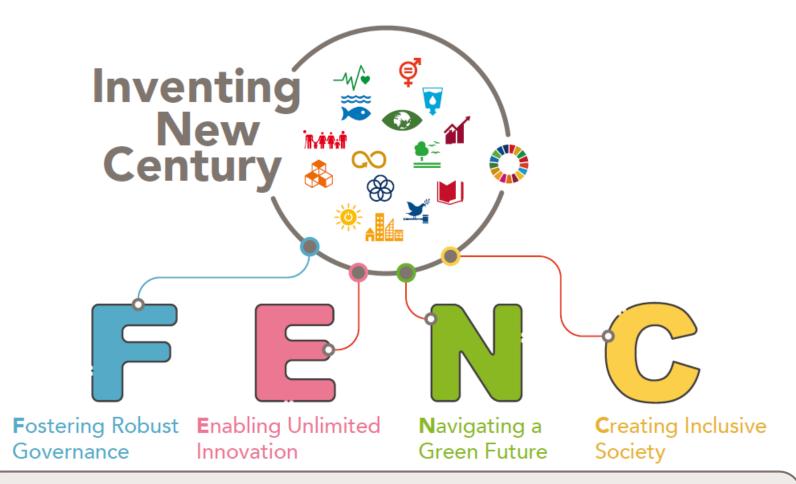




IR publication – Nov 2021

# **Sustainability Strategy Blueprint**



# FENC is the leader in the global polyester recycling industry, giving new life to waste PET bottles.

For years, the Company has been developing mechanical and chemical recycling technology for waste polyester to amplify the effects of the circular economy. A breakthrough came in 2020, when recycling waste apparel and textiles became possible. The Company is an essential link in the global green supply chain.

## **Table of Contents**

- Market Update
- Company Highlights
- Company Overview
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  - Production business strategy
  - Investment portfolio
  - Property development plan
  - Dividend policy
  - CAPEX
- Financials
- Recent Achievements & CSR
- Appendix

**NEW CENTURY** 

# Market Update(I): Governments' New Mandates

FAR EASTERN NEW CENTURY

Fost-consumer Recycled (PCR) Resinwill become a mandatory component of future plastic bottles In many places		2025 / 2030			
		New PCR goals			
		Min. requirement	2025	2030	
		EU	25%	30%	
	California, US	25%	50%		
	(Washington is one year later)				
2021 ~	Mandatory rec	ycled-content l	bill in th	e US	
Plastic tax in EU		California	Washi	naton	
		• an • n • a			
European Parliament	Effective year	2022 2023		23	
Effective: Jan 2021	Penalty rate	US\$0.2/lb	(≈US\$440/	<b>′</b> T)	
Tax rate: €0.8/kg (≈US\$950/T)	Min. requirement	15% of PCR plastic content			
•	(PCR) will become a compo of future pla In many 2021 ~ Plastic tax in EU Effective: Jan 2021 Tax rate: €0.8/kg	(PCR) Resin   will become a mandatory   of future plastic bottles   of future plastic bottles   ln many places     2021 ~   2021 ~   Castic tax in EU   Effective: Jan 2021   Effective: Jan 2021   Tax rate: €0.8/kg	(PCR) Resin         will become a mandatory         component         of future plastic bottles         In many places         2022 ~         2021 ~         2021 ~         Mandatory recycled-content         California         Use         Plastic tax in EU         Effective: Jan 2021         Penalty rate       US\$0.2/lb         Min. requirement         Effective: Jan 2021	(PCR) Resin       New PCR goa         will become a mandatory component of future plastic bottles In many places       New PCR goa         2021 ~       2022 ~         2021 ~       2022 ~         2021 ~       Mandatory recycled-content bill in the Plastic tax in EU         Effective: Jan 2021       Effective year       2022 2         Penalty rate       US\$0.2/lb (≈US\$440/ LEW of DCP plastic and US\$0.2/lb (≈US\$40/ LEW of DCP plastic and US\$0.2/lb (≈US\$40/ L	

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# Market Update(II): Brands' Sustainability Commitments

#### Three major types of brands set various recycled content targets



**Beverage** 25%

e.g. Coca-Cola, Pepsi, Nestle, Danone, Suntory, Asahi, etc.



#### Lifestyle

e.g. IKEA, Unilever. L'Oreal, Colgate, Method, etc.

**50%** 



**Apparel** 

#### 100%

e.g. Nike, Adidas, H&M, Uniglo, Timberland, Under Armour, etc.

#### New closed-loop business model in Japan

#### New partnership & business model with Coca-Cola & 7-eleven in Japan



Video at https://www.youtube.com/watch?v=W9wTijpnEiM

# **Company Highlights (I)**

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FAR EASTERN NEW CENTURY

FENC is a world leading integrated polyester producer (incl. virgin & recycled PET), the only supplier providing integrated production and total solution services ranging from upstream feedstock to downstream daily necessities

(A constituent of the MSCI ESG Leaders Indexes, FTSE4Good Emerging Index & TWSE CG 100 Index)



PE/PET & PE/PP PET Recycled Recycled Recycled PET Nylon 6,6 Bicomponent Nonwoven Staple Fiber Filament **Ocean Polyester** PET PSF Resin Filament Sheet WORLDWIDE WORLDWIDE WORLDWIDE WORLDWIDE WORLDWIDE **ASIA PACIFIC** ASIA WORLDWIDE TOP 1 TOP 1 TOP 1 TOP 1 TOP 2 TOP 3 TOP 3 TOP 1



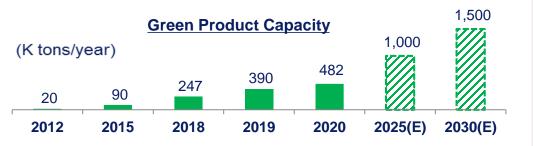
# **Company Highlights (II)**

• FENC is a leading polyester recycling company (refer to page 9-12)

#### FENC's polyester recycling business

• <u>Global leader in the recycled PET (R-PET) business</u> FENC has invested heavily in the R-PET industry since 1988 in Taiwan and then globally.

Target to be the global No.1 R-PET supplier



(Note) The global polyester consumption is around 81 million tons in 2020.

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No.1 plastic (PET) waste can be recycled & returned to its original uses, while other types of plastics may not have the same mature recycling & manufacturing systems.



FENC has reduced waste by **21 billion** PET bottles per year, enough bottles to circle the Earth **120.5 times**.



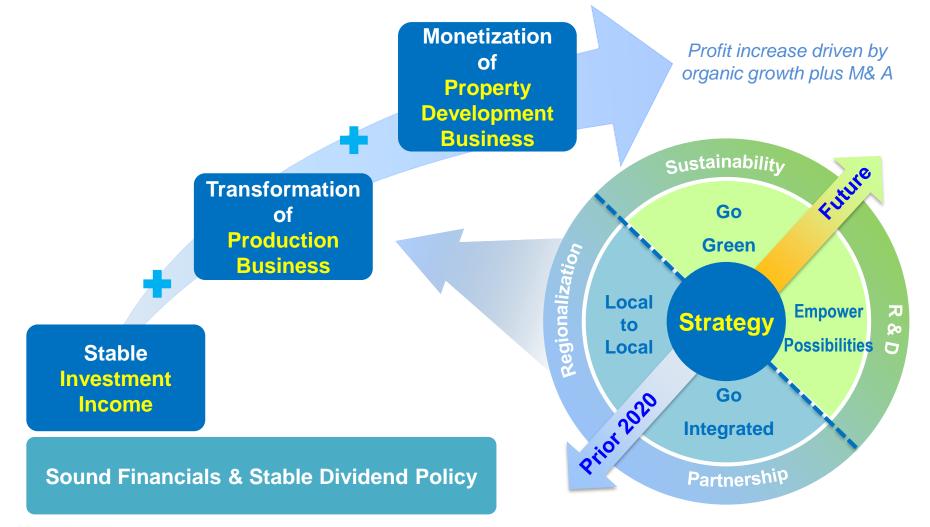
#### **GHG Reduction**

Compared to conventional production of virgin PET bottles, producing R-PET bottles reduces

GHG emissions by 63%.

# **FENC Strategic Summary**

FENC has three key businesses – Production, Investments, and Property Development.



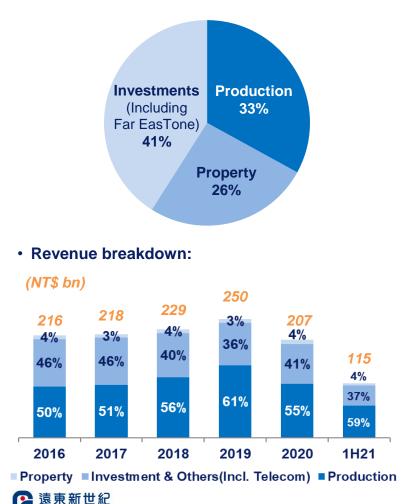
# **Company Overview**

- Year of establishment: 1954
- Employees: 29,259

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• Asset allocation as of Jun 30, 2021 (Total assets: NT\$ 633 billion / Book value per share: NT\$ 37.9 /share)

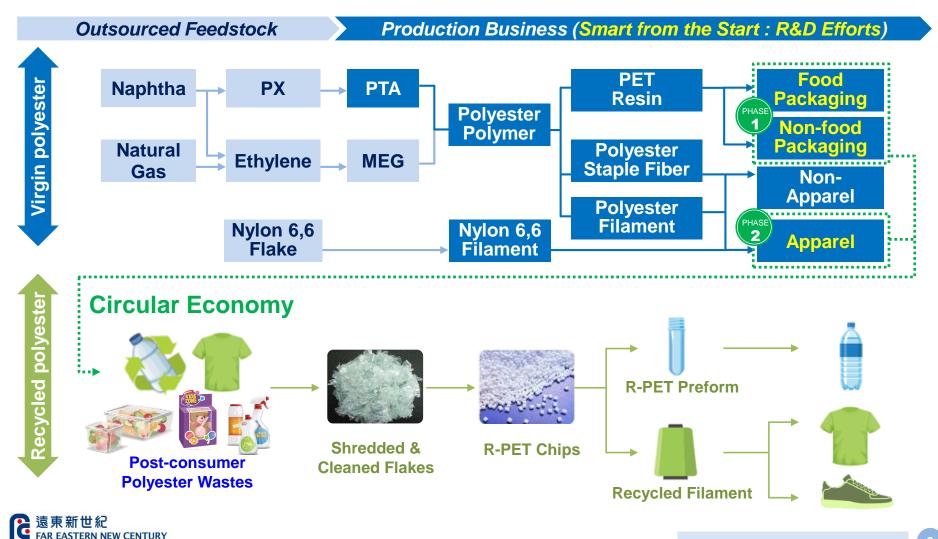


Bus	siness Segments	Production Sites	Capacity (As of Dec 31 2020)			
	Petrochemical	Taiwan & China	PTA: 2.75 mm tons/yr			
Production	Polyester	Taiwan, China, Vietnam, United States, Japan, Malaysia	Polymer: 2.67 mm tons/yr PET: 2.20 mm tons/yr PSF: 445K tons/yr Polyester Filament: 93K tons/yr Others Nylon 6,6 filaments: 21K tons/yr PET Sheets: 124K tons/yr PET films: 21K tons/yr Recycled-PET(R-PET): 482K tons/yr			
	Textile	Taiwan, China, Vietnam	Yarn: 303K spindles/yr Knitted Fabrics: 42K tons/yr Industrial Fabrics: 22K tons/yr Industrial Yarn: 144K tons/yr Apparels: 86 mm pieces/yr			
	Property	Various locations in Northern Taiwan	Total size: 220k pings (728k sq meters)			
Investments	Far EasTone (Consolidated)	Integrated service provider - mobile, fixed line, ISP, etc.	# of subs: 7.05mm (As of Sep 2021)			
Inves	Equity method & Others	Cement, retail, financial servicesetc. (refer to page 13				

# **World Leading Integrated Polyester Producer**

#### Single pellet solution:

To provide international brand customers total solution with ready to use resin combining virgin & recycled PET.



Empowering Possibilities : Green Product Trademark

# FENC® TCPGREEN® Recycling Solutions

Solutions for A Circular Economy & A Cleaner Earth



# **FENC's Pioneering Sustainability Projects**

An integrated total solution provider from waste bottle packing to finished green product



2021: Continental Tire Application of recycled polyester yarn in an automotive high performance scenario

**2021: LanzaTech / Lululemon / India Glycols** Created the 1<sup>st</sup> fabric using recycled carbon waste

2020 ~ Now: Coca-Cola Bottlers Japan A new joint project for chemical recycling (TopGreen<sup>®</sup> ChemCycle)

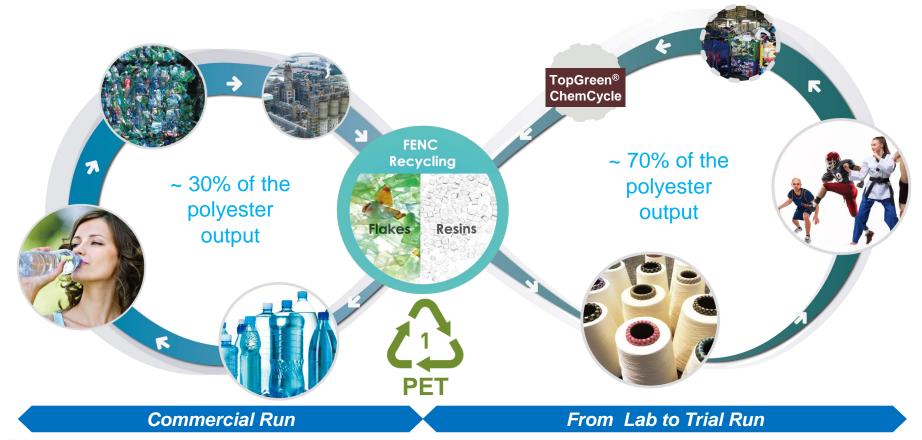
2019 ~ Now: Coca-Cola / 7-eleven Closed-loop Business Model in Japan A waste reduction mechanical recycling project

**2015 ~ Now: Adidas' Ocean Plastic Recycling Project with Parley (NGO)** Recycling ocean waste PET bottles into high-quality yarns for shoe uppers

2010 ~ Now: Nike Recycled National Team Kits Selected as one of the key suppliers for FIFA World Cups, the NBA and other global sporting events

# **Invest in the Future: Post Consumer Textile Recycling**

<u>TopGreen® ChemCycle</u>: FENC's PET recycling technology breakthrough "chemical recycling"
 To chemically convert used PET bottles/other polyester wastes (regardless of colors and printing inks) into recycled PTA (rPTA)
 Using rPTA to produce "ChemCycle Resins", chemically recycled PET resins, with a quality equal to that of virgin PET resins.





Video at https://www.youtube.com/watch?v=by7htBILLnY

# **Value of Major Investments - Listed Companies**

(NT\$ million)

Stock coc	le	Investees	Holdings	Book value (2021.6.30)	Market value (2021.10.29)
1102 TT		Asia Cement	27%	23,935	40,005
1710 TT	OUCC	Oriental Union Chemical	31%	5,458	6,506
2606 TT	<b>V</b>	U Ming Marine	0%	-	-
2845 TT	÷	Far Eastern International Bank	16%	7,360	5,897
2903 TT	2	Far Eastern Department Stores	35%	11,499	10,940
4904 TT		Far EasTone	38%	24,371	76,437
Total				72,623	139,785

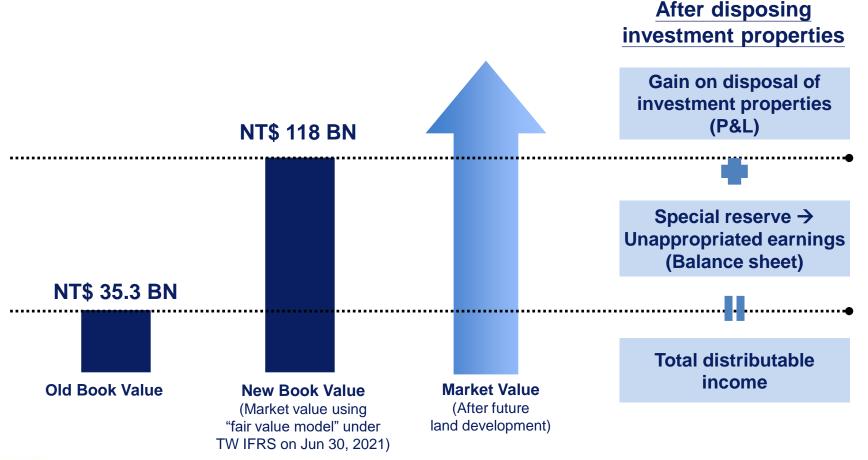
Note 1: 5,353 million shares of FENC common stock were issued and outstanding as of 30 Jun 2021.

Note 2: FENC owns Everest Textile 26% of its outstanding common shares as of 30 Jun 2021. The NT\$ 3 billion capital injection of Everest was completed on 15 Sep 2021. Updated percentage of FENC owning Everest Textile will be disclosed in 3Q21 financial results.



# Land Holdings Owned by FENC

- Total land holdings: approximately 570k pings (1,887k sq meters)
- Investment properties as at Jun 30, 2021: approximately 220k pings (728k sq meters)





# **Investment Properties – Major Landholdings of Land**

#### **Taoyuan City**

Size: 59,067 pings (195,512 sq meters) (Including part of the land area for a new land development plan)

#### A new land development plan

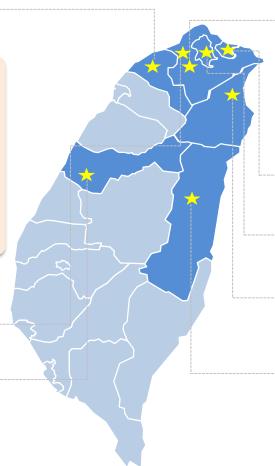
- ① Size: around 30k pings (99k sq meters)
- ② Status: applied for government's approval for land rezoning.(estimated 2-3 years)
- ③ Design concept: an integrated district tailored for residential zones, a commercial zone, a medical zone and green parks.
- ④ Neighborhood: is adjacent to Yuan Ze University & the underground railway project for Neili station, part of the ongoing Taoyuan urban renewal plan.

#### Taishan & Wugu

Size: 16,250 pings (53,788 sq meters)

#### Taichung City 🕎 🔭 a.mart (Rented to A. Mart hypermarket)

Size: 2,329 pings (7,709 sq meters)



#### Bangiao

#### Tpark Taipei Far Eastern Telecom Park

Size: 82,966 pings (274,617 sq meters) Book value: ~60% of investment properties



#### **Mega Tower** Size: 2,097 pings (6,941 sq meters)

Others

Size: 16,987 pings (56,227 sq meters)

#### Taipei Far Eastern Plaza (Note a) Size: 1,651 pings (5,465 sq meters)

#### Yilan (SPA resort)

Size: 30,694 pings (101,597 sq meters) Phase I plan: villa concept, around 200 rooms

Hualien Size: 9,446 pings (31,266 sq meters)



a) Land holdings include self-use and investment properties

1 ping = 3.31 sg meters = 35.58 sg feetb)

# Tparκ Taipei Far Eastern Telecom Park (Banqiao)

A **smart green** campus, with sole property ownership, integrated with residential zones (for sale), commercial offices (for lease), a medical center, a college, and a hypermarket in the neighborhood



(in terms of land size)

#### Land development plan:

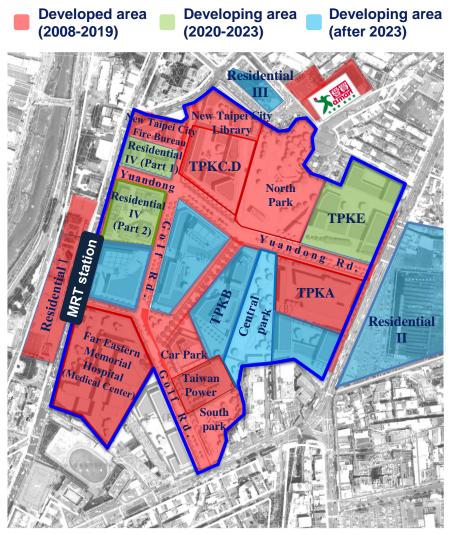
Approximately 24 hectares (~ 73.7K pings/244K sq meters)

- R&D Office Building Zone (46%)
  - An anchor tenant confirmed to develop a new office complex in Tpark
  - Current tenants: Google, Amazon Web Service (AWS), Ericsson, Synology, etc
- Residential Zone (7%)
- Retail / Commercial Zone (4%)
- Regional Medical Center (11%)
   Far Eastern Memorial Hospital
- Public Facilities (32%) New Taipei City library, New Taipei City Fire Bureau, infrastructure & green parks, etc.

Green Building in Tpark: • TPK A (TW EEWH rating - Certified), • TPK C (TW EEWH rating - Diamond), • TPK D (U.S. LEED rating - Gold & TW EEWH - Diamond)







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# No. 3 Commercial office building: TPK-E

• The entire building was rented out.

• 13-floor building; land area of 6.6k pings (21.8k sqm)

#### No. 2 residential product: Residential IV

Three 27-floor buildings



- Part 1:
  - Land area:1.6k pings (5.3k sqm)
  - GFA (for sale): 7k pings (23k sqm)
  - Slated to complete construction in 4Q21
- Part 2:
- Land area: 3.2k pings (10.6k sqm)
- Construction will start soon.

#### Property development plan

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#### No. 1 residential product: California Dream



- 2 to 4 bedrooms designed for typical TW families
- Sales of phase I in 2009
- GFA: 19.3k pings (64k sqm), and around 396 units
- ASP at around NT\$ 420k/ping (US\$ 4k/sqm)
- Sales of phase II in 2016
- GFA: around 5.5k pings (18k sqm), or 154 units
- ASP at around NT\$ 553k/ping (US\$ 5k/sqm)

#### No. 1 commercial office building: TPK-A



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- -11-floor building, with 2 floor underground parking lot
- -GFA: 18.7k pings (62k sqm)
- -Green building label: TW EEWH Certified rating

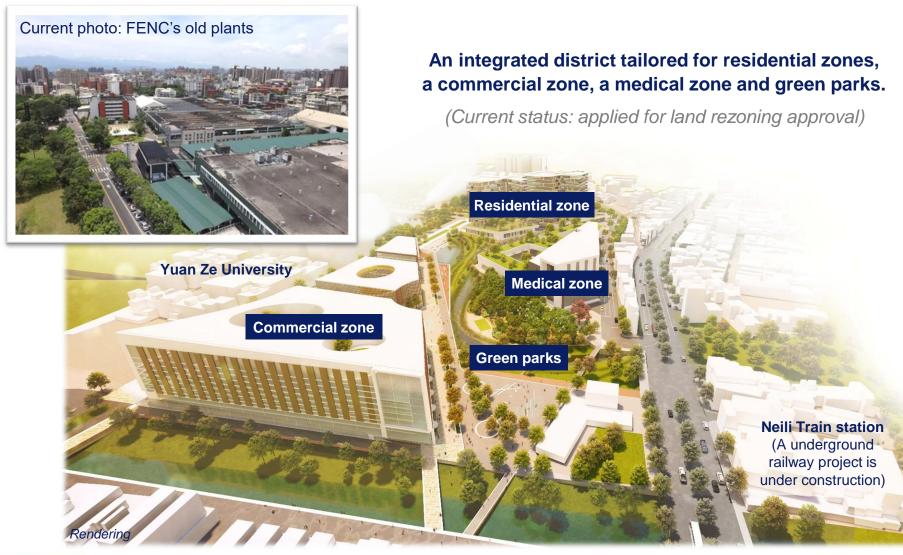
#### No.2 Commercial office building: TPK-C&D



#### TPK-C (FETone IDC center)

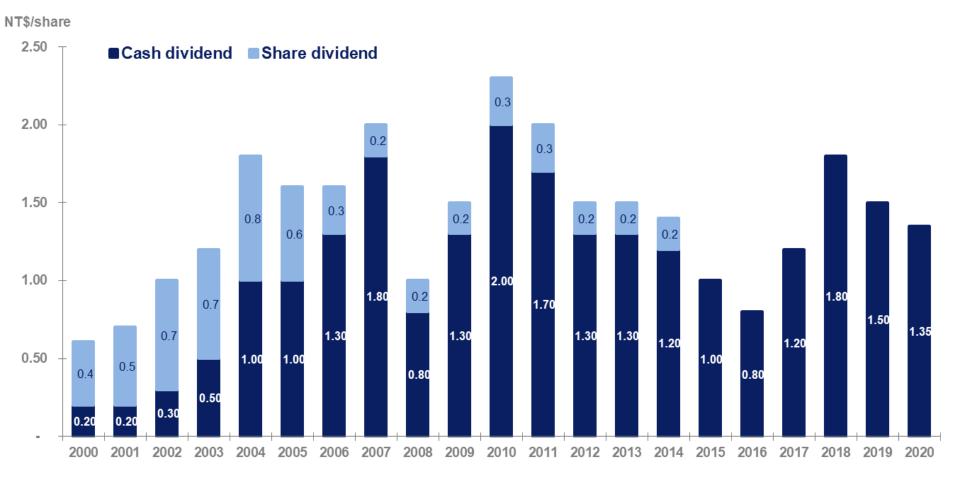
- 11-floor building; GFA of 10.2k pings (33.8k sqm)
- Green building label: TW EEWH Diamond rating
- TPK-D (No.2 office building)
  - The entire building was rented out.
  - 16-floor building; GFA of 17.7k pings (58.5k sqm)
  - Green building label: TW EEWH Diamond rating & U.S. LEED Gold rating.
- The combined land area of TPK-C&D: 4.7K pings (15k sqm)

# Neili (Taoyuan City) New Land Development Plan





# **Dividends Payout History**



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# **CAPEX – Excluding Telecom Business**



#### Major CAPEX items:

\*Including the investment in joint operation of CCP JV project. (refer to page 29)

Business	Before 2009	2010 ~ 2015	2016 ~ 2020	2021~
Production	The maintenance CAPEX was covered by the depreciation expense.	<ul> <li>Taiwan: PTA expansion and energy cost saving projects, R-PET expansion &amp; Nylon 6,6 filament</li> <li>Japan: R-PET new production site</li> <li>China: Nonwoven hygiene products &amp; Nylon 6,6 filament</li> </ul>	<ul> <li>Vietnam: to build the 3<sup>rd</sup> production site targeting textile products and PET resins for food packaging</li> <li>U.S.(M&amp;A): to acquire PTA &amp; PET assets &amp; a R-PET plant</li> </ul>	<ul> <li>Vietnam: new lines for R- PET, polyester staple fibers &amp; filament</li> <li>Japan: R-PET new lines</li> <li>U.S: CCP JV project</li> </ul>
Property (Taiwan)	-	Tpark: TPK-A and the entire infrastructure of the Tpark	<ul> <li>Tpark: TPK-D &amp; No.2 residential products (part 1)</li> </ul>	Tpark: TPK-E & No.2     Residential products (part 2)



# Key Financial Highlights (IFRS-consolidated Base)

(NT\$ million)	2Q21		2Q20		YoY	1H21		2020		2019	
Revenues	58,494	100%	48,944	100%	20%	114,742	100%	206,769	100%	250,147	100%
Profit from Operations	4,073	7%	2,457	5%	66%	7,178	6%	10,002	5%	13,763	6%
Investment Income(Equity method)-Net	1,670	3%	2,032	4%	-18%	3,822	3%	5,525	3%	6,464	2%
Interest Expenses-Net	(620)	-1%	(694)	-1%	n.a.	(1,221)	-1%	(2,640)	-1%	(2,866)	-1%
Gain on revaluation of investment property	189	0%	165	0%	14%	485	1%	3,246	2%	1,883	1%
Others	104	0%	162	0%	-36%	(2)	0%	(9)	0%	(114)	0%
Consolidated Income before Tax	5,416	9%	4,122	8%	31%	10,261	9%	16,123	8%	19,130	8%
Tax Expenses	859	1%	683	1%	26%	1,786	2%	3,143	2%	2,695	1%
Consolidated Net Income	4,557	8%	3,439	7%	33%	8,476	7%	12,981	6%	16,435	7%
Attributable to:											
Shareholders of the Company	3,517	6%	2,186	4%	61%	6,231	5%	8,063	4%	10,733	5%
Non-Controlling Interests	1,040	2%	1,253	3%	-17%	2,245	2%	4,918	2%	5,702	2%
EPS (NT\$) <sup>(1)</sup>	0.71		0.44			1.25		1.62		2.15	
Depreciation & Amortization	6,983	12%	6,178	13%	13%	13,734	12%	25,753	12%	26,062	10%
Excluding FETone:											
Revenues	38,996	100%	30,269	1 <b>00</b> %	<b>29%</b>	74,408	100%	127,268	100%	166,281	100%
Depreciation & Amortization	2,567	7%	2,263	7%	13%	4,906	7%	9,191	7%	8,836	5%
EBITDA <sup>(2)</sup>	4,069	10%	1,751	6%	132%	7,126	10%	8,156	6%	10,673	6%
Total Assets						633,371	100%	616,955	100%	576,080	100%
Total Debt						369,704	58%	347,531	56%	304,759	53%
Net Interest-bearing Debt						235,184	37%	232,482	38%	189,390	33%
Total Equity						263,667	42%	269,425	44%	271,321	47%
Total Shareholders' Equity of										00 1 700	
Parent Company						202,621	32%	204,029	33%	204,522	35%
Non-Controlling Interests						61,046	10%	65,395	11%	66,799	12%
Book Value Per Share						37.9		38.1		38.2	
Return on Equity						6.1%		3.9%		5.3%	

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遠東新世紀 FAR EASTERN NEW CENTURY Note: (1) EPS is calculated using adjusted outstanding shares (deducting treasury stock).

(2) EBITDA(Excluding FETone) = Profit from operations(excluding FETone) + Depreciation & Amortization(excluding FETone)

# **Performance by Business Segments**

(NT\$ million)	2Q21	2Q20	YoY	1H21	2020	2019
Reclassified for Presentation Purposes		· ·				
Gross Revenue						
Petrochemical <b>Production</b>	11,455	7,326	56%	23,349	33,387	58,226
Polyester	<b>42,650 ≺</b> 21,929	<b>30,620</b> $\prec$ 16,733		<b>82,558 ≺</b> 41,861 1		1 <b>84,145</b> ≺ 86,889
Textile	9,266	6,561	41%	L 17,348	29,137	\$39,030
Telecom	19,498	18,675	4%	40,334	79,501	83,866
Property	2,926	3,139	-7%	4,846	9,542	9,123
Investment & Others (1)	2,813	3,245	-13%	6,332	10,719	12,362
Subtotal	67,887	55,678	22%	134,069	234,673	289,496
Inter-company Sales	7,692	4,633	66%	15,468	22,232	32,815
Revenue-net	60,195	51,045	18%	118,602	212,441	256,681
Profit from Operations						
Petrochemical Production	(731)	(692)	n.a.	(829)	(3,351)	(444)
Polyester Business	<b>1,105</b> $\prec$ 1,432	<b>16</b>	42%	<b>2,634 →</b> 2,821	<b>253</b> $\prec$ 4,072	<b>3,216 →</b> 2,753
Textile	L 404	(299)	n.a.	642	L (468)	907
Telecom	2,571	2,970	-13%	4,957	11,038	11,925
Property	435	229	90%	744	1,032	806
Investment & Others (1)	1,310	1,371	-4%	2,440	3,695	4,470
Subtotal	5,421	4,585	18%	10,774	16,017	20,418
Other Adjustments	353	(26)	n.a.	263	(343)	(120)
Reclassified Profit from Operations	5,774	4,559	27%	11,037	15,674	20,298
For Reconciliation Purposes						
- Investment Income(Equity method)-Net	1,670	2,032	-18%	3,822	5,525	6,464
- Dividend Income	31	70	-56%	38	146	70
Profit from Operations	4,073	2,457	66%	7,178	10,002	13,763



Note(1): Investment & Others includes investment income (loss) from equity-method investees, i.e. ACC, OUCC, FEIB and share disposal gain (loss), etc.

# **Navigating A Green Future**

FENC responds to UN SDGs (United Nations' Sustainable Development Goals)

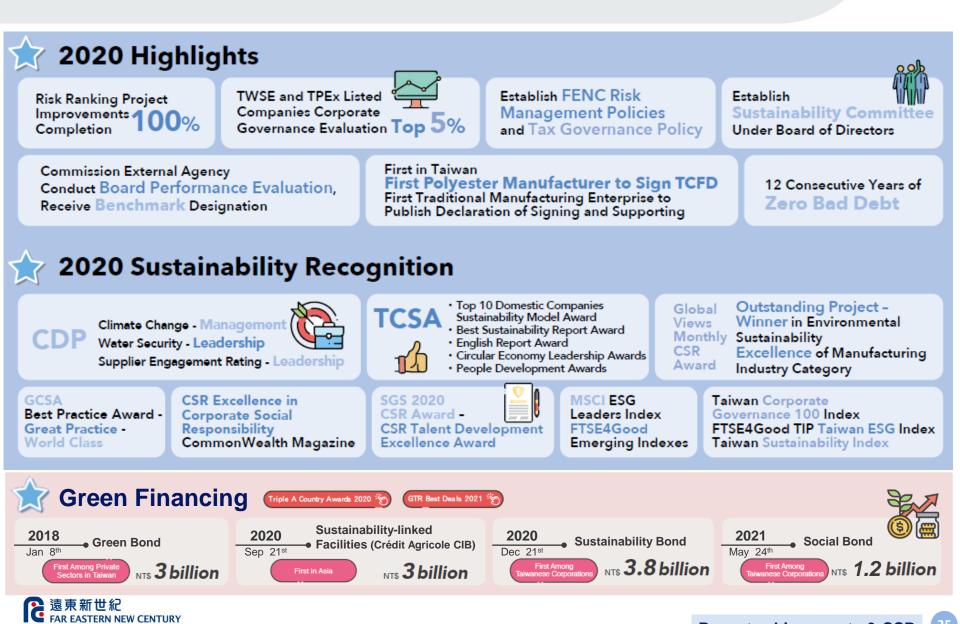
- ① <u>Responds all SDGs</u>: FENC is committed and has aligned its sustainability objectives with the UN SDGs.
- ② **Recycled PET (R-PET) meets 5 SDGs:** #12~15, #17.





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# **Recent Achievements & CSR**



For further information, please contact IR Team, Finance Department IR email box: <u>IR@fenc.com</u> Company website: <u>www.fenc.com</u>

#### Can also be reached as follows,

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# Appendix





# **About FENC**

Far Eastern New Century ("FENC") is a leading polyester recycling company publicly traded in Taiwan since 1967 with a market capitalization of approximately US\$6 billion. It's a constituent of the MSCI ESG Leaders Indexes and FTSE4Good Emerging Index. FENC is also the flagship company of Far Eastern Group and has diversified businesses ranging from production, to property development and investments.

On the production side, FENC aims to expand its green material business by increasing the scale of its recycled products. After expanding capacities in Taiwan, Japan and the United States, FENC has become one of the world's largest postconsumer recycled polyester producers. With their high quality and speed to market, FENC's products have been adopted by well-known global brands including Coca-Cola, Nike and Adidas.

FENC is a world top-three PET producer in terms of capacity and the leading PET producer in Asia. With its production sites in Taiwan, the United States, Vietnam, China, Japan and Southeast Asia, FENC is the only global polyester supplier providing integrated production and total solution services ranging from upstream feedstock to downstream daily necessities. FENC's strategy is to strengthen its position as a leading polyester producer by maintaining long-term client partnerships, upgrading its product mix and enhancing research and development capabilities.

Currently FENC has total investment properties of 220,000 pings (728,000 square meters) in Taiwan, the majority of which are located in prime areas of northern Taiwan. The Taipei Far Eastern Telecom Park (Tpark) project in Banqiao, New Taipei City is one of FENC's development priorities.

The majority of the Company's investment portfolio is listed companies on the Taiwan Stock Exchange with proven track records, including Asia Cement Co., Far EasTone Telecommunications Co., Far Eastern International Bank, Oriental Union Chemical Co., Far Eastern Department Stores Limited, and Everest Textile Co. Limited, thus providing the Company consistent dividend and investment income each year.





# **Provide Local to Local Services**

• Regionalization with various & diversified production sites and flexible sales & distribution to mitigate the effects of trade barriers.



**FENC's production sites:** Taiwan, China, Vietnam, United States, Japan and Malaysia.



(Note) CCP JV project: *•* partnered with Alpek & Indorama, *•* annual planned capacity of PET 1.1 MM & PTA 1.3 MM tons, *•* each party has the right to off-take one-third of the capacity and to source its feedstock independently.

Abbr. 😈 Polyester Staple Fiber(PSF) 🔀

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High Tenacity Polyester Yarn (HTY)

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