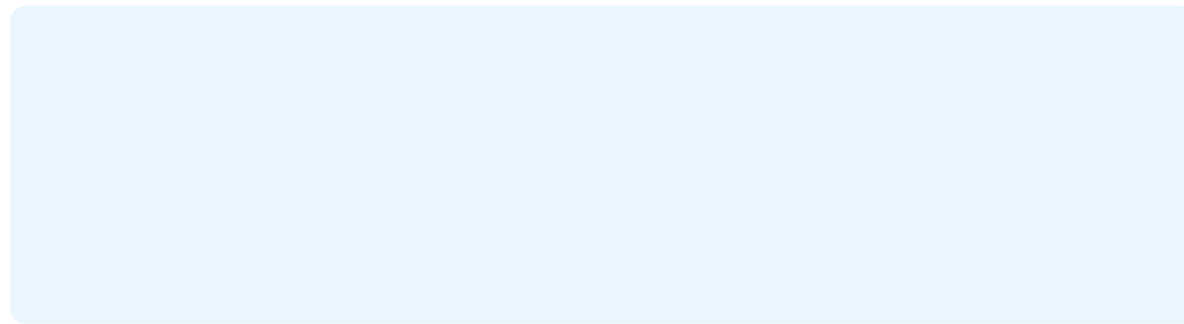
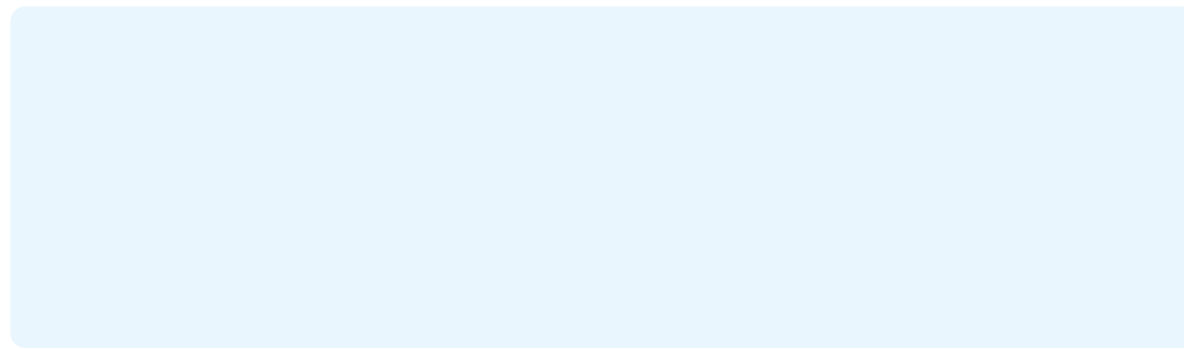




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上海證券交易所
SHANGHAI STOCK EXCHANGE

2020-2021

A

Sustainability Award
Bronze Class 2022

S&P Global

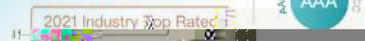
S&P Global 2022



2021 ESG 500

ESG
(S)

Wind ESG



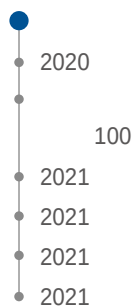
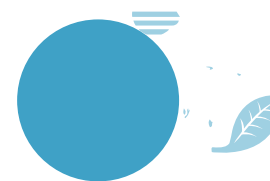
Wind ESG

AAA

Lenovo

2021

4C



100

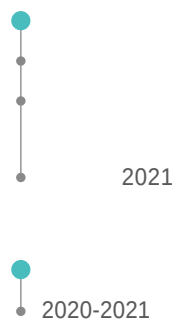
- 2021

100 10

100 37

100 6

50 39



- 2021

- 2021

-

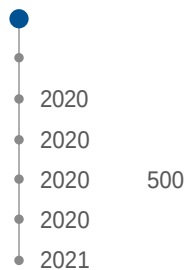
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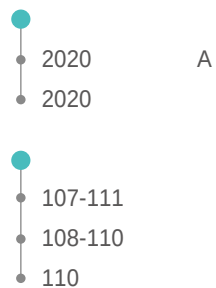


500

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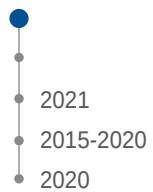
-

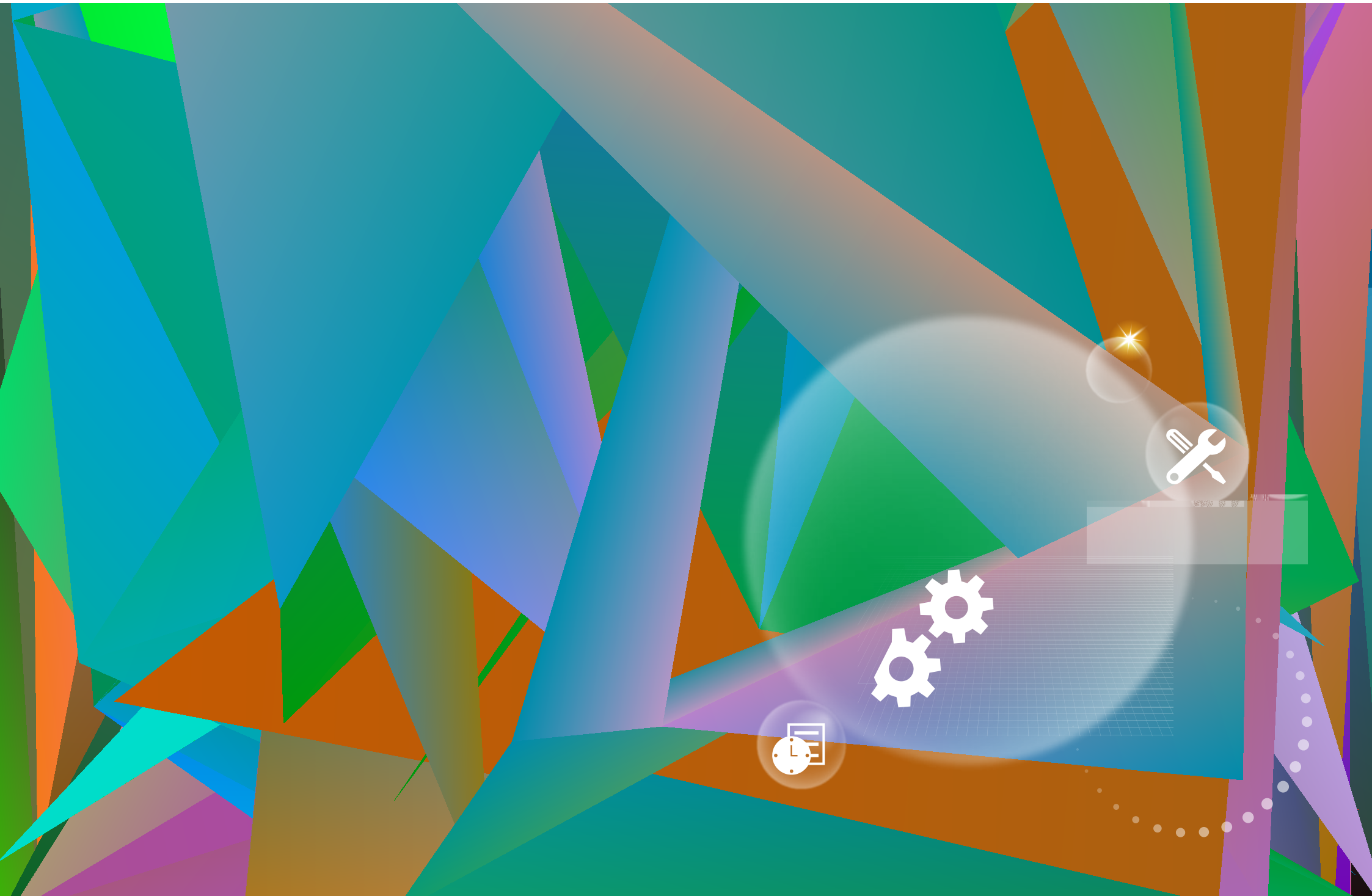


A

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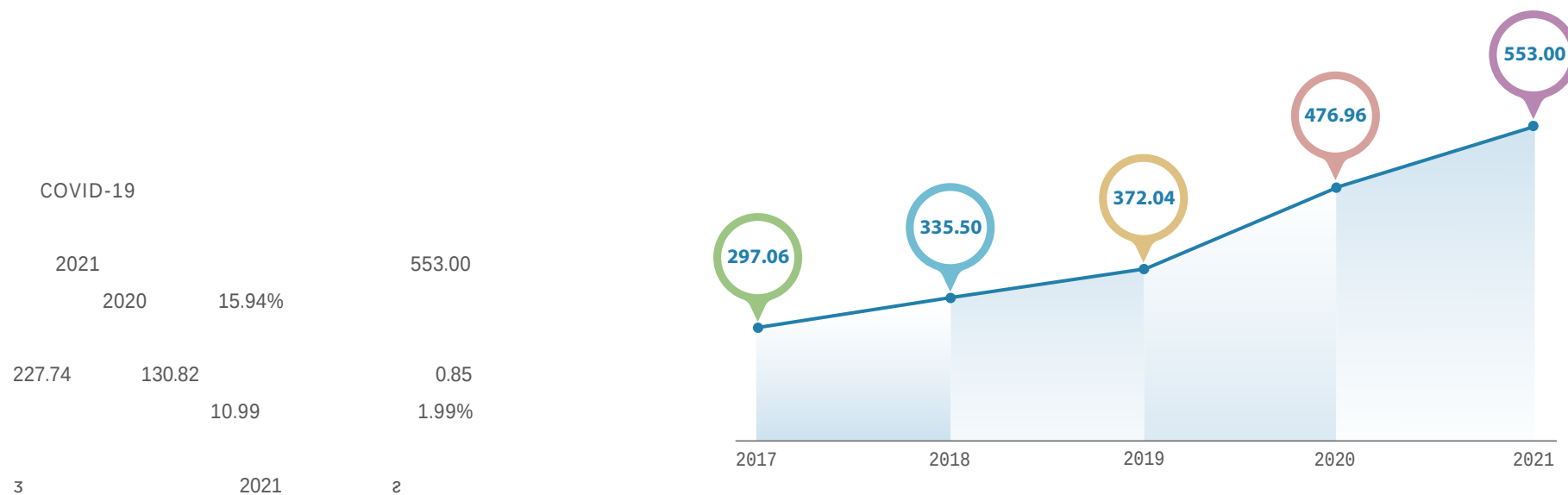
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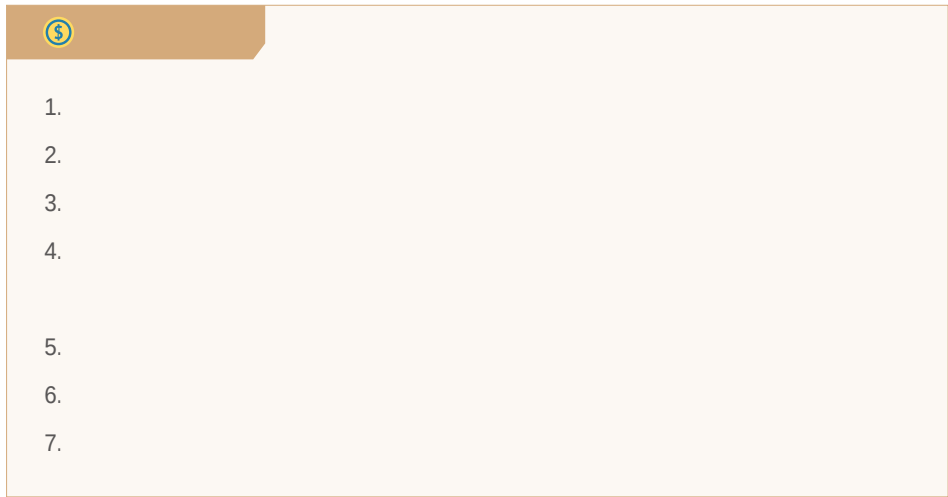


SDGs		2021		2021	2021		2022	2026
			▶	▶	▶	✓	▶	▶
	1.		▶ ISO 22301	▶ 22301 ISO	▶ COVID-19 2022	⌚	▶ ISO 22301	▶
	2.		▶	▶ 80%	▶ 85%	✓	▶ 100%	▶ 100%
			▶ ~	▶ ~ 100%	▶ ~ 100%	✓	▶ ~ 100%	▶ ~ 100%



	2021	2020	2019
	55,299,654,770	47,696,228,223	37,204,188,424
	2,131,813,481	1,961,650,751	1,422,151,443
	49,981,479,198	42,710,970,316	33,499,411,113
	2,138,858,923	1,973,563,055	1,432,762,959
	1,856,693,042	1,733,565,232	1,260,107,633
1	618,989,548	397,576,824	352,271,710
	0.85	0.80	0.58
	50,678,107	76,779,477	52,011,789

1. 2019 2020



"



<https://www.usiglobal.com/cn/>

corporate-governance/ir-board

	2021	19
2021		17
		2
		19

2021 7

USI





Enterprise Risk Management, ERM

1.

Top-down ERM Approach

2.

Approach

Bottom-up ERM

~ " ~ "

3.

4.

2021

96% ¹

2021

2

1. 2021

230

2. 6.5







■ 2021

USI

1~2

		1. / 2. 3. /	1. 2. 3.	1. 2. 3.
		1. EMS 2.	1. 2. 3.	



			1. USI 2018 2. I-REC 100% 3. USI 2050	1. 2.
			1. (1) (2) (3) 2.	1. 2. 3.
		/	1. 暨 ~ ~ ~ 2. COVID-19	/





~USI

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12

14

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2021

LMS e-learning

USI

暨

SDGs

ESG

<https://www.usiglobal.com/cn/csr/Sustainability-Management/Policy>



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Low Carbon

-
-
-
-

Circular

-
-
-
-

Inclusive

-
-
-
-

Collaborative

-
-
-
-





2021

2026



1

		2026		
1.				
2.				
	USI /	0		
3.				
			e-learning	
		100%	100%	
1.	USI		e-learning	
2.		100%	100%	

1.

[illegible]



2019 2020
SROI Environmental Profit and Loss, EP&L
2021
Total Impact Measurement and Management, TIMM

TIMM 2021 25,786

2021

27.5%

~ " ~ "
2021 80.3%

~

"

ESG





2021

COVID-19

"

~

7



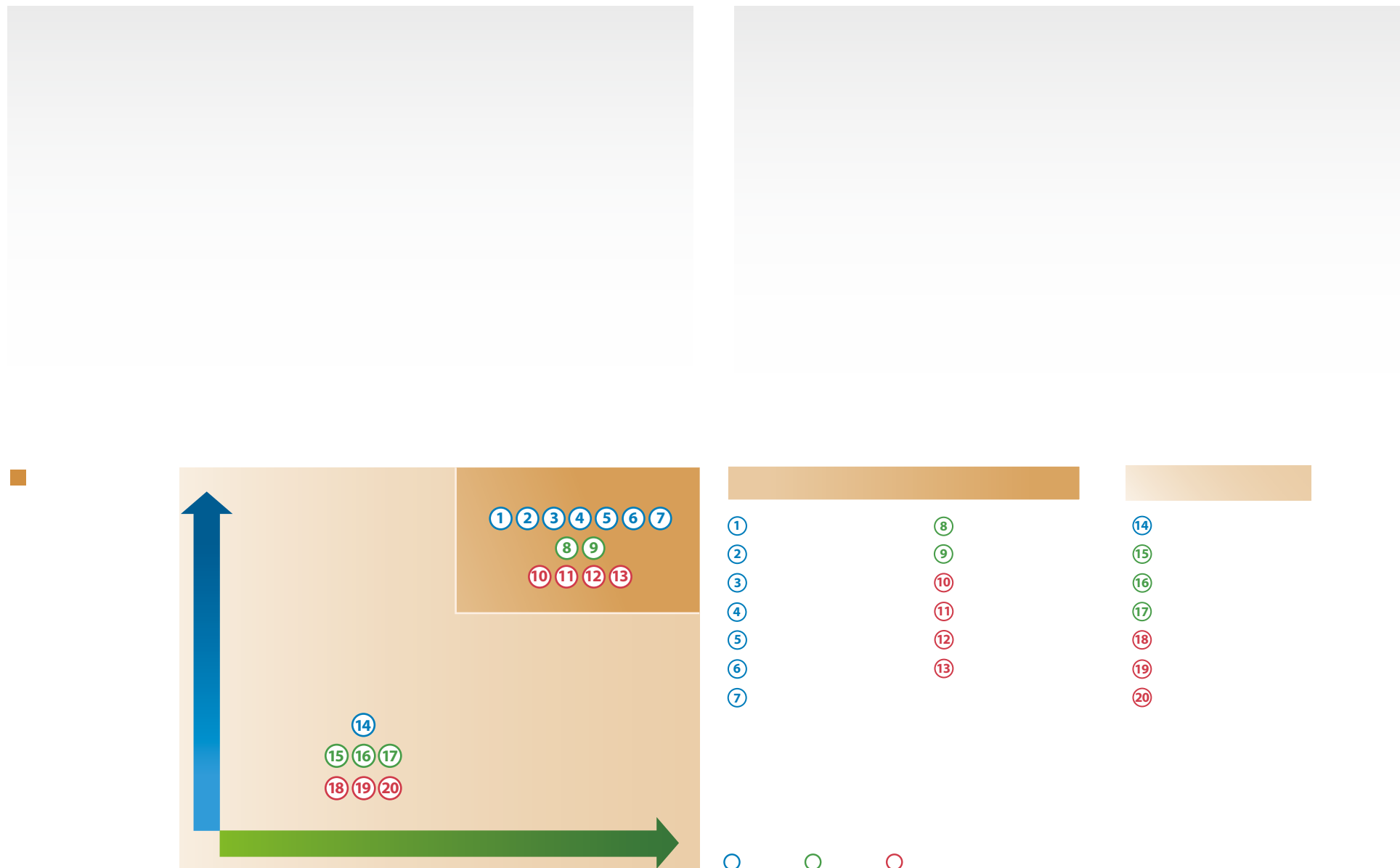
20



996



84





		GRI							
		305			✓		✓	▲	
		305			✓		✓	▲	
		403		✓	✓			▲	
		202 401 402 / 405			✓		✓	▲	
		404			✓			▲	
		406 407 408 409 412	/	✓	✓		✓	▲	



				2021	
 /		▶	/	▶ 7	2021
		▶		▶ 2	
		▶ / /		▶	
		▶		▶	
		▶ E		▶	
		▶ 1		▶ ~ "	
		▶ RBA-Online		▶ RBA-Online RBA	
		▶		▶ RMA ²	
		▶		▶ 84%	
		▶		▶ NIST CFS	
		▶		▶ ~ "	
					

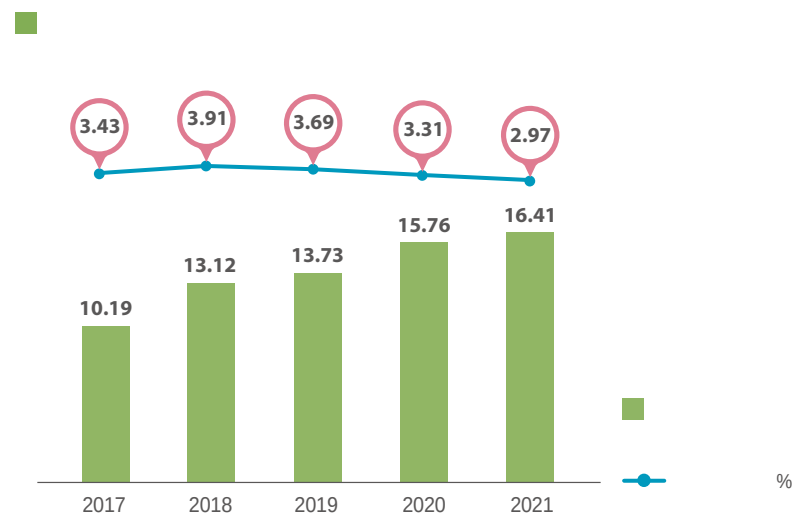
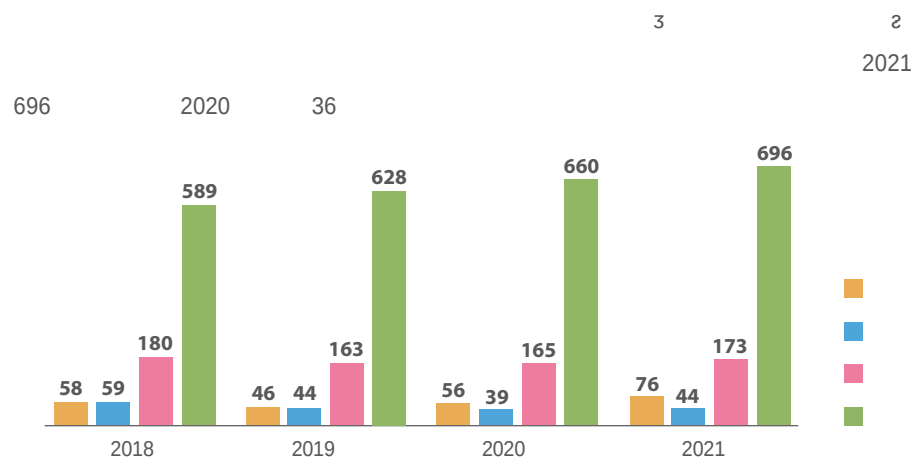
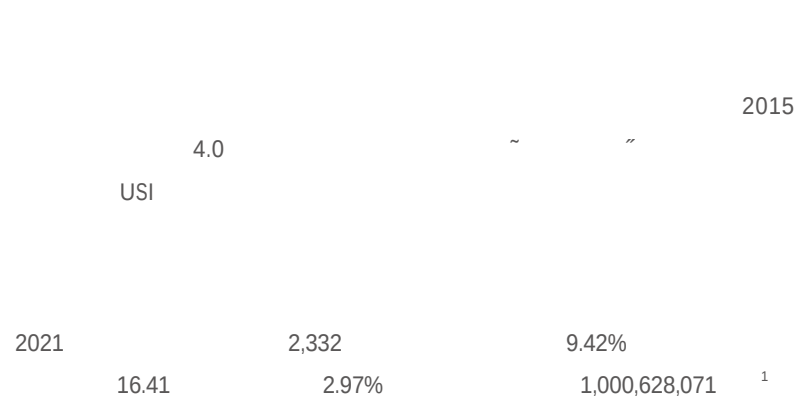


				2021	
				▶	
				“ ~ ” 702	
		▶ /	▶	116	
	▶	▶	▶	30.7	▶
	▶	▶	▶	6	▶
	▶	▶	▶	2021 USI 6% 16%	▶
	▶	▶ Newsletter	▶	2% 4% 5% 13%	▶
				▶ 111 410	
				▶ COVID-19	
				63% Microsoft 365 60 2	
	▶	▶	▶		▶
	▶	▶ / /	▶	▶ / /	▶

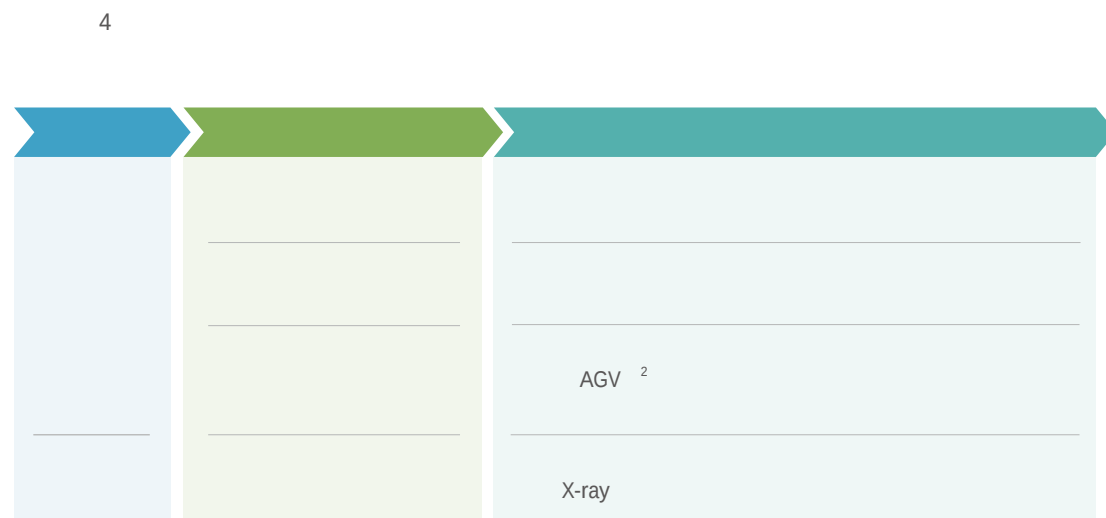




✓ ⌚								
SDGs		2021		2021	2021		2022	2026
			▶	▶	▶ 696	✓	▶ /	▶ 1,611
			▶	▶	▶ 304	✓	▶	▶
		/	▶	▶ 80 Plus	▶ 80 Plus	✓	▶ AC-DC 80 Plus	▶ AC-DC 80Plus
			▶	▶ RF 90%	▶ 5 RF 90%	✓	▶ WiFi Module IC Target to Save 30% Power	▶ Shrink Antenna Size by 25%



1. 2021 14~15 17
2. AGV, Automated Guided Vehicle





Continuous Improvement Program, CIP

2021

CRC

7,875.6

0.22%

0.22%

¹

17.9

3

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•

■ 2021

CIP

SRC Site Review Committee

CRC Corporate Review Committee

250

1.

2020

21.8

[illegible]



IECQ QC080000 ISO 14001 ISO 14064-1:2018

USI

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概

Eco-Design
2020
Green Parts Aggregations & Reporting System,
GPARS 〃 EHS
HSF Hazardous Substance Free RoHS WEEE
2021 〃 300
RoHS REACH
4 SVHC
223
〃 3
〃
〃
SDS
Design for Environment, DfE
Energy Star
ErP
2021
32.8%
14.8%

			USI
	RoHS ¹ Restriction of Hazardous Substances REACH ² Registration, Evaluation, Authorization, and Restriction of Chemicals	▶ ▶	▶ ▶ ▶
	WEEE Waste Electrical and Electronic Equipment	▶ ▶ ▶	▶ ▶ ▶
	ErP Energy-related Product CEC California Energy Commission	▶ ▶ ▶	▶ Standby & O□ mode ▶ EPS ▶
	SiP System in Package SOM System on Module	▶ ▶	▶ ▶ ▶

1. 2021 〃 〃 300 RoHS
2. REACH 4 SVHC Substances of Very High Concern, 223
3. 2023 〃 〃





e-learning
2021

18,713

• Green Product

-
-
-
- RoHS EU 2015/863
- Halogen-Free
-



84%

416

39%

276

94%





SDGs		2021		2021	2021		2022	2026
								



D(MS)² 1

2

1



Wi-Fi SiP

WW No.1 for
Smart Phone
& Tablet

5G SiP

Smart Phone
& Tablet



Wearable Device

WW No.1 for
Watch, Wristband...

LCD X-Y Board

TV, NB, Monitor

SHD & POS

WW No.2 for
Logistics &
Warehousing

Power Module

Car LED Lighting
Inverter
Power Module
xEV Powertrain



SSD & Array

Enterprise & SMB



X-86 M/B & Docking

Server/ WS
Docking for NB

1. D(MS)²

Design
Services

Manufacturing

Miniaturization

Solutions

2.

3.

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1

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2021

COVID-19

99.5%



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2021

3

2

100%

Business Review

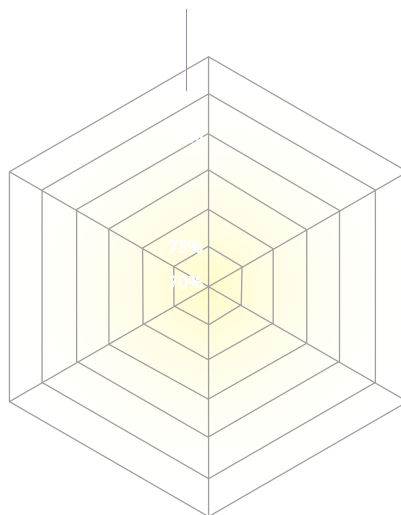
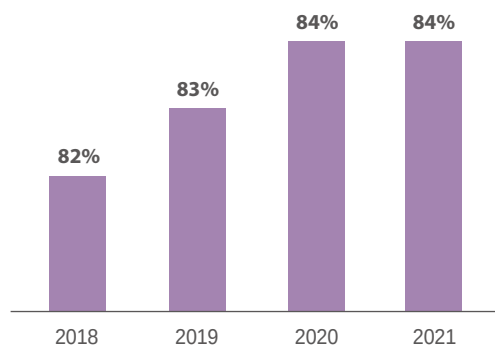
QBR Quarterly



- 1.
- 2.



1 2021 2 84%
Successful ~Successful~
USI
~Excellent~
80%



“

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”

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”

2021

1. Outstanding ≥90% Excellent
≤80%
2. 20 90%
≥85% Successful ≥80% Improvement Required



2021

EU RoHS	100%	100%	100%	100%	100%
Halogen Free (HF)	15%	77%	0%	100%	100%
CHINA RoHS	100%	100%	100%	100%	100%

2021

2021

2021

EN/IEC 60950-1	96%	100%
EN/IEC 62368-1	100%	100%
CNS 14336.1	75%	0%
GB 4943.1	50%	0%

1.

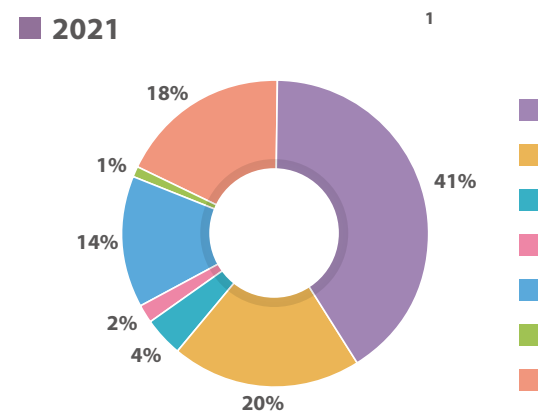


2021

COVID-19



1.



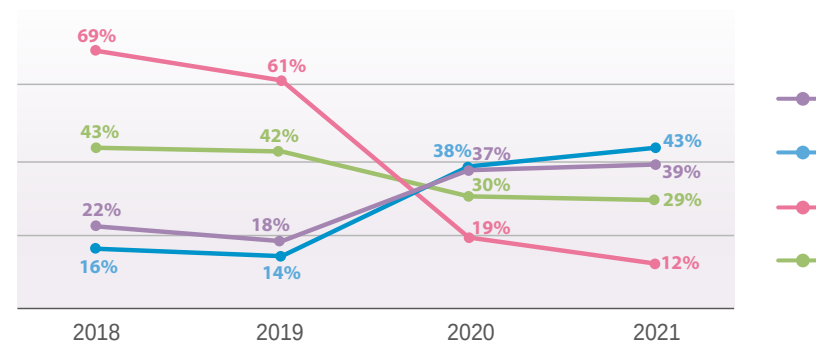


2021

2021

	429	70	884	829	780	428
	38%	17%	8%	12%	20%	5%

1



2021

1

Authorized Economic Operator, AEO

2021 10

5%

AEO

AEO

309

428

7%

AEO

2021

39%

2022

35%

1.





Vendor Rating

32

PDM

2021
94%

34

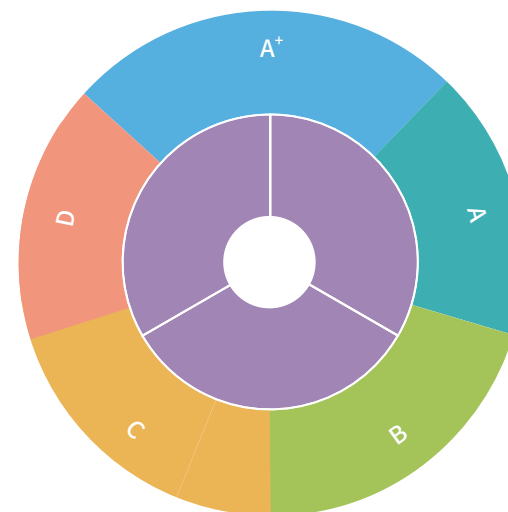
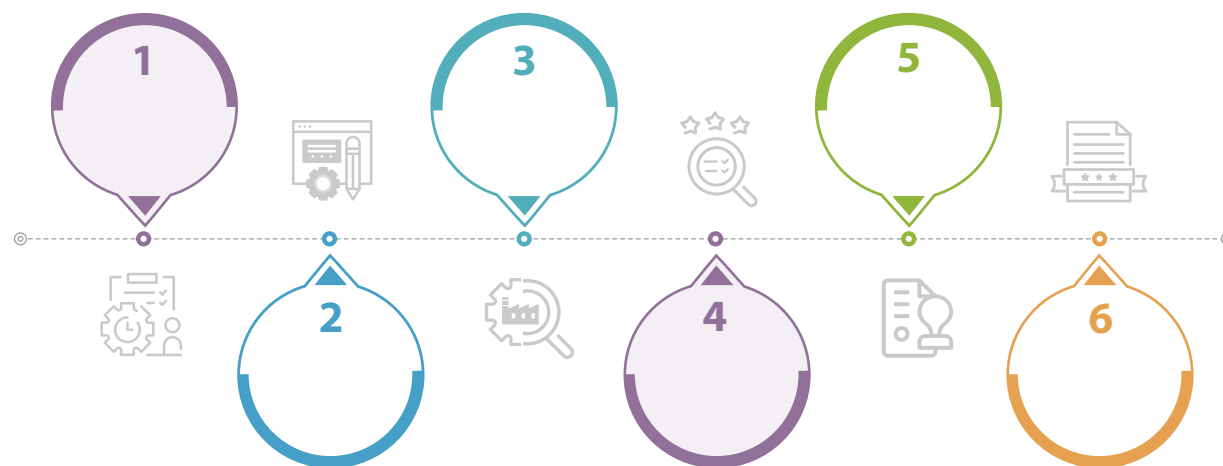
3

2

Quality Review

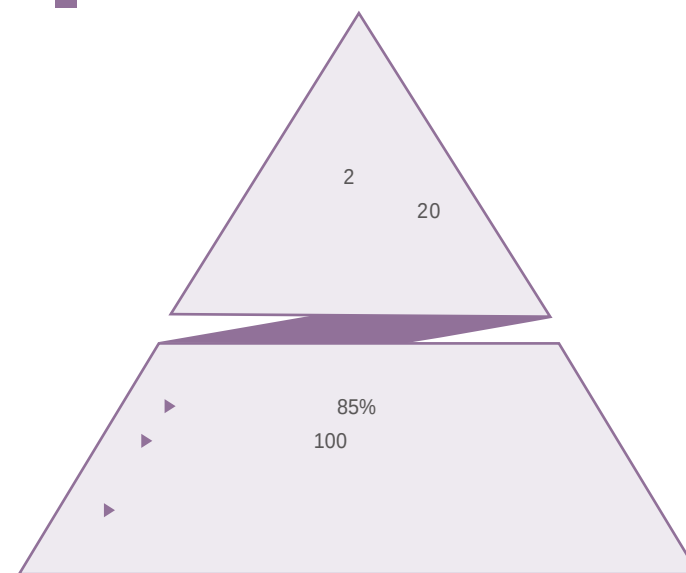
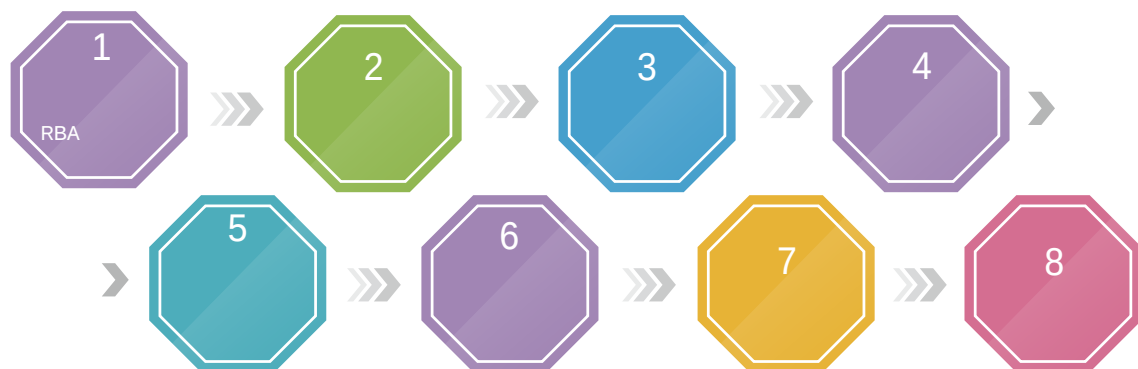
VCAR Vendor Corrective Action Report

Board, QRB





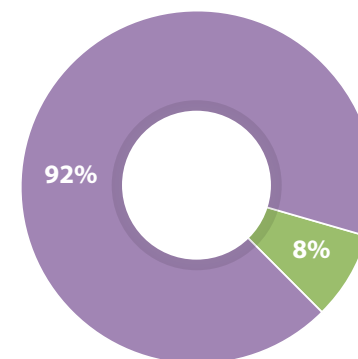
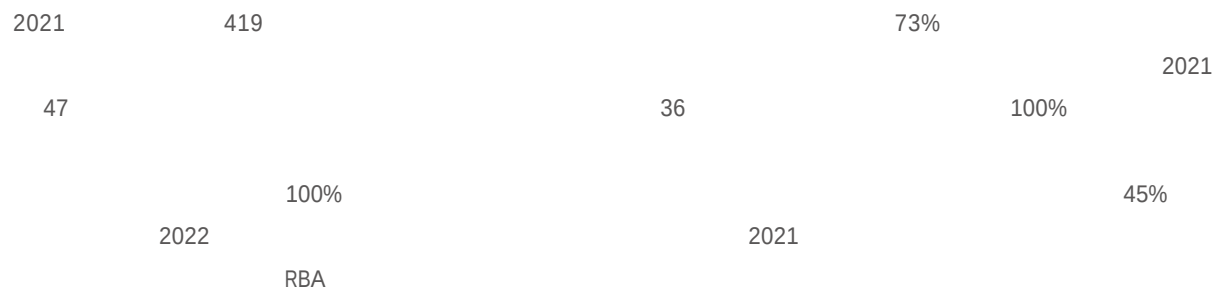
RBA



2021

1

Supplier Sustainability Assessment Questionnaire, SSAQ

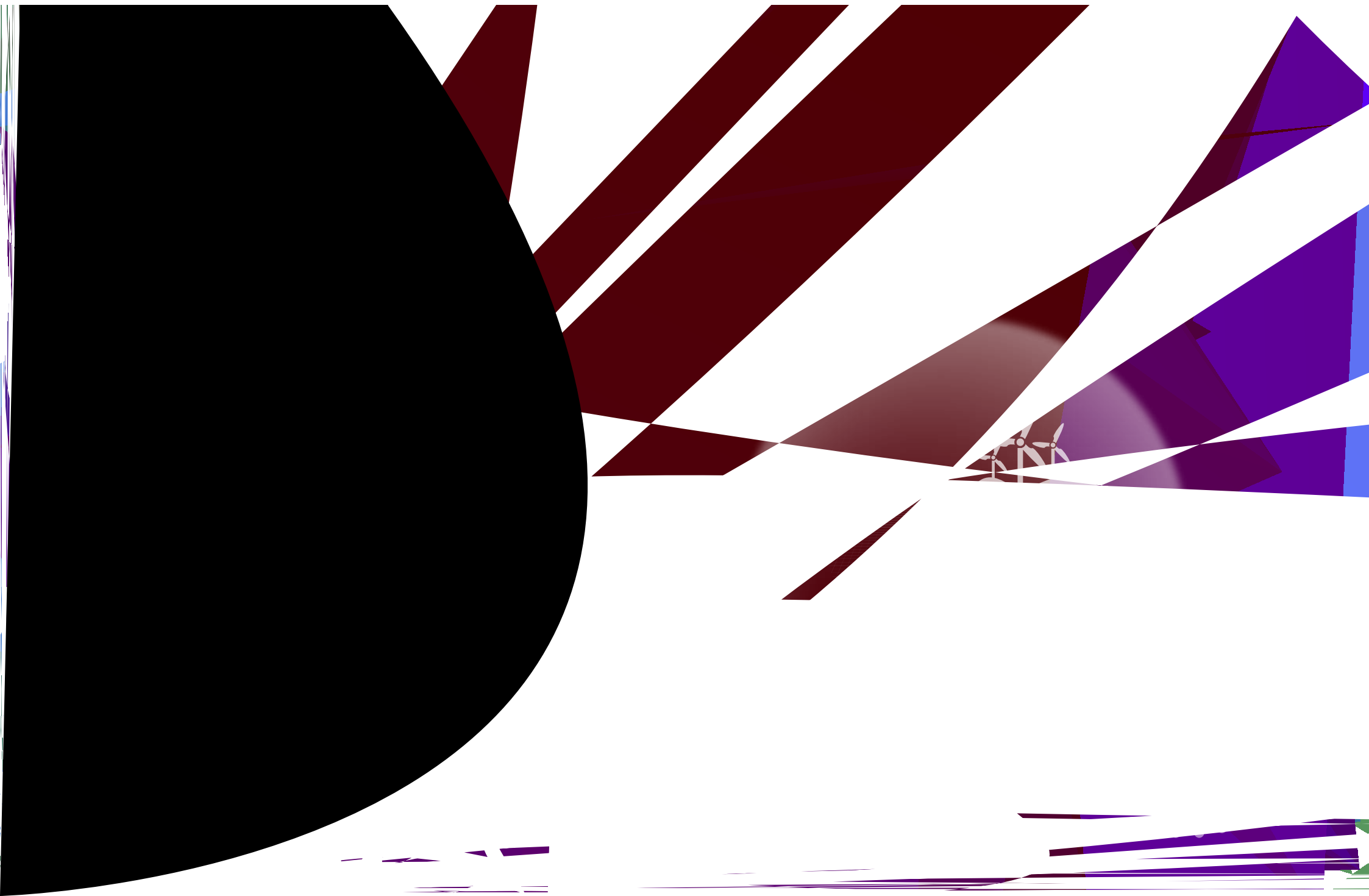


1.



1







SDGs		2021		2021	2021		2022	2026
								



14001 ISO 50001 ISO 14064-1:2018 ~ " ISO

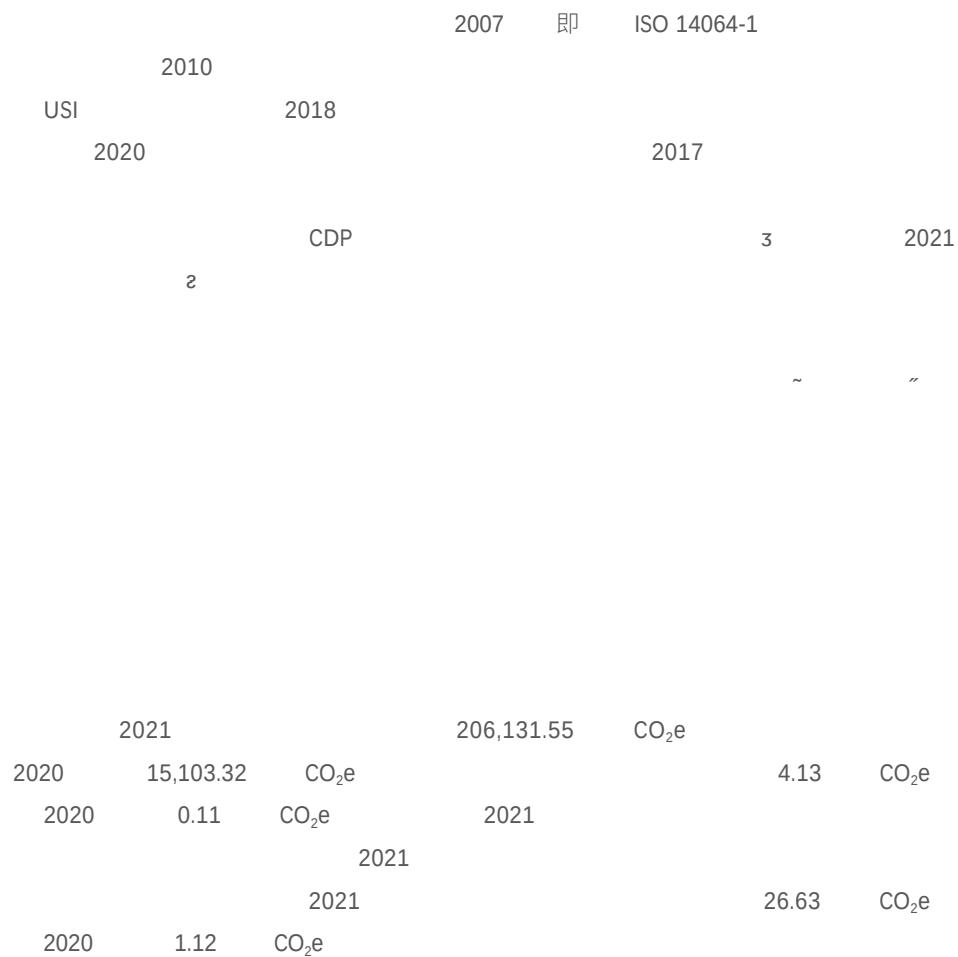
USI ~ " ~ "

https://www.usiglobal.com/files/images/csr/2021/Environment_Health/USI_EHS_En_Policy_CN.pdf
2021

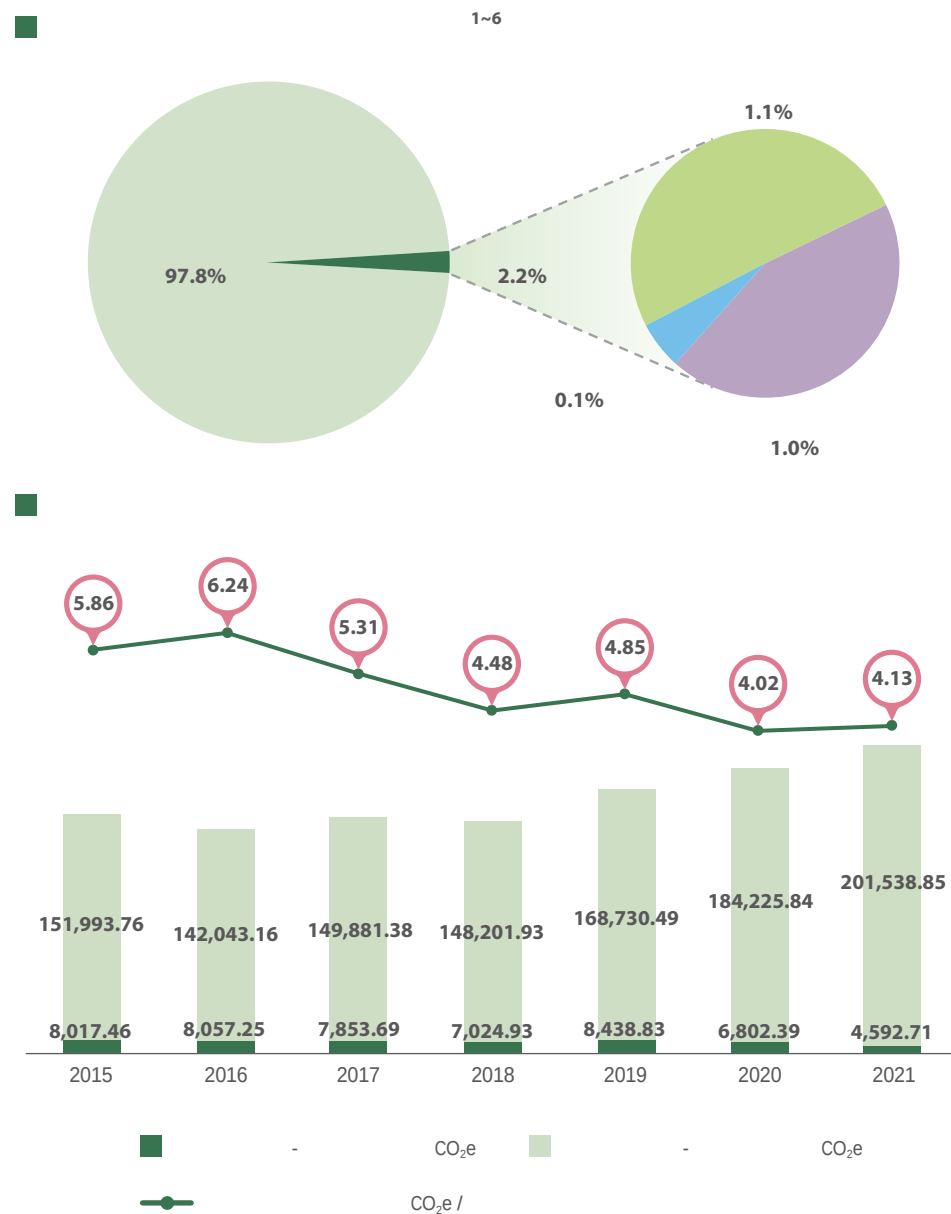
4

1

[illegible]



- A. TCFD



2018 2020 2021

7

CO₂e

		103,140.41
		48,016.13
		44,545.17
		10,364.53
		214.58
		12,877,738.29
		12,843,600.91
		30,571.58
		1,230.79
		2,335.01
		12,980,878.70

1. ISO 14064-1:2018

2.

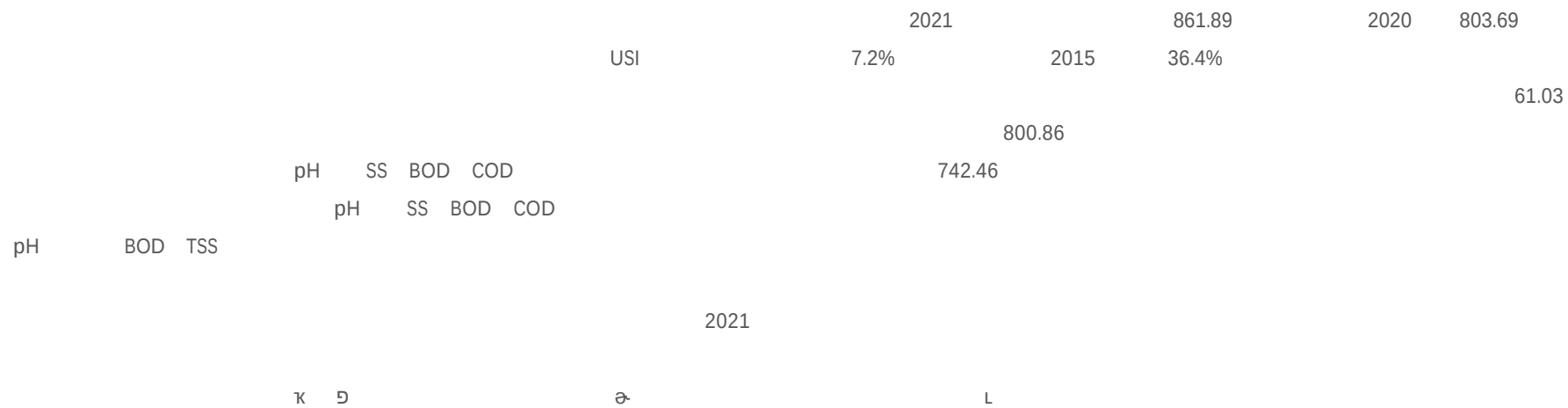
3. 3% 5%

4. CO₂ CH₄ N₂O HFCs PFCs NF₃ SF₆

5. Global Warming Potential, GWP IPCC 2013

6. 2020

7. ISO 14064-1:2018





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”

2021

80%

9,733.33

8,318.25

85.5%





■ 2021

1~2

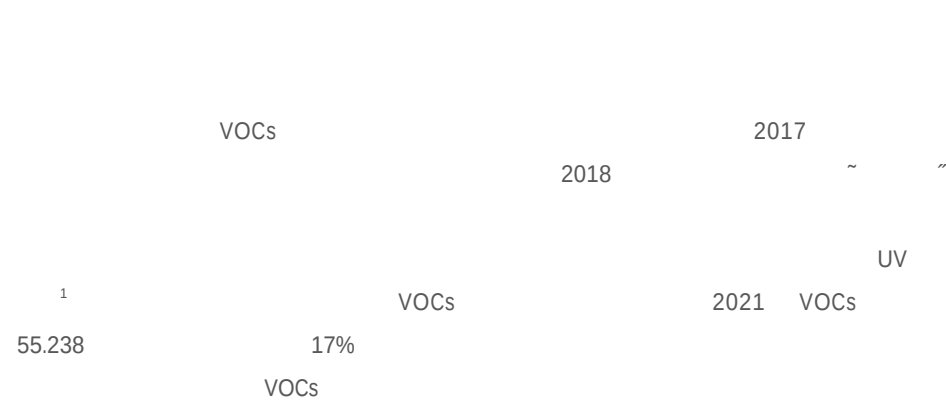
		0.000	0.000	3.120	674.952	0.000	368.567	0.643	36.961	378.239	0.000
		0.000	0.000	0.132	239.302	0.000	180.000	0.000	26.125	91.109	0.000
		0.000	542.861	74.685	1,284.866	0.000	82.620	0.000	84.553	51.770	0.000
		0.000	0.000	121.000	1,779.925	0.000	164.785	0.000	44.495	52.562	0.000
		0.000	741.933	0.000	156.904	0.000	66.960	0.000	0.000	156.255	181.940
		0.000	0.000	0.000	532.672	0.000	67.230	0.000	0.000	8.835	155.908
		0.000	0.000	3.849	1,073.666	0.000	158.220	0.000	120.648	25.034	0.000
		1,284.794		5,945.073		1,088.382		313.425		1,101.652	

1.

2.

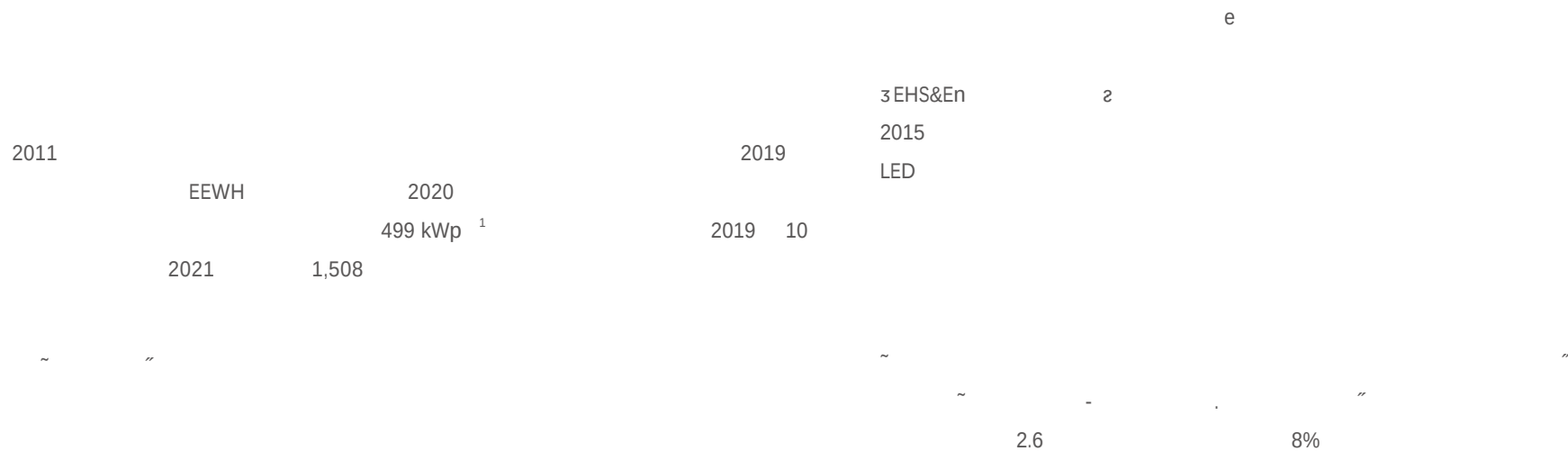
/

USI



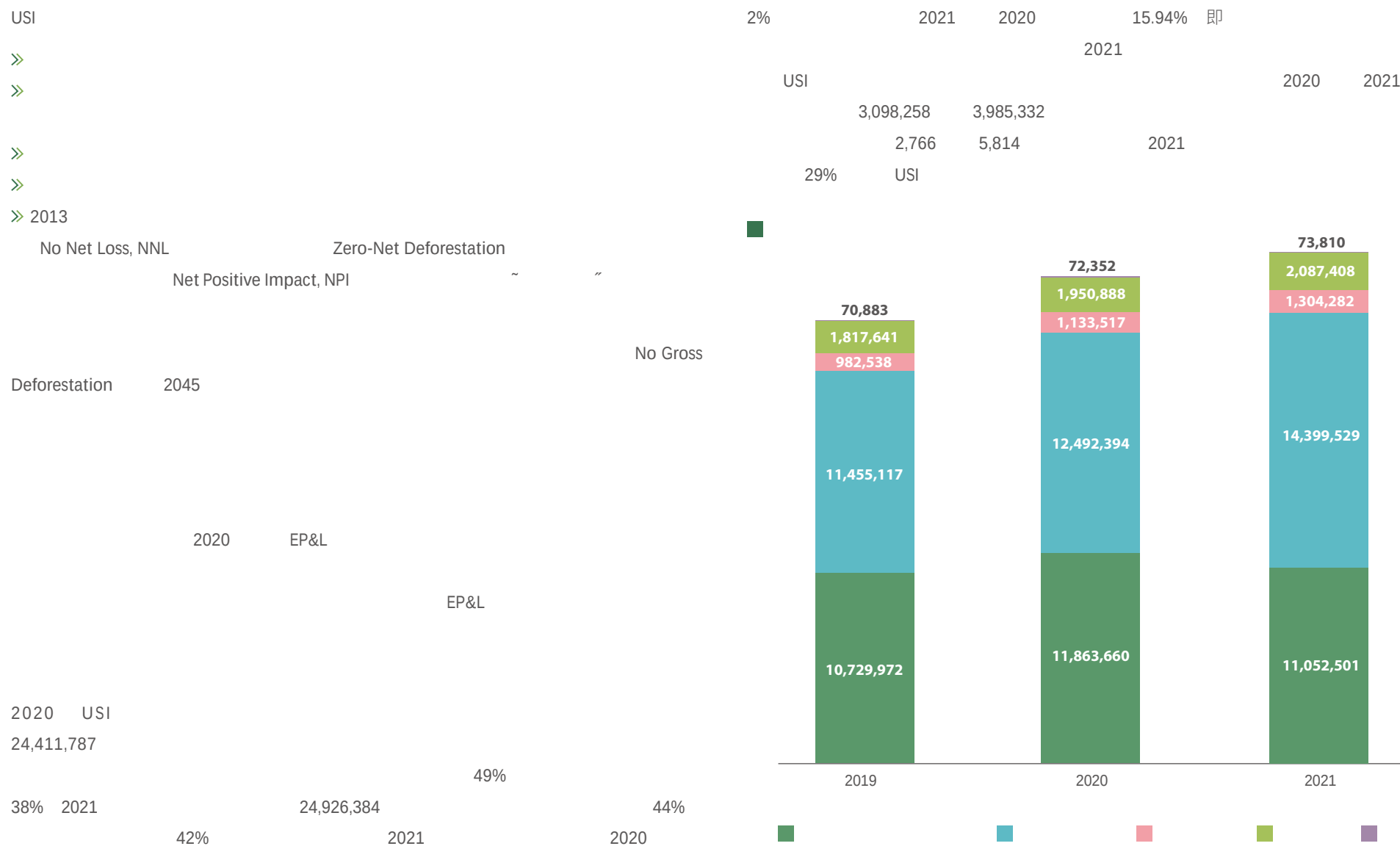
2019						
2021						
3-6						
VOCs	4.485	1.481	1.227	0.991	23.397	23.656
NO _x	1.148	0.589	N/A	N/A	N/A	N/A

1. UV
- 2.
3. VOCs



1. kWp ~ "

1 kWp 1 kWh





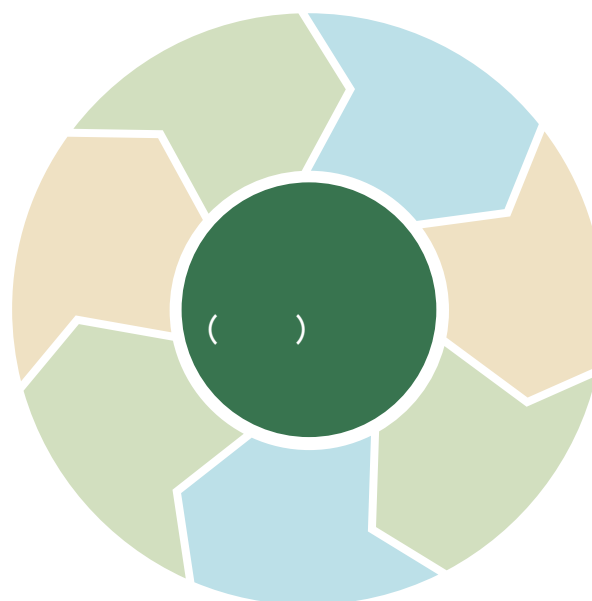
2021
1.59
/ ISO 45001
45001
ISO
1 Coverage Rate=100%

2021

	2016

1.

3,936





2021 40

2021

USI

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即

Management, SAICM

UN Strategic Approach to International Chemicals
2030

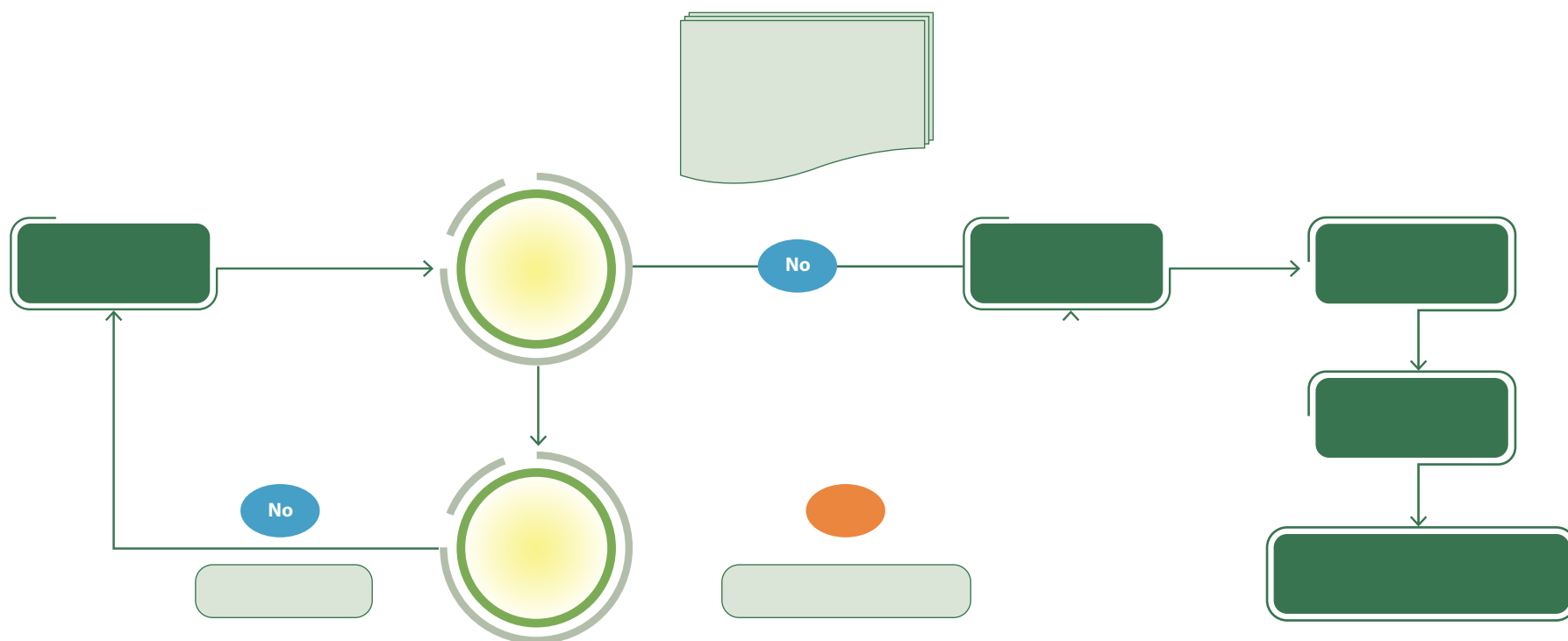
3

2

1

	2018	2019	2020	2021
	598	330	376	747
	142	53	108	121
	1	5	11	47

1.





410 50,851 57,776

2021

	2018	2019	2020	2021
		183	207	410
	21,687	32,443	56,285	50,851
	41,686	21,942	48,411	57,776

13 2021 32 7 4

8







2018 2019 2020

1

2021



	2018	2019	2020	2021
	1,312,732	4,868,030	3,766,409	3,157,842
	0	1	1	0
	0.00	0.21	0.27	0.00
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	8	24	0
	0.00	1.64	6.37	0.00

~ "

2021

18,519

9,558



Newsletter

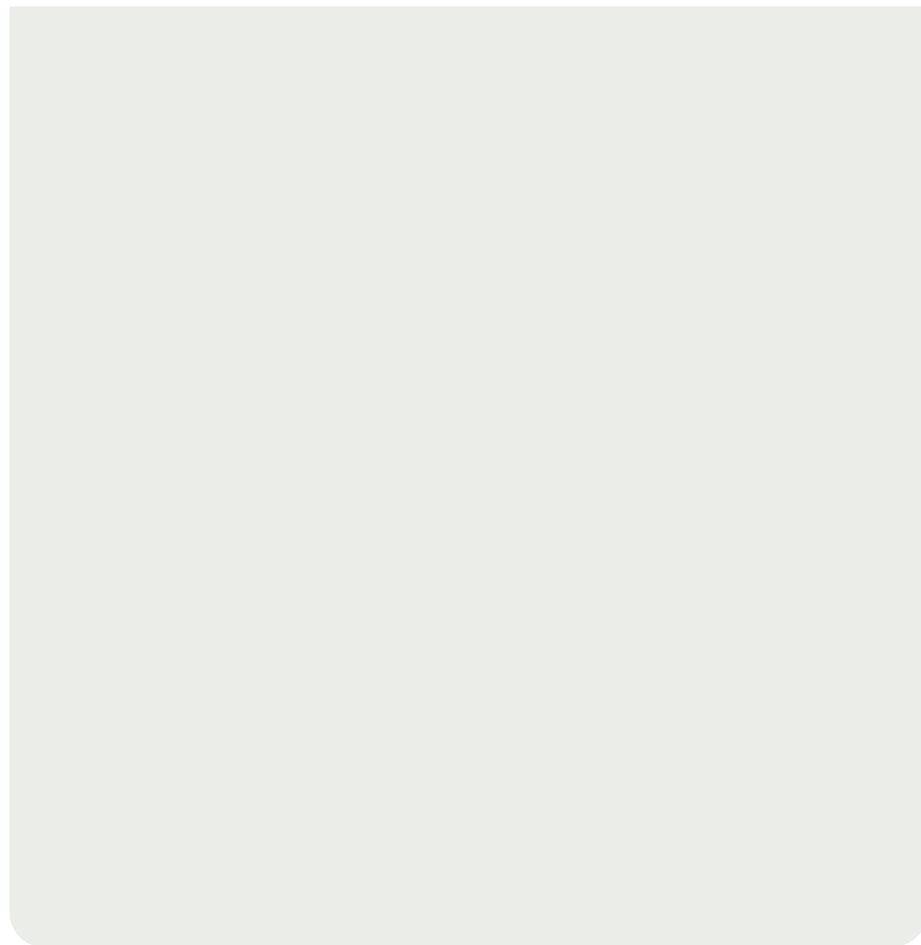
1. ~ 2019 43 ~ ~ 2020 111 ~
2. ~ ~ ~ ~ ~

Employee Assistance Program, EAP



Ł

2021





96%



100%



84%



97%


133



SDGs		2021		2021	2021		2022	2026
								

SAQ

RBA VAP

<https://www.usiglobal.com/cn/csr/>

Inclusive-Workplace/Human-Rights

		1. SAQ & VAP 2.

PDCA

RBA

SAQ ¹

VAP ²

RBA

1. SAQ, Self-Assessment Questionnaire

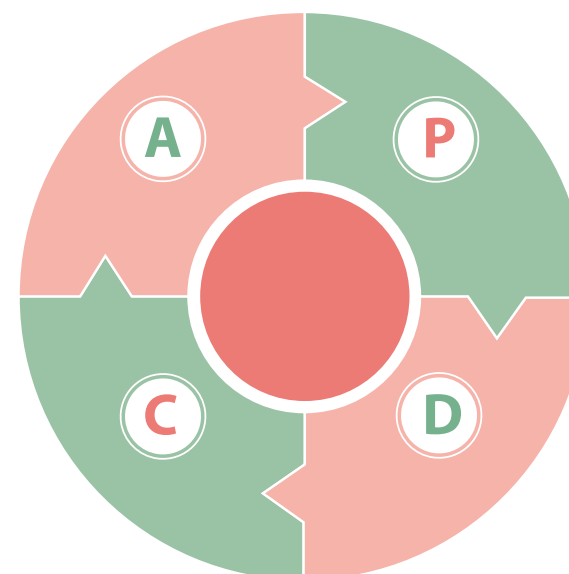
65

2. VAP, Validated Audit Process

85

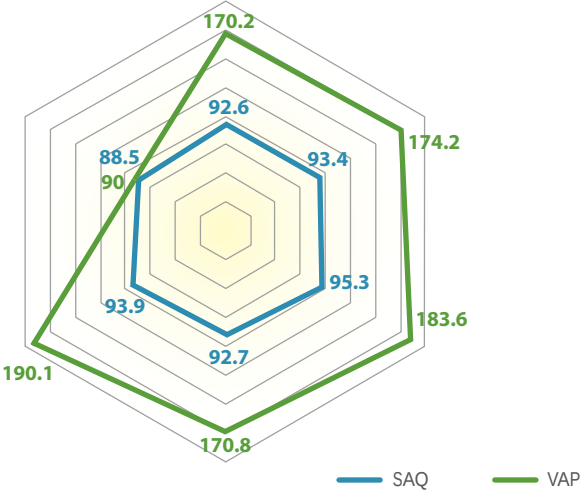
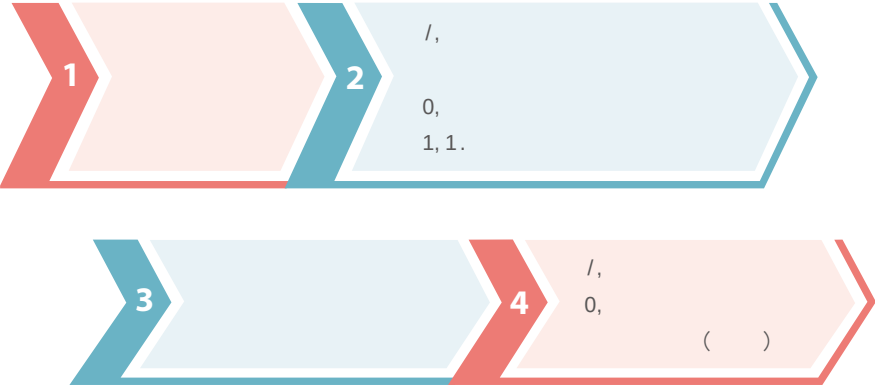
65~85

RBA



RBA

RBA



2021

SAQ

VAP

85

- 1.
 - 2.
 - 3.
 - 4.
- 1
- 2
- 3

1 ²		
2 ³		
3 ⁴		



2021

RBA VAP

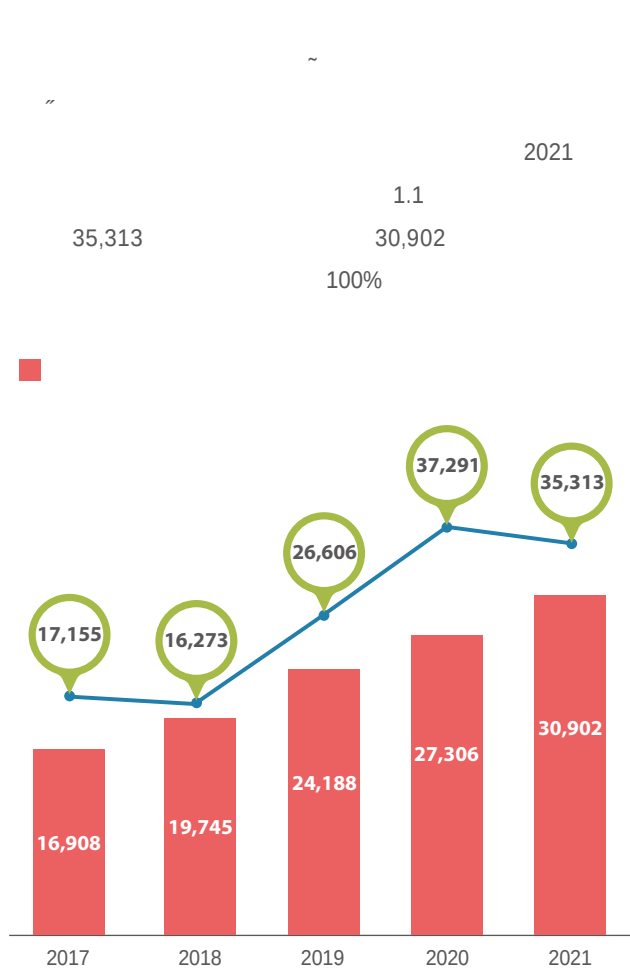
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COVID-19

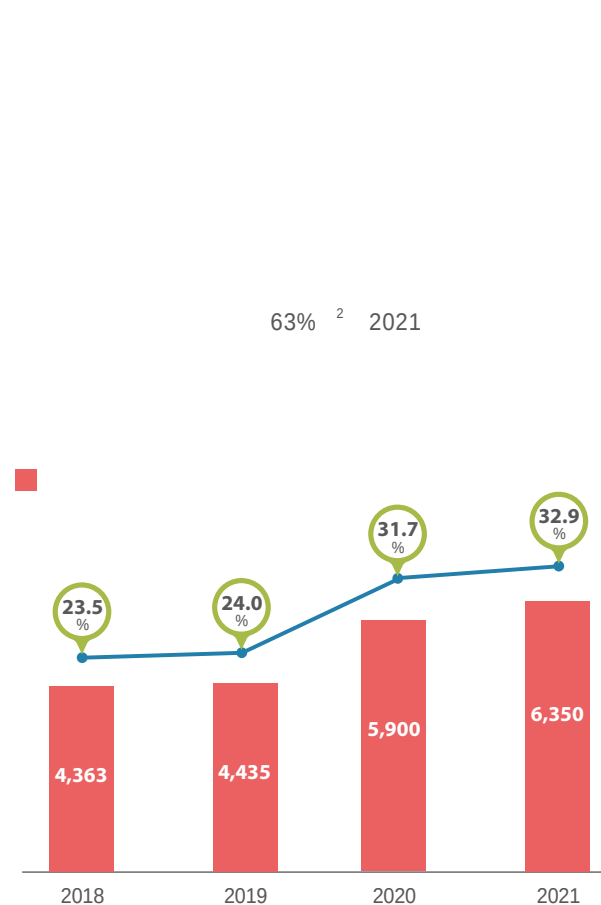
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	▶	▶ ~ "
	▶	▶
	▶	▶ ~ "
	▶	
	▶	
	▶	▶
	▶	
	▶	



1.
2.



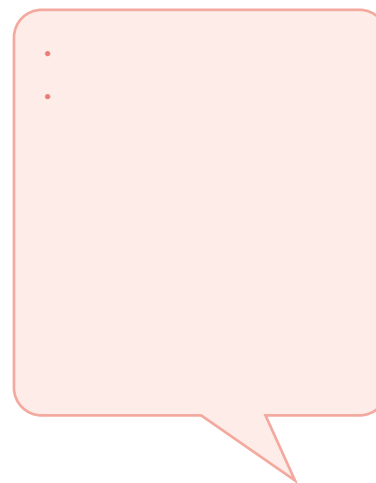


2021 COVID-19

46 22 18 30 116

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2021 10 1 1 1



100%

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HR

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2021

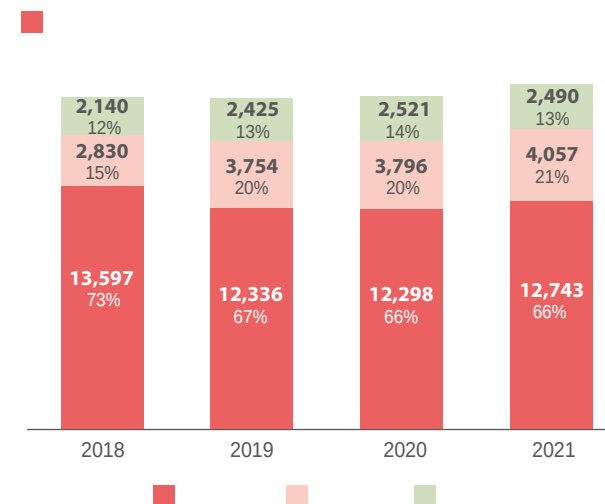
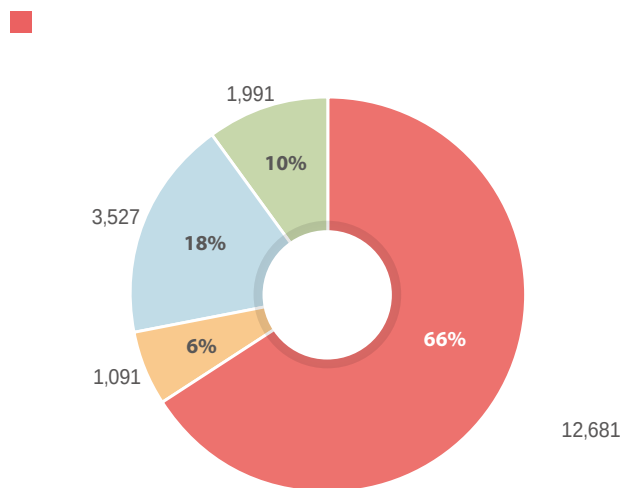
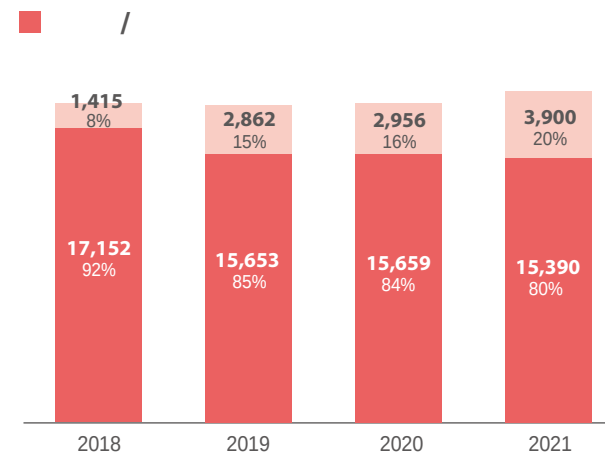
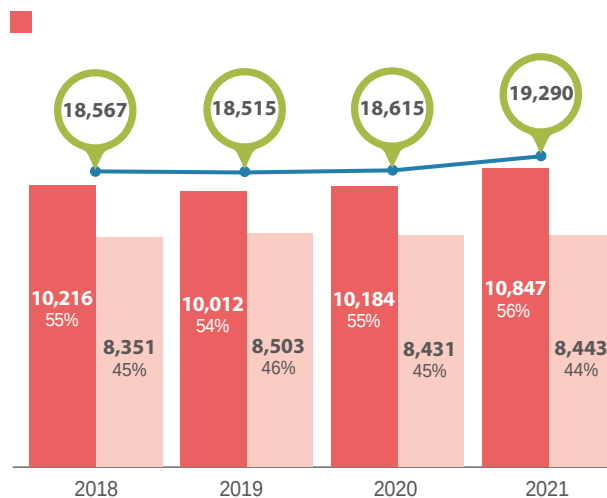
100%

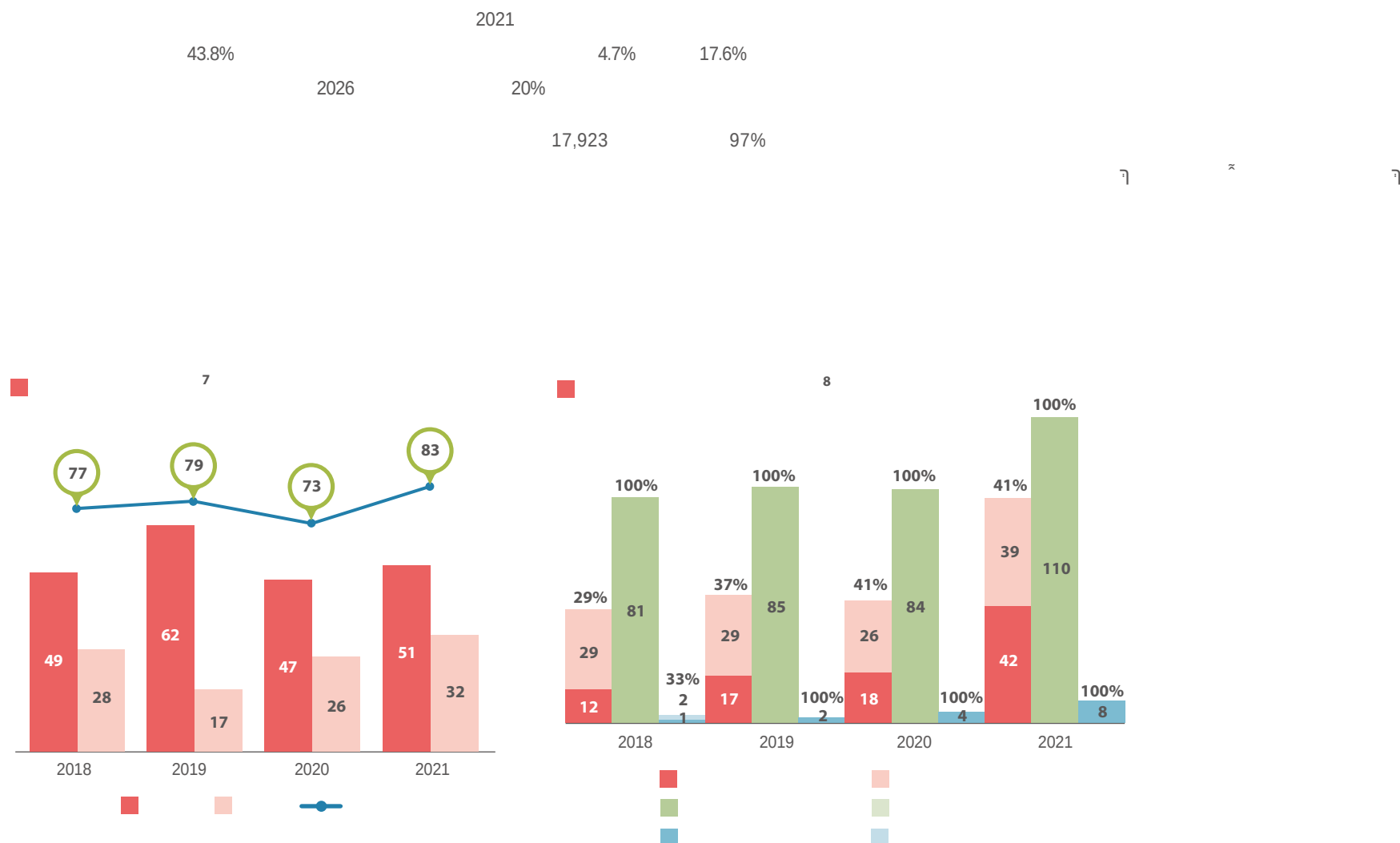
			HR		
	167	533	2	0	702
	167	533	2	0	702





2021
19,290
15,390
3,900
1,991
12,681
613
12,743
2,490
- A.
~
4,057
18,677
3,527
1,091







2021 17,923

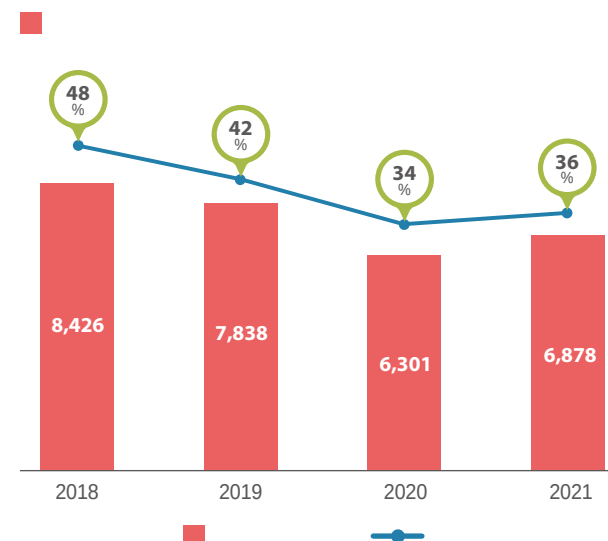
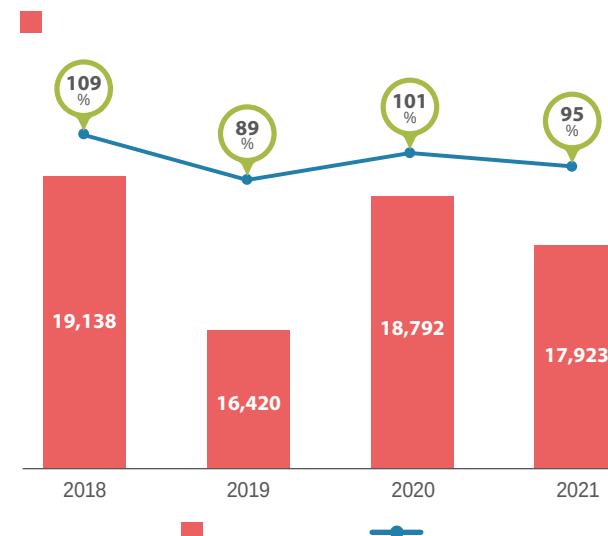
369

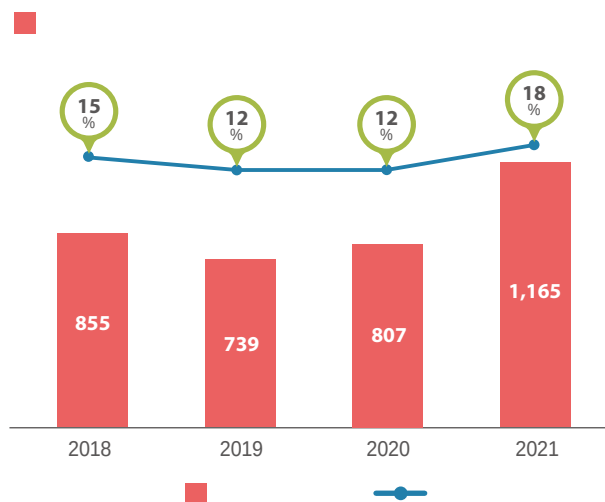
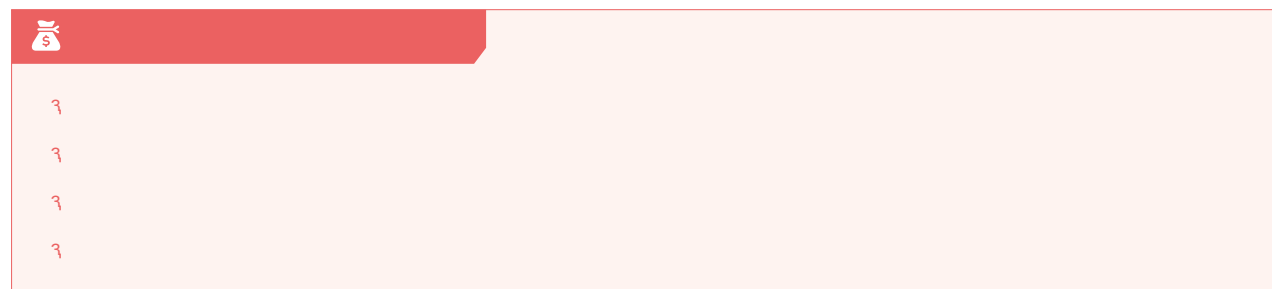
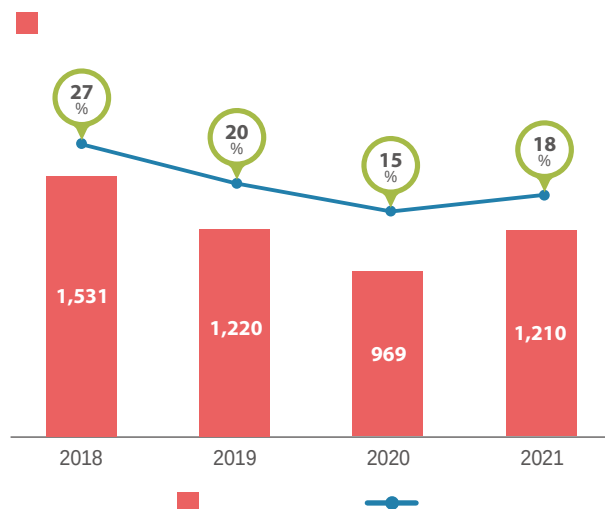
90 4,040 23%

2021 95% 1 13%

36% 2 18%

46% ~ - B. "





- 1.
 - 2.
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1							
		1.00	1.00	1.02	1.05	1.08	1.03
	2	0.75	1.12	0.80	0.96	0.82	0.63
		0.62	1.22	0.84	0.98	0.73	0.61
		1.04	0.98	0.91	1.02	0.83	0.79
		1.04	1.00	0.95	1.00	0.79	0.79
		0.71	1.05	0.76	0.87	0.89	0.98
		0.67	1.13	0.77	0.83	0.87	0.98
		0.95	0.93	1.02	0.98	1.01	1.18
		0.95	0.92	1.02	0.97	1.03	1.14

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3 2

COVID-19

Microsoft 365

63% 60

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1. 3 7 10 5 14 10 15 1 15 6
2. 2 12 2 10 即 4
3. 7 ~ 7 30 即



	236	95,861
	180	145,200
	7,884	3,188,638
	172	38,947
	226	62,061
	3	16,956
	8,701	3,547,663

	28,584	9,412,301
	11,974	3,895,416
	382	444,070
	5,049	2,760,919
	22	29,092
	2,300	216,512
	48,311	16,758,310

2021

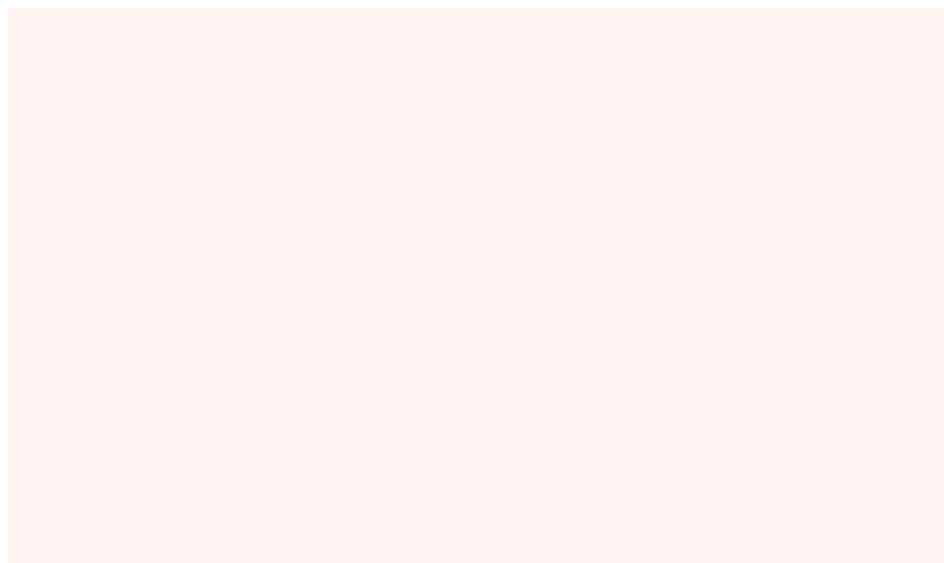
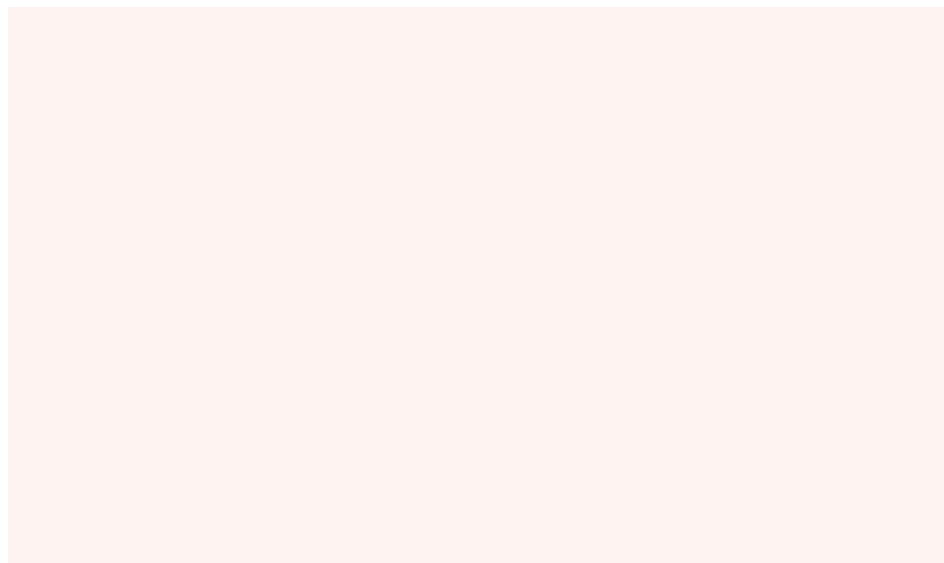
100%

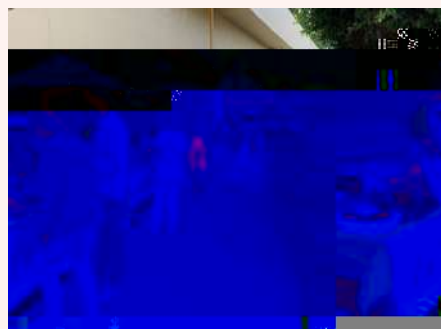


	2017	2018	2019	2020	2021		
1	77	149	219	298	197	83	280
	9	8	16	23	4	30	34
	9	8	15	14	4	21	25
	8	3	11	14	1	16	17
	5	8	3	11	5	9	14
	5	8	3	11	3	8	11
2	89%	38%	73%	100%	25%	76%	68%
3	100%	100%	100%	100%	60%	89%	79%

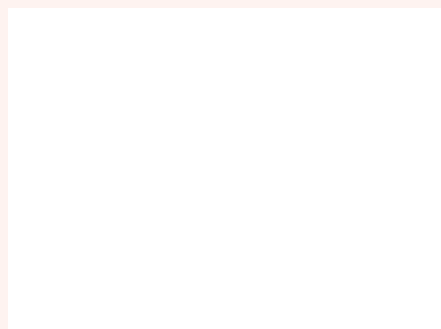
1. 2016-2021 ~ ~ ~ ~ 20 2021
 2. ô Ô 100%
 3. ô Ô 100%







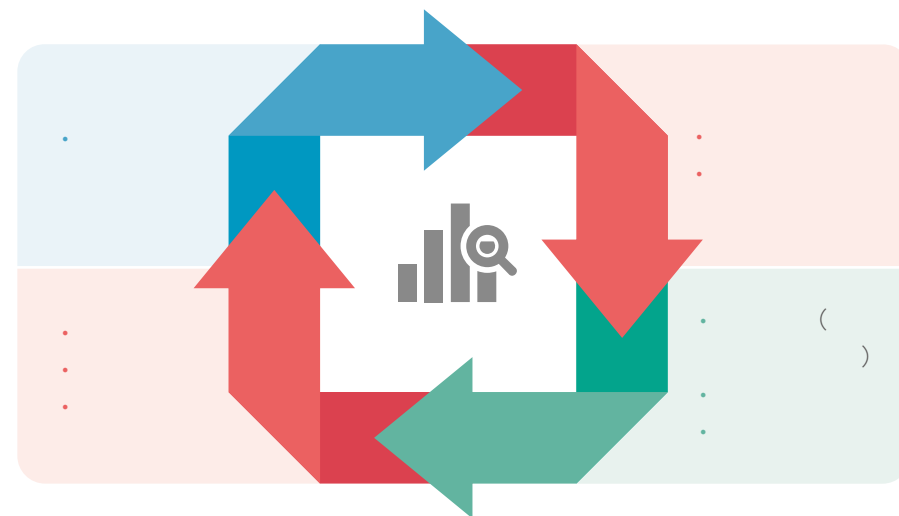
DIY



U

2021

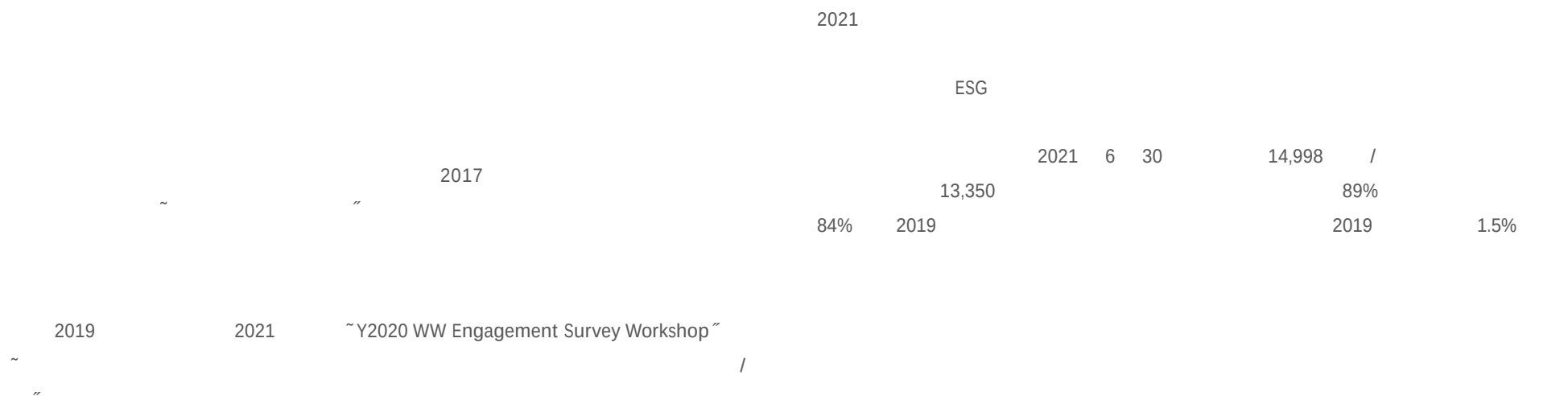
6,225



1~2

		828	828	100%	828	794	95.89%
		2,695	2,695	100%	2,695	2,695	100.00%
		605	605	100%	605	605	100.00%
		3,707	3,707	100%	3,707	3,707	100.00%
		7,835	7,835	100%	7,835	7,801	99.57%
		245	245	100%	245	244	99.59%
		619	619	100%	619	619	100.00%
		1,233	1,233	100%	1,233	1,233	100.00%
		4,887	4,887	100%	4,887	4,887	100.00%
		6,984	6,984	100%	6,984	6,983	99.99%
		14,819	14,819	100%	14,819	14,784	99.76%

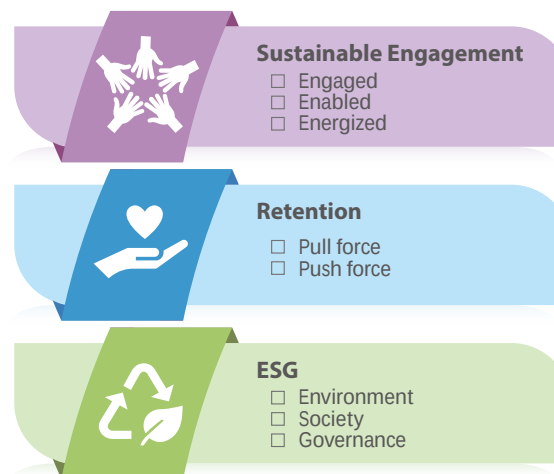
- 1.
- 2.



Employee Experience

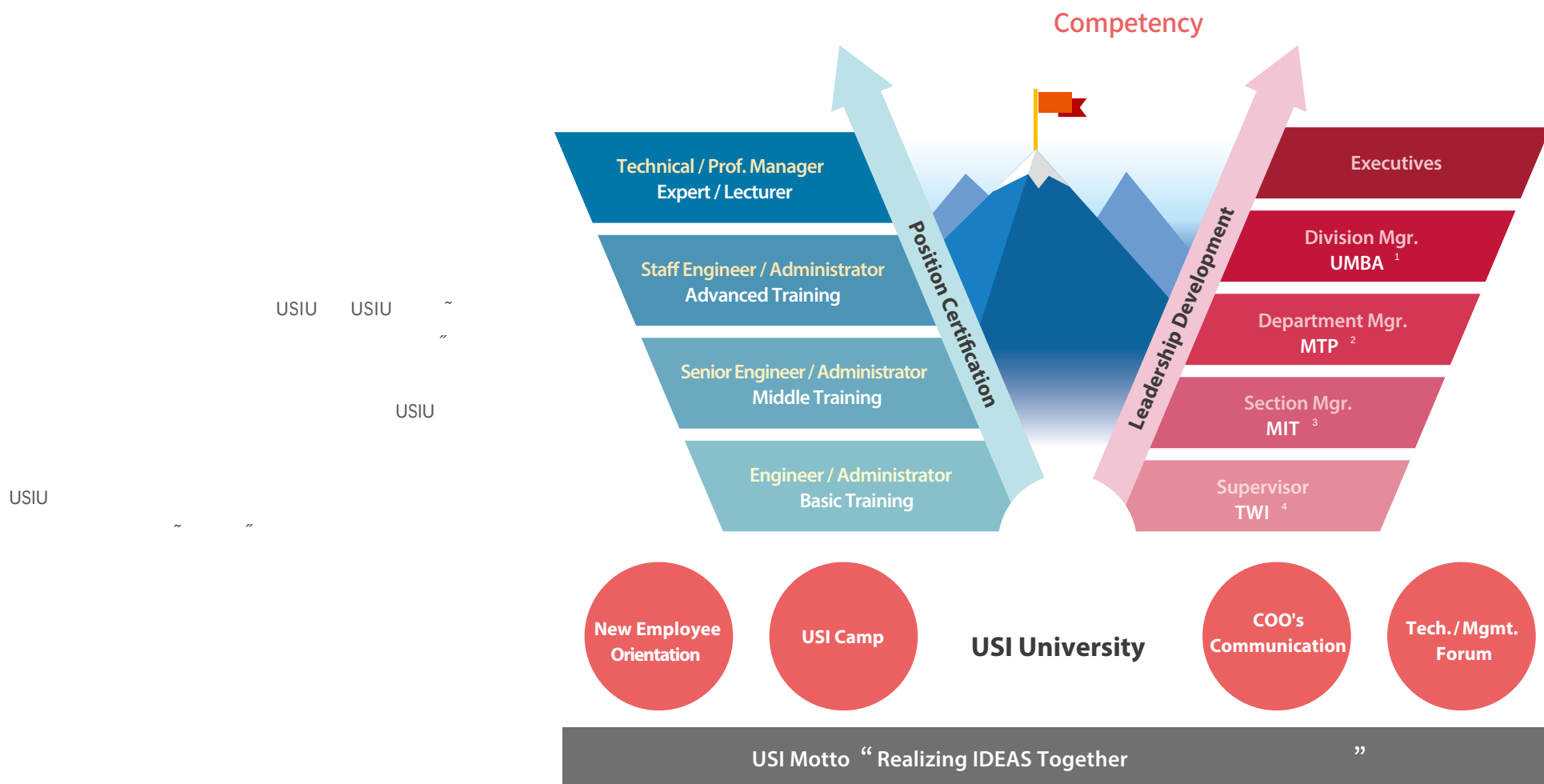


Sustainability Indexes



Engagement Behavior





1. UMBA, USI Master of Business Administration

2. MTP, Manager Training Program

3. MIT, Manager Initial Training

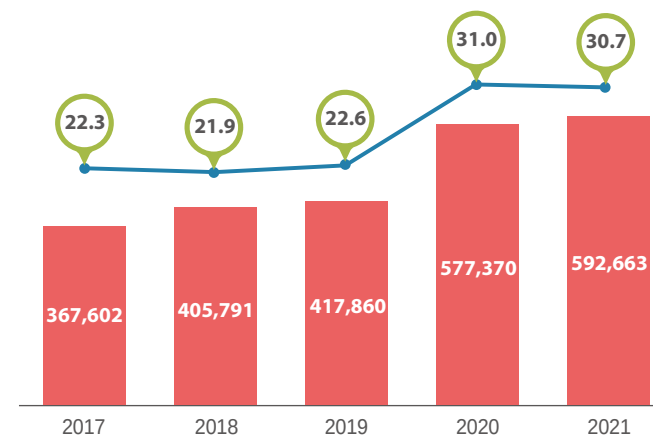
4. TWI, Training Within Industry for Supervisors /



2021 592,663

¹ 30.7

	2021	
	377,789	34.8
	214,874	25.4
	28,306	25.9
	98,497	27.9
	42,023	21.1
	423,837	33.4
	288,203	16.1
	592,663	30.7



1. / ô /



2.89

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G.

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	17,486	34,664	35,313	18,713	12,418	8,166	7,881
	23,754	19,753	30,902	17,476	22,485	9,985	8,381
	0.7	1.8	1.1	1.1	0.6	0.8	0.9

2019

2021

3

4

2021

157

311

353

90

911

2018

133

/

2021

73

/

	16	37	2	15	3
	N/A				

2018

/

2021

14

411

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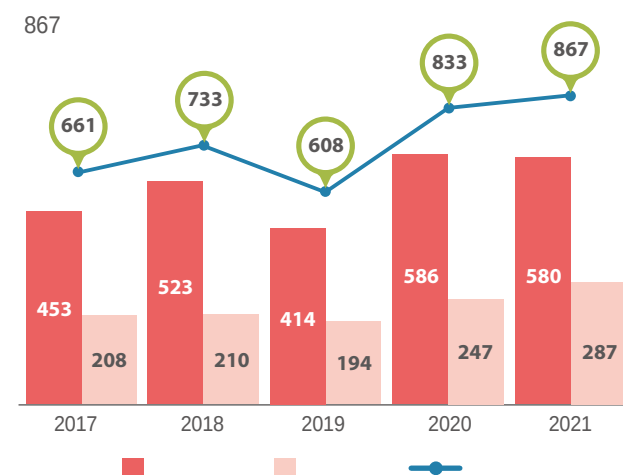
H.

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COVID-19

2021

e





VUCA

VUCA

Uncertainty

Complexity

Ambiguity

Volatility

Courage

VUCA 2.0
Adaptability 即

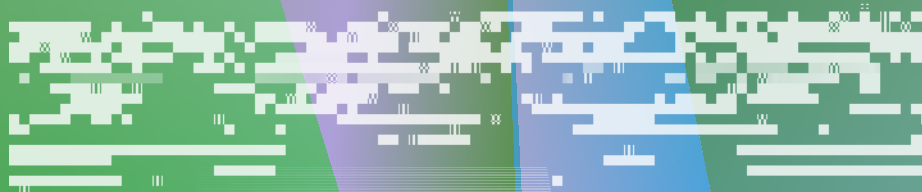
Vision

Understanding



Hackathon Hack Marathon
~
~
Everywhere ~ Microsoft 365 Anywhere for
Teams Microsoft
15
6
35% 25% 25%
15%





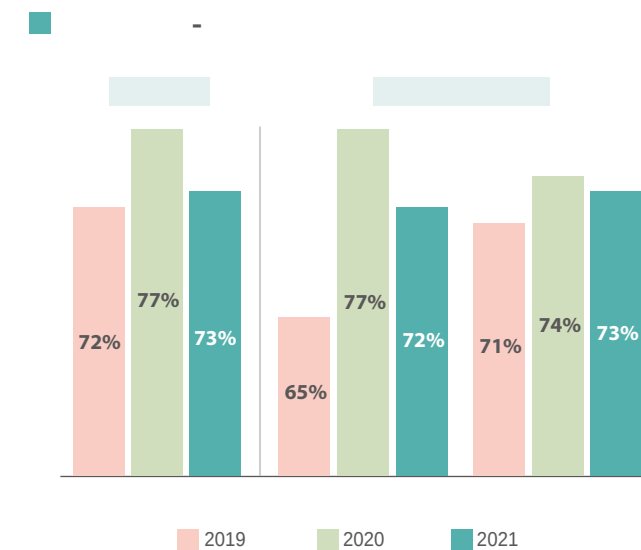
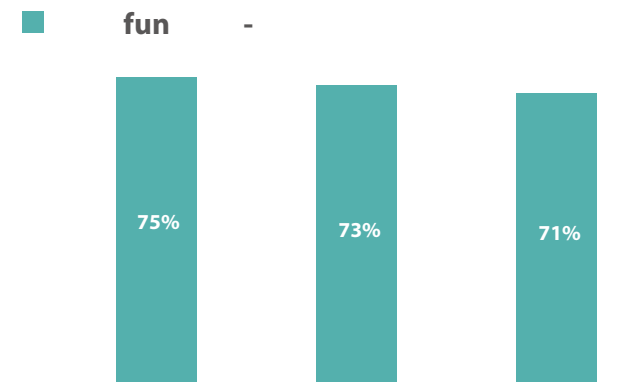
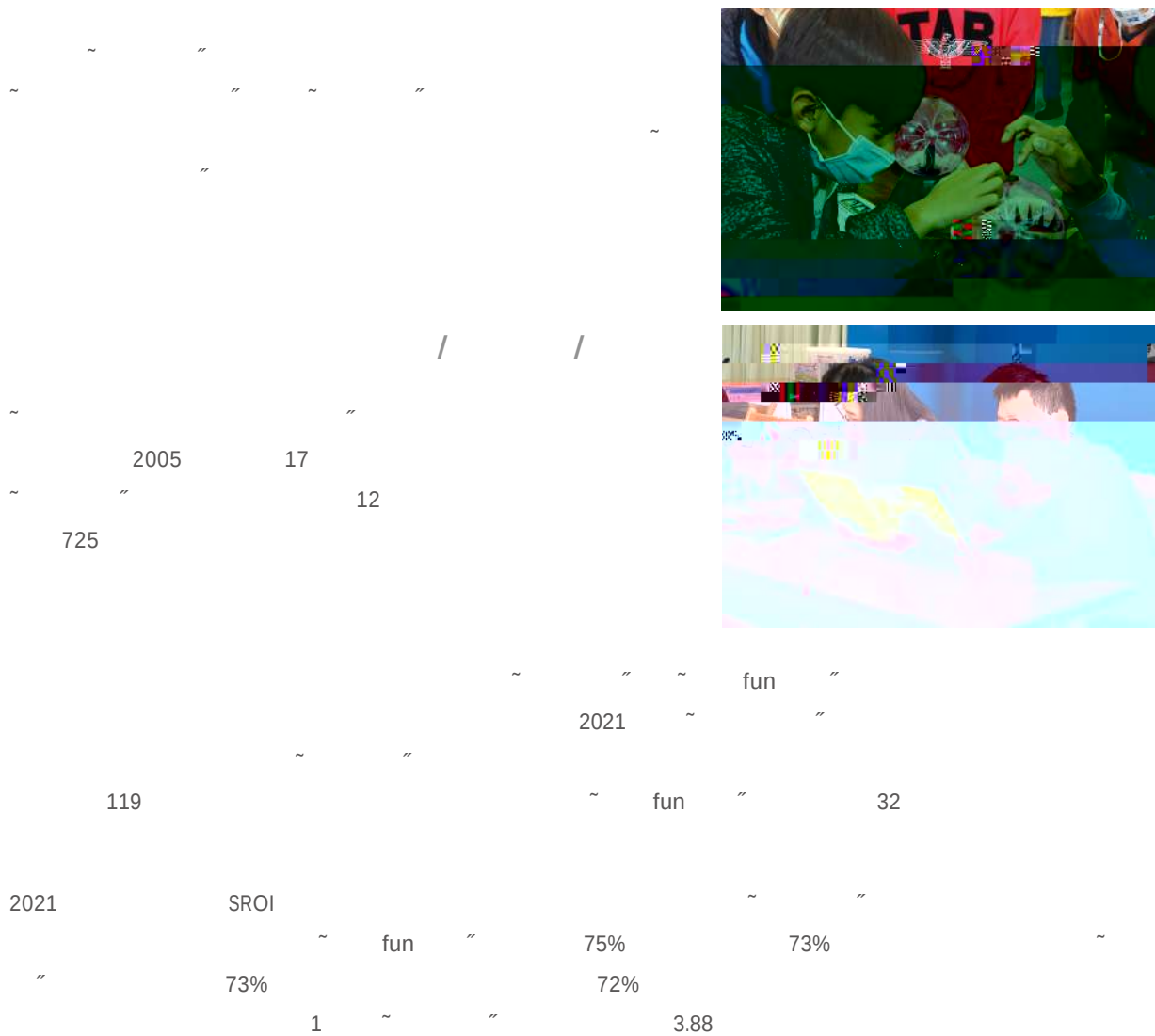


SDGs		2021		2021	2021		2022	2026
			▶ ▶ ▶ ▶	▶ 6 ▶ 2 ▶ 30 ▶ 30	▶ 3 ▶ 3 ▶ 56 ▶ 19		▶ 6 ▶ 2 ▶ 60 ▶ 30	▶ 6 ▶ 2 ▶ 150 ▶ 40
								



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SDGs			/
			





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2021 39

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2021

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SDGs

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2021

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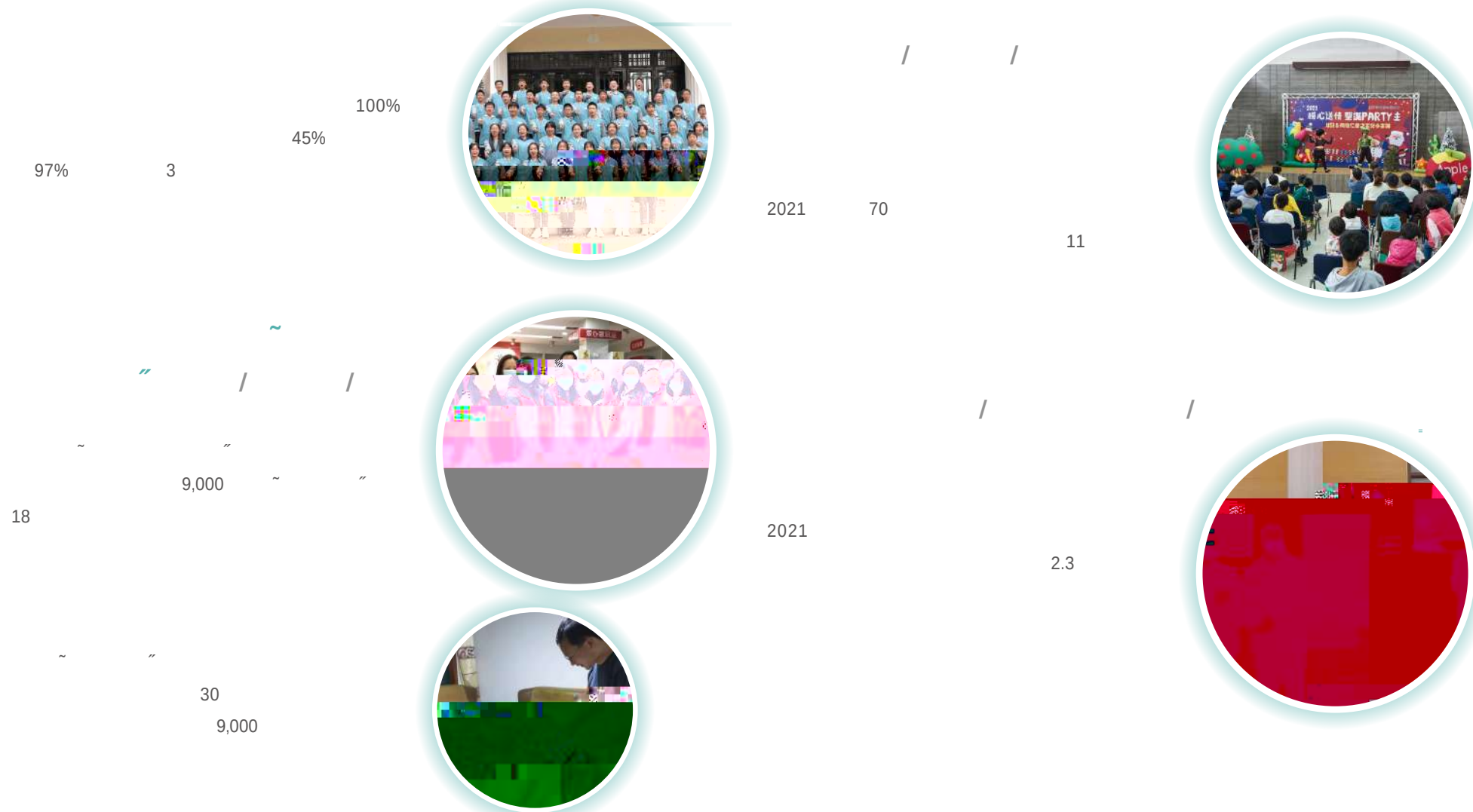
100

10

40

2018

2022





SDGs 13 / 15

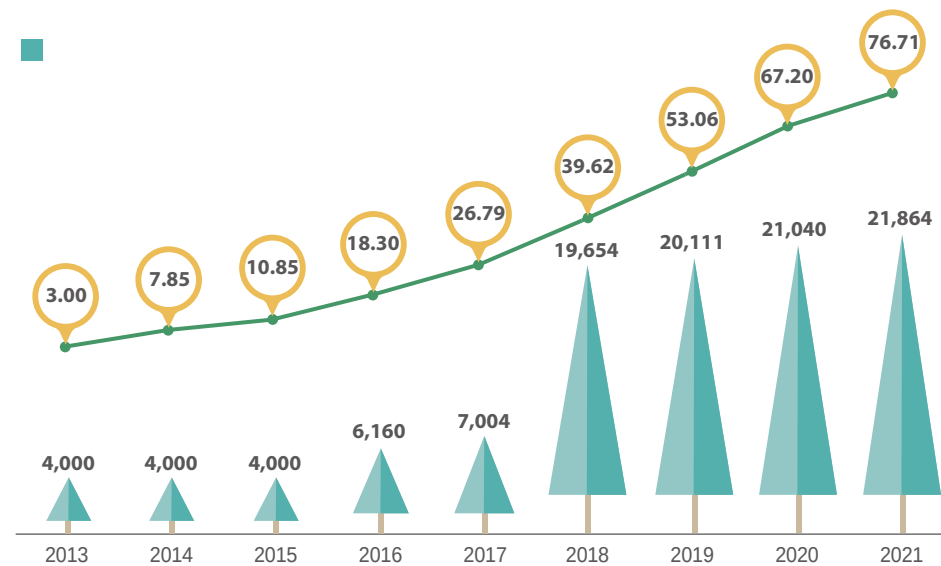
2021 107,833

16,416 CO₂ 76.71

~US\$ 2016

2021 21,864

7,864 12%





/ /

2015

2021

85

2,705

335.2

£



/ /



2021

51.9



2005

23



2021

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2021

42





1						



ESG



1		2018	2019	2020	2021
USI	%	87.2	82.7	79.6	80.3
	%	100	100	100	100
	%	0	10	21	31
	%	10	0	0	0
2~3		2018	2019	2020	2021
	CO ₂ e	7,024.93	8,438.84	6,802.39	4,592.71
	CO ₂ e	148,201.93	168,730.49	184,225.84	201,538.85
~	CO ₂ e	115.48	22,623.67	16,722,053.37	12,980,878.70
		2018	2019	2020	2021
		581.537	681.848	803.690	861.887
		142.813	155.058	179.145	236.972
	%	24.6	22.7	22.3	27.5

1. 2020
2. 2018 ~ 2019
3. 2020 ~ 2021 ISO 14064-1:2018



		2018	2019	2020	2021
		537.915	696.641	783.065	967.233
		7,239.187	7,813.671	7,805.962	8,766.093
		6,940.740	7,067.916	7,079.345	8,115.463
	%	95.88	90.46	90.69	92.58
		2018	2019	2020	2021
	CNY	20,729,687	23,179,611	28,131,112	25,989,443
	CNY	12,589,868	11,428,159	15,177,012	12,176,028
	CNY	425,092	516,463	854,709	1,058,487
	CNY	7,583,392	10,806,289	11,880,177	12,464,402
	CNY	131,335	428,700	219,214	290,527

		2018	2019	2020	2021
		18,567	18,515	18,615	19,290
		10,216	10,012	10,184	10,847
		8,351	8,503	8,431	8,443
	%	45.0	45.9	45.3	43.8



		2018	2019	2020	2021
		125	133	132	199
		14	17	17	35
	%	11.2	12.8	12.9	17.6
		984	1,042	1,082	1,091
		232	244	255	247
	%	23.6	23.4	23.6	22.6
		767	1,086	868	922
		275	379	310	319
		77	79	73	83
		29.8	30.6	32.8	31.4
		3.7	4.1	5.2	4.5
	%	48	42	34	36
	-	1.00~1.18	1.00~1.13	1.00~1.10	1.00~1.08
1	%	-	77	-	84
	%	38	73	100	68
	%	100	100	100	79
		2018	2019	2020	2021
		733	608	833	867
		210	194	247	287
	M CNY	1.85	7.29	4.21	28.94

1. 2019



		2018	2019	2020	2021
	CNY	5,403,647	6,269,375	5,970,377	3,826,752
	CNY	1,171,332	1,521,946	1,259,165	1,713,707
	CNY	1,824,782	2,175,354	2,769,476	489,454
	CNY	468,224	468,147	433,558	451,281
	CNY	492,580	1,053,759	1,087,534	829,772
	CNY	1,446,729	1,050,169	420,645	342,538
		504	536	1,412	314
		3,525	3,633	1,674	1,717
		2018	2019	2020	2021
		19,654	20,111	21,040	21,864
		14,000	14,000	14,000	14,000
		5,654	6,111	7,040	7,864
		12.83	13.44	14.14	9.51
		44,818	64,929	85,969	107,833
		39.62	53.06	67.20	76.71
		1,283.96	486.30	49.00	335.2
		21,462	1,395	3,653	2,705
		2018	2019	2020	2021
		5	6	6	5
		791	964	1,001	1,050
	K CNY	904	685	1,362	216



		2018	2019	2020	2021
		605	645	685	725
		106	136	100	119
		41	93	754	1,415
		2018	2019	2020	2021
	%	22	18	37	39
	%	30	25	19	12
	%	43	42	30	29
	%	16	14	38	43
		2018	2019	2020	2021
		382	515	576	419
	%	71	70	70	73
/		75	80	76	83
		2018	2019	2020	2021
		287	222	120	276
		2018	2019	2020	2021
		379	352	359	416
	%	100	100	100	100



		2018	2019	2020	2021
	K CNY	33,550,275.0	37,204,188.4	47,696,228.2	55,299,654.8
1	K CNY	398,032.3	352,271.7	397,576.8	618,989.5
		2018	2019	2020	2021
	%	6.2	6.8	6.7	9.4
	M CNY	1,312	1,373	1,576	1,641
	%	3.91	3.69	3.31	2.97
		589	628	660	696
		2018	2019	2020	2021
		356	275	319	304
	K CNY	83,576	92,628	76,951	78,756
		2018	2019	2020	2021
	%	98.5	99.0	99.0	99.5
	%	82	83	84	84



		9
		3
	%	33.3
		5
		1
	%	20.0
		5
		3
	%	60.0

		5
		3
	%	60.0
		5
		3
	%	60.0
		3
		1
	%	33.3



A. TCFD

“	”	~ USI ”							
“	”	USI ” ~ ”							
“	TCFD ”								
“	TCFD ”								
“	TCFD ”	International Energy Agency, IEA WEO 450 Scenario(2016) Determined Contribution, NDC Climate Change Knowledge Portal TCCIP Nationally RCP4.5 RCP8.5 2020-2040 USI RCP2.6							



“ TCFD ”	TCFD
“ TCFD ”	~ “ ~ “
“ ”	ERM
“ ”	
“ ~ ”	ISO 14064-1:2018 ~
“ ”	ISO 14064-1
“ TCFD ”	1. 2020 1.5% 2030 15% 2016 2.5% 2030 35% 2. 2035 100%

**B.**

		2017	2018	2019	2020	2021
-	CO ₂ e	11,623.10	12,879.25	22,165.63	26,056.90	26,617.41

C.

		2017	2018	2019	2020	2021
/		233.65	210.95	255.13	247.23	202.79
		186.54	326.97	441.52	535.83	764.44
		5.40	8.00	14.58	29.83	0.64
		0	0	0	0	0
		181.14	318.97	426.94	506.00	763.80

D.

		2017	2018	2019	2020	2021
/		5,062.92	6,729.85	7,072.29	7,079.35	8,115.46
		523.31	509.34	741.38	726.62	650.63
		366.26	284.00	352.32	353.46	312.78
		0	0	0	0	0
		157.05	225.34	389.06	373.16	337.85



	2017		2018		2019		2020		2021	
			†			‡				

114

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	30	1,640	18.3%	801	8.9%	1,574	17.6%	2,740	30.6%	1,049	11.7%	1,154	12.9%	8,958	46.4%
	30~50	1,890	19.8%	973	10.2%	1,826	19.1%	1,226	12.8%	2,549	26.7%	1,085	11.4%	9,549	49.5%
	50	23	2.9%	6	0.8%	33	4.2%	11	1.4%	459	58.6%	251	32.1%	783	4.1%
		-	0.0%	-	0.0%	-	0.0%	-	0.0%	11	100.0%	-	0.0%	11	0.1%
		88	7.2%	52	4.3%	27	2.2%	26	2.1%	1,012	83.2%	12	1.0%	1,217	6.3%

[illegible]



		2018	2019	2020	2021							
		4,623	4,537	2,697	1,107	517	507	1,257	3,388	254	448	4,090
	1~2	49%	45%	27%	48%	42%	32%	53%	45%	12%	45%	39%
		3,803	3,301	3,604	548	282	409	735	1,974	237	577	2,788
		48%	39%	43%	42%	38%	26%	53%	39%	13%	38%	33%
		49	45	54	19	20	3	4	46	17	30	93
		5%	4%	5%	10%	16%	2%	3%	7%	5%	23%	9%
		585	459	501	218	173	54	65	510	134	61	705
		18%	13%	14%	30%	34%	14%	16%	25%	10%	37%	20%
		221	235	252	54	29	68	49	200	86	81	367
		15%	13%	14%	20%	24%	19%	16%	19%	13%	44%	19%
		7,571	7,099	5,494	1,364	577	791	1,874	4,606	254	853	5,713
		64%	58%	45%	56%	47%	35%	64%	52%	16%	42%	46%
	30	6,669	6,023	4,467	1,028	510	574	1,741	3,853	197	564	4,614
		58%	53%	46%	58%	52%	43%	67%	57%	19%	47%	52%
	30~50	1,717	1,760	1,754	624	288	340	251	1,503	269	398	2,170
		31%	26%	21%	34%	29%	19%	22%	26%	11%	37%	23%
	50	40	55	80	3	1	2	0	6	25	63	94
		9%	10%	13%	13%	13%	6%	0%	9%	6%	27%	13%
		8,426	7,838	6,301	1,655	799	916	1,992	5,362	491	1,025	6,878
		48%	42%	34%	46%	40%	29%	53%	43%	13%	41%	36%
		855	739	807	291	222	125	118	756	237	172	1,165
		15%	12%	12%	24%	29%	14%	14%	20%	10%	36%	18%
		7,571	7,099	5,494	1,364	577	791	1,874	4,606	254	853	5,713
		64%	58%	45%	56%	47%	35%	64%	52%	16%	42%	46%
3		8,292	7,651	5,846	6,682							
		47%	41%	31%	35%							

1. 90 ÷ 100 = 90%
2. 90 ÷ 100 = 90%
3. 90 ÷ 100 = 90%



C.

	16,337	84.69%	954	87.44%
	429	2.22%	0	0.00%
	2,465	12.78%	133	12.19%
	1	0.01%	1	0.09%
	54	0.28%	0	0.00%
	1	0.01%	1	0.09%
	1	0.01%	1	0.09%
	1	0.01%	1	0.09%
	1	0.01%	0	0.00%
	19,290		1,091	

D.

1~2

	132		38
	89		31
	89		15
	70		13
	48		11

E.

&

		2018	2019	2020	2021
³	-	1.6	1.5	1.6	1.5
HC ROI					
⁴	CNY	79,509	77,275	106,306	112,854

F.

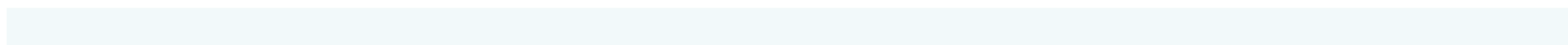
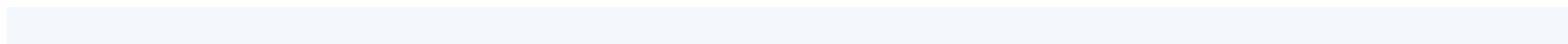
/

	17	23
	29	40
	11	12
	14	16
	10	11
	13	15
	4	4
	5	5

1. 591 3.1% 8 0.7%
2. 55 19 10
3. 0 - - +
4. 0 + 0.2



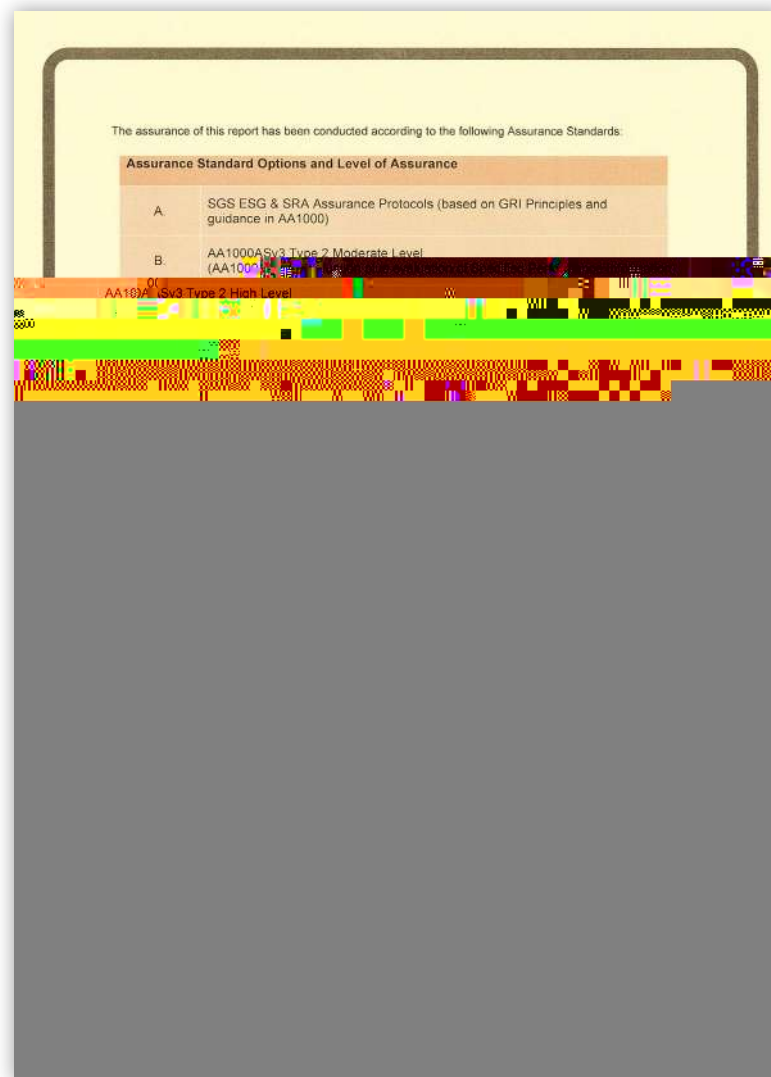
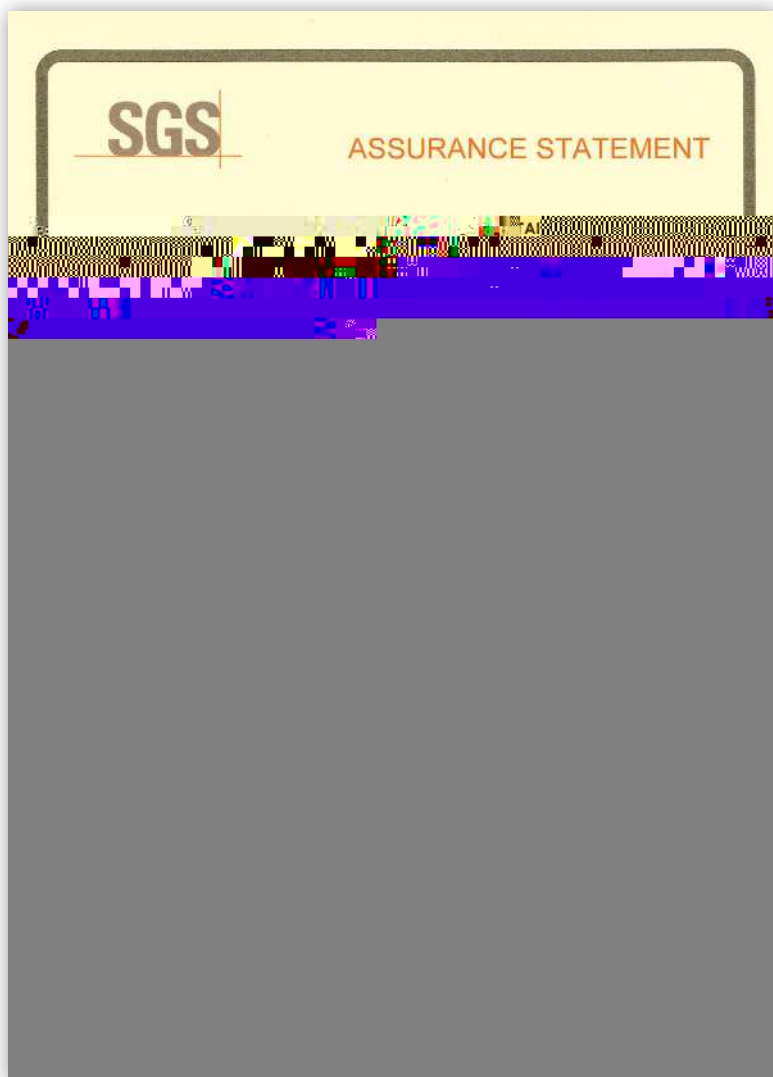
G.

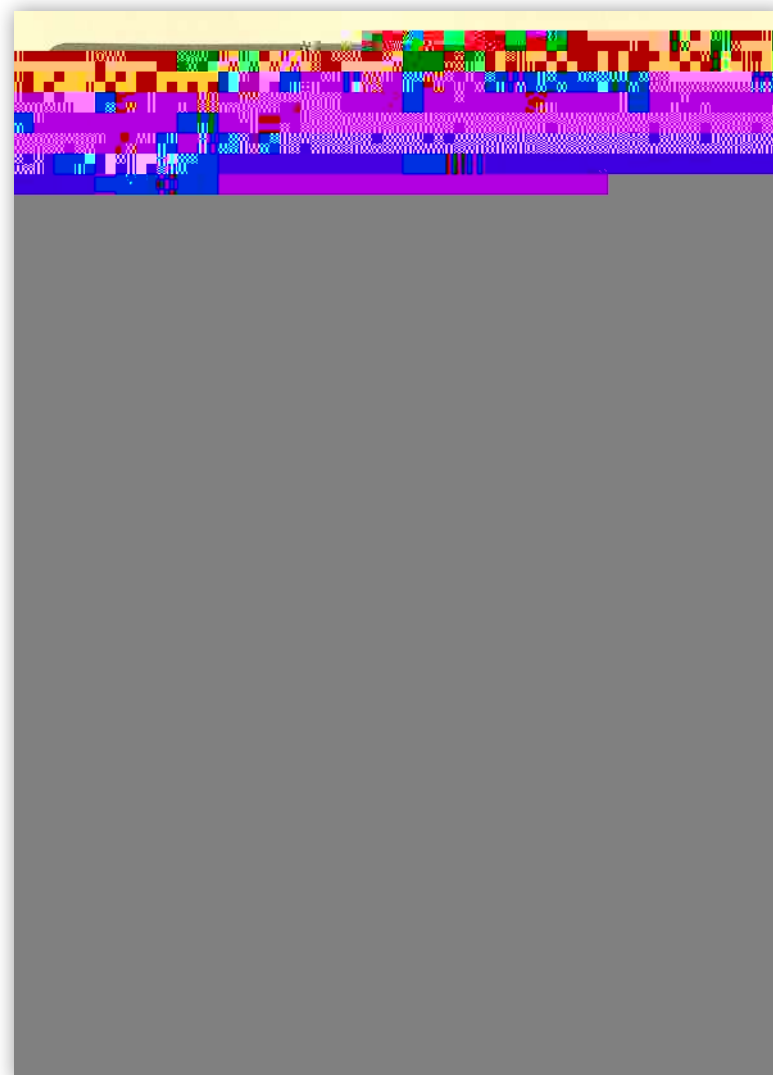


- 1.
 - 2.
 - 3.
- + $\hat{O}$ DOE $\hat{o}$ RBA



H.







GRI & CASS-CSR 4.0

		CASS-CSR 4.0			/	
102-1		P4.1 P4.2 P4.3 P4.4 S2.1 S4.2 S4.3		13		○
102-2				13		○
102-3				13		○
102-4				13		○
102-5				13		○
102-6				13		○
102-7				13		○
				15		
				40		
102-8				94		○
			ESG	125		
			-	136		
102-9				48		○
				53		
102-10					13	2020 Asteel 220



		CASS-CSR 4.0			/	
102-18		G3.1		16		○
102-22		G3.2		16		○
		G3.3				
		G4.1	ESG	131		
102-23		G4.3				○
		G5.1		16		
102-24		M1.1				○
		M1.2		16		
102-32		E2.18		25		○
102-33				16		○
				17		
				17		
				25		
102-40				32		○
102-41		S2.3		92		○
				92		
			ESG	127		



		CASS-CSR 4.0			/		
102-42		G6.1 G6.2		32		○	
102-43				36		○	
102-44				32		○	
				36			
102-45				15		○	
102-46		G2.1		34		○	
102-47				34		○	
102-48		P1.1 P1.2 P1.3 G4.2	-	-		○	
102-49				32		○	
102-50				4		○	
102-51				4		○	
102-52				4		○	
102-53				4		○	
102-54	GRI			4		○	
102-55	GRI			GRI & CASS-CSR 4.0	145		○
102-56	/				4		○
					143		



			CASS-CSR 4.0			/		
	201-1		M1.6 M1.7 M1.8 S1.3		15			}
					16			
					97			
				ESG	128			
				ESG	130			
	201-2				64			}
	201-3				101			}
	201-4				15			}
	103-1				34			○
	103-2				97			○
	103-3				97			○
	202-1				97			}
				ESG	126			
	202-2		S4.3		95			}
	103-1				34			○
	103-2				53			○
	103-3				53			○
	204-1							



			CASS-CSR 4.0			/		
	103-1		M1.3 M1.4		34			○
	103-2				18			○
	103-3				18			○
	205-1				18			?
	205-2				18			?
				-	142			
		53						
205-3			18	2021		?		
	103-1		M2.11 M3.2 M3.3 M3.5		34			○
	103-2				18			○
	103-3				19			○
	206-1				19	2021		?
	103-1		E2.2		34			○
	103-2		E2.3		64			○
	103-3		E2.4		69			○
	302-1		E2.5		69			?
	302-3		E2.6		69			?
	302-5		E2.7					
E2.8				44			?	



			CASS-CSR 4.0			/		
(2018)	303-3		E2.9	ESG	71			3
			E2.10					
			E2.14		124			
			E2.15					
	103-1		E1.9 E2.12 E2.13 E2.24 E2.25		34			○
	103-2				64			○
	103-3				67			○
	305-1				67			3
				ESG	124			
	305-2				67			3
				ESG	124			
	305-3				68			3
				ESG	124			
	305-4				67			3
305-5			69			3		
305-7	NO _x SO _x			74			3	
(2020)	306-1		E2.16 E2.17		72			○
	306-2				72			○
	306-3				72			3
	306-5				73			3
	103-1				34			○
	103-2				64			○
					19			
	103-3				19			○



			CASS-CSR 4.0			/		
	307-1				64	2021		3
	103-1		M3.8		34			○
			M3.9					
	103-2		M3.10		53			○
			M3.11					
	103-3		M3.12		56			○
	308-1		M3.13		56			3
			M3.14					
	308-2		M3.15 M3.16		57			3
	103-1				34			○
	103-2				96			○
	103-3				96			○
					98			
	401-1		S1.5 S1.6 S2.20		96			3



			CASS-CSR 4.0			/		
	401-2		S2.9 S2.10 S2.17 S2.18		99			3
	401-3				100			3
/	103-1				34			○
	103-2				89			○
	103-3				89			○
	402-1				92			3
(2018)	103-1		S2.11 S2.12 S2.13 S3.1 S3.2 S3.3 S3.4 S3.5 S3.6 S3.7		34			○
	103-2				77			○
	103-3				77			○
	403-1				77			○
	403-2				77			○
	403-3				84			○
	403-4				77			○
	403-5				82			○
	403-6				84			○
	403-7				77			○
	403-8				77			3
	403-9				80			3
	403-10				77			3



			CASS-CSR 4.0			/		
	103-1				34			○
	103-2				106			○
	103-3				107			○
	404-1		S2.15		107			3
				ESG	127			
	404-2		S2.16		108			○
404-3				104			3	
	103-1		S2.2 S2.5 S2.6 S2.8		34			○
	103-2				94			○
	103-3				94			○
					97			
	405-1				94			○
				ESG	125			
405-2			98			3		
	103-1				34			○
	103-2				89			○
	103-3				89			○
	406-1		S2.2		91			○
	103-1				34			○
	103-2				89			○



			CASS-CSR 4.0			/		
	103-3				89			○
	407-1		S2.4		89			○
					92			
					56			
	103-1				34			○
	103-2				89			○
	103-3				89			○
	408-1				89			○
					56			
					60			
	103-1				34			○
	103-2				89			○
	103-3				89			○
	409-1		S2.7		89			○
					56			
					60			
	103-1				34			○
	103-2				89			○
	103-3				89			○
	412-1				90			?
	412-2				92			?



			CASS-CSR 4.0			/		
	103-1		M3.8		34			○
	103-2		M3.9		53			○
			M3.10					
	103-3		M3.11		56			○
	414-1		M3.12		56			?
			M3.13					
	414-2		M3.14		57			?
			M3.15	ESG	129			
			M3.16		61			
	103-1		M2.2 / M2.10		34			○
	103-2				51			○
	103-3				52			○
	416-1				52			?
	416-2				52	2021		?



			CASS-CSR 4.0			/		
	103-1				34			○
	103-2				18			○
	103-3				19			○
	417-3				19	2021		3
	103-1		M2.13		34			○
	103-2				51			○
	103-3				51			○
	418-1				18	2021		3
					51	2021		
	103-1				34			○
	103-2				18			○
	103-3				19			○
	419-1				19	2021 3		3



SASB

	TC-ES-140a.1		m ³ , %			71
	TC-ES-150a.1		t, %			72
	TC-ES-310a.1			2021		92
	TC-ES-440a.1		N/A			53 60 21
	TC-ES-000.A					13
	TC-ES-000.B			4,866,859		13
	TC-ES-000.C					94

USI

	CASS-CSR 4.0			
		USI		60
		USI		41
				40
	M2.3 M3.4 M3.6		2017	49



	CASS-CSR 4.0			
	M2.14 M2.15 M2.16 M2.18	2017		49
	M2.17	2017		50
		2017		16
		2017		6
	M1.5 M3.7	2017		17
IL				



	CASS-CSR 4.0			
	S4.6 S4.9 S4.10 S4.11	2017	概	113
	S4.12 S4.13 S4.14	2017		117
	E1.1			64
	M2.12 E1.6			45
	E1.2 E1.3 E1.4 E1.5 E1.7 E2.1			43
	E1.8 E2.20 E2.22 E2.23 E3.1 E3.2 E3.5			75
	E1.10 E3.3 E3.6			119



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+86-21-3813-6668		+886-49-221-2699		
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	369	ul. Innowacyjna 4, 55-040 Biskupice Podgórne, Lower Silesia Poland		
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	497	Lô đất CN4.1H, Khu công nghiệp Đình Vũ, thuộc Khu kinh tế Đình Vũ - Cát Hải, Phường Đông Hải 2, Quận Hải An, Thành phố Hải Phòng, Việt Nam		
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