



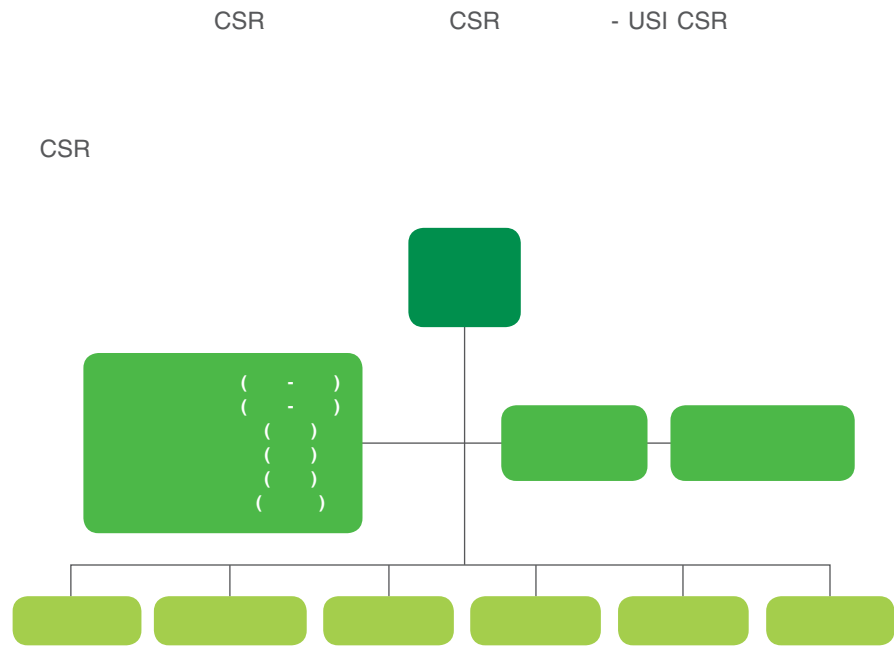


2		20		40		69
		20		41		72
5		21		43	-	72
		21	-	43	-	75
			-	44		79
			-	48		
7		24	-	53		81
			-	53		
10		25				
	-	25				
	-	26				82
		27		59		
14	-	27	-	59		
	-	28	-	61		
15	-	30	-	62		
16	-	30		62		
17	-	31	-	62		
(EICC)	-	34	-	63		
	-	37	-	65		
(CFSI)	-	38	-	65		
	-	38	-	67		



(Environmental, Social and Governance, ESG)

ESG



A large, empty rectangular box with a green border. In the top right corner, there is a circular icon of a green hand. Along the left side of the box, there is a vertical list of eight small green right-pointing triangles, serving as a placeholder for a list of items.

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- ▶
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2010-2012

(ESG)

(2013)


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Universal Scientific Industrial de México, S. A. de C. V.

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 1558

 +86-21-5896-8418 67850

 public@usish.com

 www.usish.com

 +86-21-5896-8415

 351 141

 ~~7633332035~~0876 ~~03m3333~~









Lot 3 / Lot 6

2015

ErP

$$+ \quad + \quad + \quad 1.25 \quad / \quad = \quad + \quad 2015$$

2014 38% 2015

• 2015 2014 4,633
 • (2013
)

• 738,553 2014 (788,340) 6.3%
 -8.3% (-2%) 6.3%

• 86.74% 84%

• 250 4,000 (2015 12,000)
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CSR

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177

42

CSR

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EICC EICC

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GRI G4 46

36

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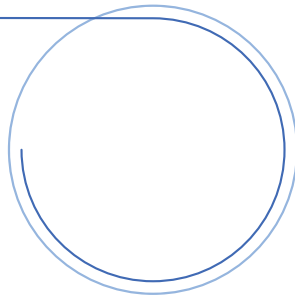
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/ E-mail

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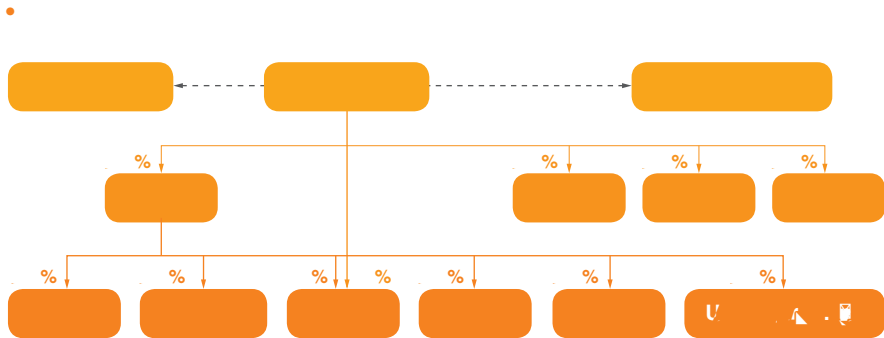


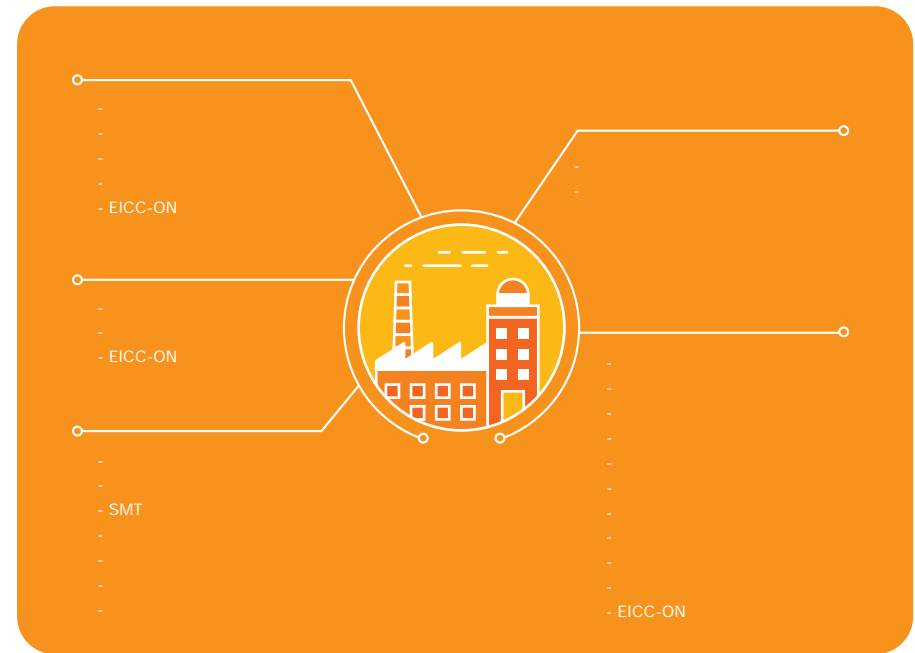
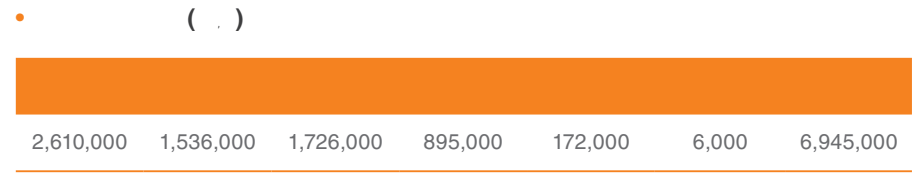
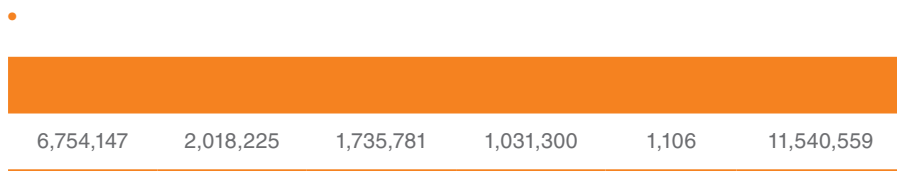
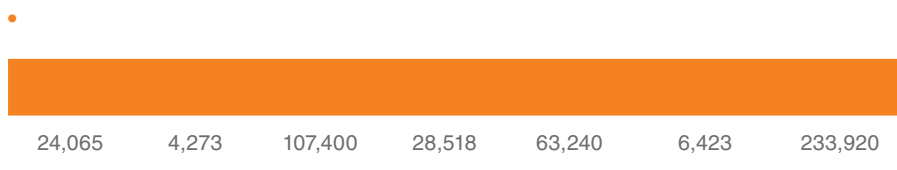
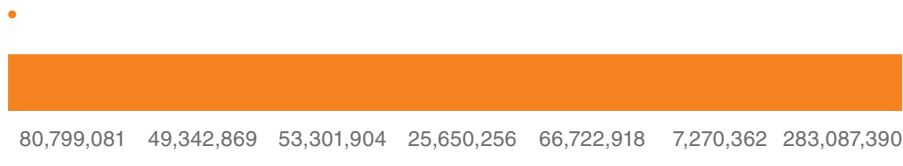
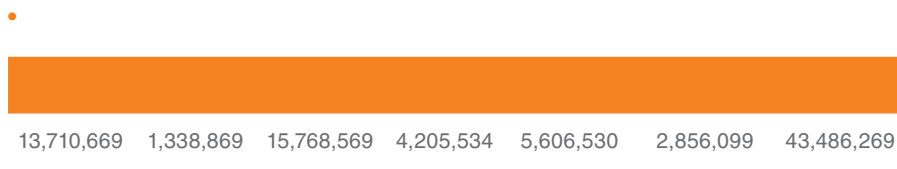
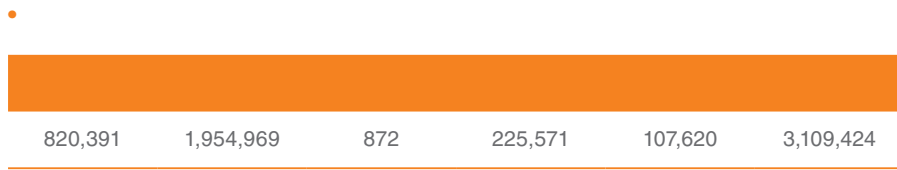
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2015		213.23	2014	34.34%
6.91	2014	1.55%	213.23	
	62.22	68.09	47.75%	
9.15	4.29%		324,065,170	





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SRC Site Review Committee

2015
Coalition, EICC)
(Electronic Industry Citizenship
EICC
2012 EICC-ON

EICC-ON
Low Risk 2015
(SAQ)
EICC

(-)

GeSI) 2011
CFSI)
CFSI
2015 CFSI
(Global e-Sustainability Initiative,
(Conflict-Free Sourcing Initiative,

2015 Corporate Review Committee(CRC)
 6,945 (Revenue) 0.228% (Target
 0.21%) 34.3 CIP

(Unit)	(Revenue %)	(Unit)
2,610	0.176	0
1,536	0.715	10.8
1,726	0.225	11.8
895	0.224	7.6
172	0.213	4
6	0.005	0

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Mini (IC) (PLC)



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2015 4



63,875 2015 12 35,523
 8 QFN IC
 259%
 12 4
 1 2016 2





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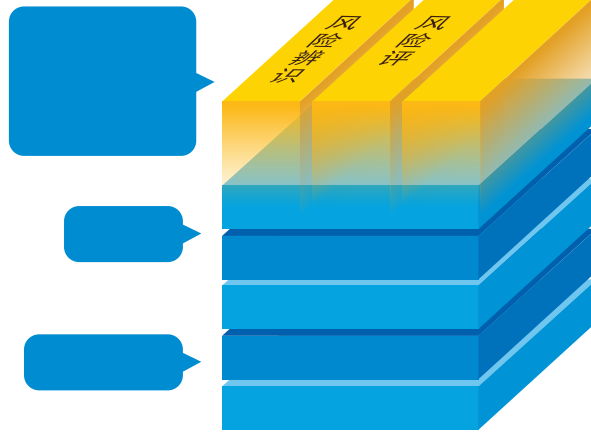
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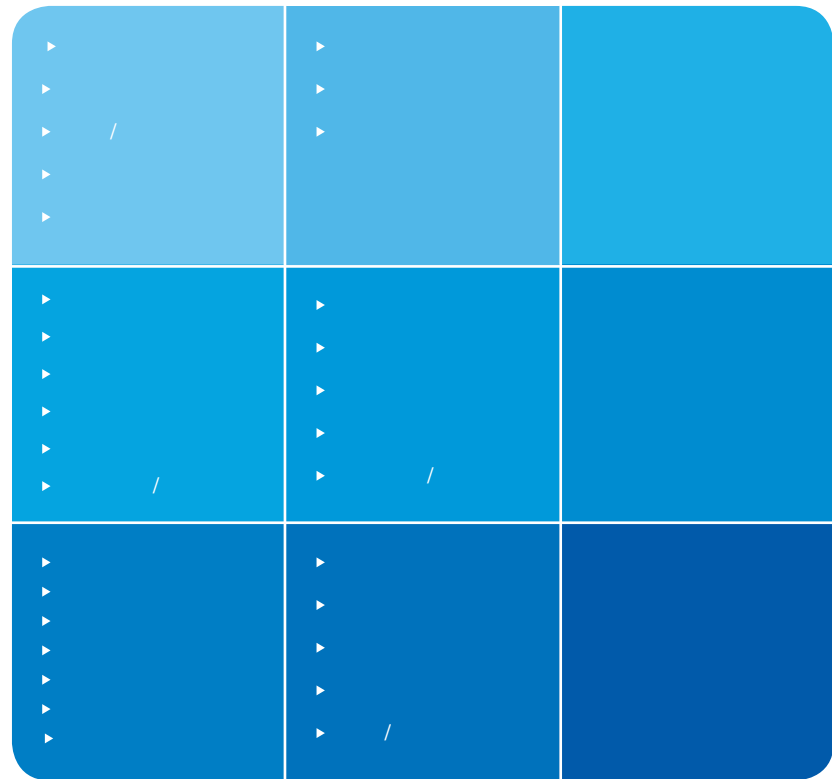
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▶
- ODM
- (forecast) /

▶
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•
2015
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2016

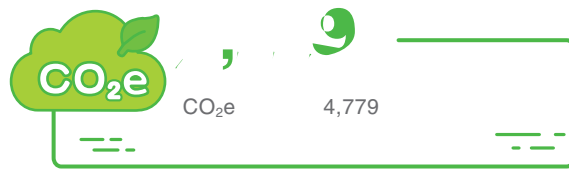
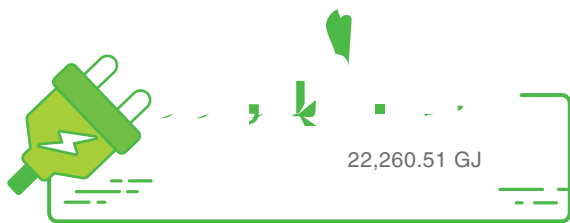


(EHS)



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ISO 14001 OHSAS 18001 ISO
50001

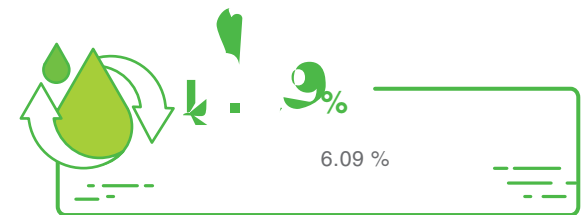
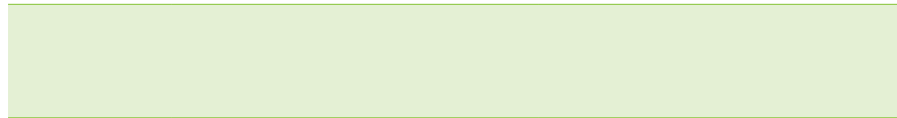


• 2014



A
• T8/T5 LED 1,350 MW-hr CO₂e 1 = 1

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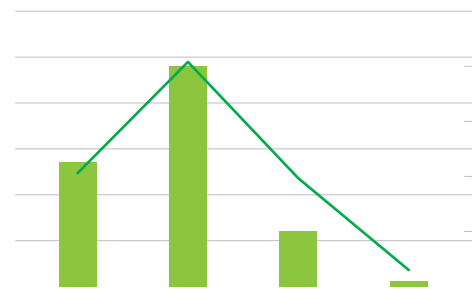
54,196
COD: 20.2mg/L; SS:8.4mg/L

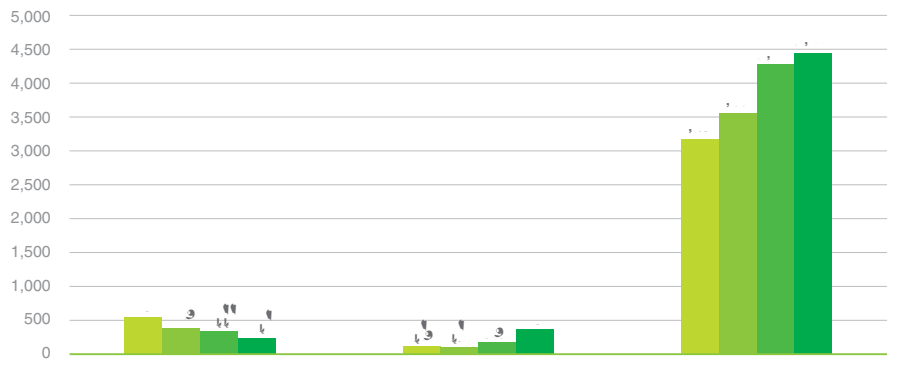
2015
BOD: 5.0 mg/L;

2015
RO

12
5,000

2015





■ 2012
■ 2013
■ 2014
■ 2015

1.
2.

PCB

	0	0	1.26	75.20	70.90
	0	18.25	0	111.26	0
	0	64.93	0	27.64	0
	0	0	0	4.36	0
	7.60	0	0	0.34	0
	0	0	0	0	0

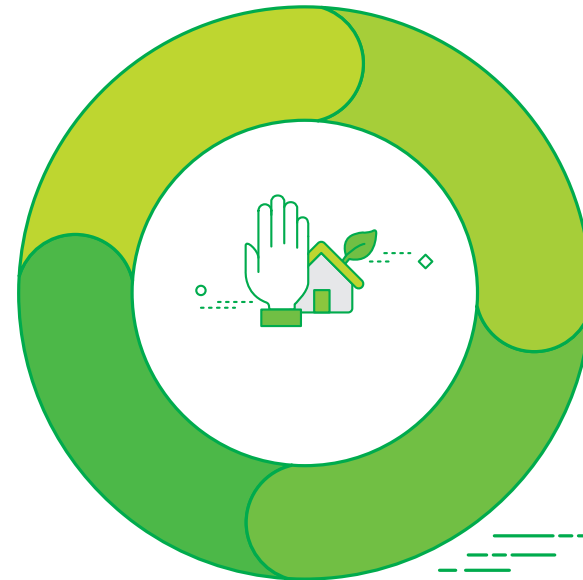
	0	561.40	24.00	0
	0	335.07	57.70	0
	459.17	1,912.78	117.62	0
	0	590.35	43.91	0
	32.40	137.12	0	138.56
	0	357.86	15.14	0

GHS

(SDS)

()	11,412.18	14.17	8,938.31
()	2,016.90	N/A	N/A
()	10.78	N/A	N/A
()	4,892.39	N/A	N/A

1. × × × 24 ÷ 10⁶
 2.

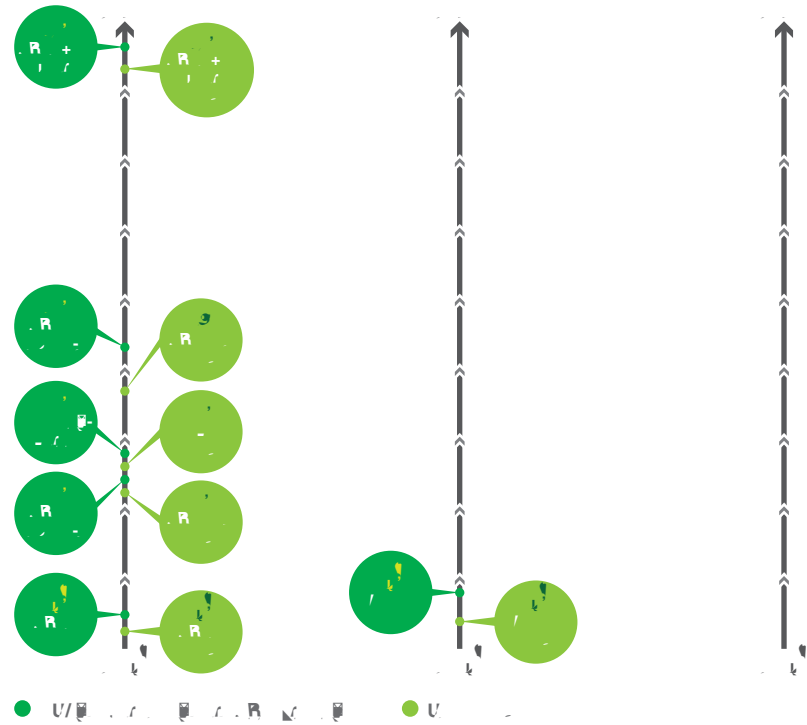


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▶ RoHS (Restriction of Hazardous Substances)
2015 RoHS 2.0
(BBP) (DBP) (DEHP) (DIBP) 4
RoHS

▶ ErP (Energy-related Product) CEC (California Energy Commission)

▶ REACH (Registration, Evaluation and Authorization of Chemicals)
SVHC (Substances of Very High Concern)
2015/12/17 5 (SVHC) REACH SVHC
168

▶ China RoHS Japan RoHS RoHS
▶
▶

▶ WEEE (Waste Electrical and Electronic Equipment)
WEEE





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Substance Free RoHS
 -2002/96/EC

Star Energy-related Product (ErP)

-2002/95/EC Eco-Design

HSF Hazardous
 WEEE Energy

91%

93%

Tier-1	CoC	6	Tier-2	CoC	6
		6			6

80 PLUS

80 PLUS

2015

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• SAR

•	RoHS	WEEE	ErP
---	------	------	-----

• (RoHS)

• (Reuse), (Reduce), (Recycle) 3R

• (RoHS) 3R



		<ul style="list-style-type: none"> • POS 2005 100% RoHS • POS 2014 100% • POS 2015 12 DoE Level 6 AC Adapter 	0.1W 87.4%		
		<ul style="list-style-type: none"> • 80 Plus 			

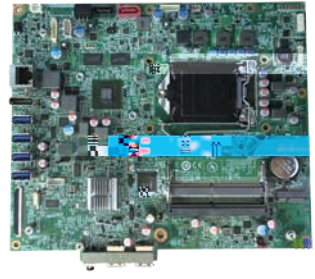
		<ul style="list-style-type: none"> • • • 		DC/DC	
--	--	---	--	-------	--

		<ul style="list-style-type: none"> • SSD ultra low power SATA SSD DEVSLP <20mW 	<1mW		
		<ul style="list-style-type: none"> • PFM 		/	PWM

		<ul style="list-style-type: none"> • Tool-less Cable-less • RoHS and HF material components and PCB • 			
--	--	--	--	--	--

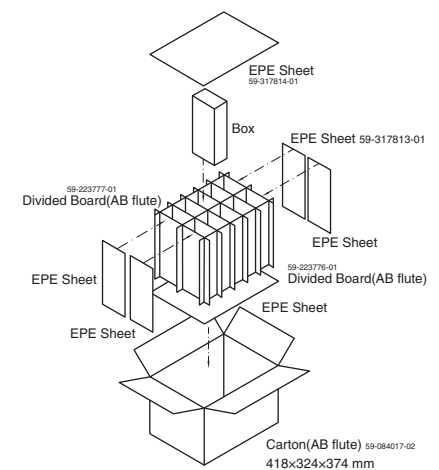
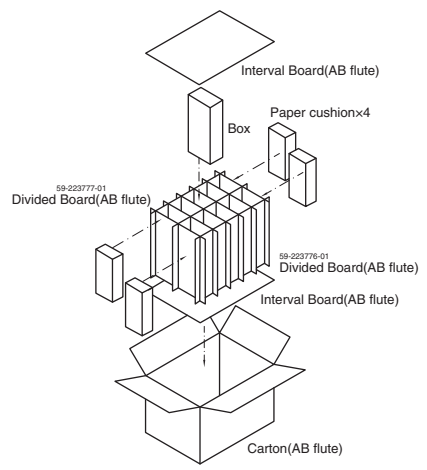
		<ul style="list-style-type: none"> • CPU Virtual CPU HDD CPU/HDD 			
		<ul style="list-style-type: none"> • Power(Vcore/DDR) DC-DC • CPU 20% 90%; • BMC/BIOS Intel Node Manager USI 92% 			

•
 ▶ USI 2015 Intel
 Skylake
 ErP Lot 3 / Lot 6



GS
 100%

▶ USI European Union RoHS Directive 2002/95/EC 2015
 99EX EPE foam paper cushion EPE
 foam 2015 EPE foam 10,208,534
 89,868.8



2015 4 12 99EX 140,412 Sets (6.4) EPE foam 727

▶ 2015 WM-BAC-BM-31 2 1 1
) WM-BAN-BM-37 (1 1
 A. 50%
 B. (2) USI/WP
 (1 MCS15)



	60%~80%	71%~81%
	43%~60%	60%~81%
	Tx:143M, Rx:169M	Tx:146M, Rx:172M
	Tx:156M, Rx:155M	Tx:155M, Rx:166M

Throughput: All modules are used MCS15 HT40(300M) in Chamber (1 meter)





2008 6 EICC



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- ▶
- ▶
- ▶

11,252	EICC	...	2015	0.5	2015	7,613
	73.90%					12,071



2015

() 15,226

12,765

1,574

887

981

1,180

3,095

(

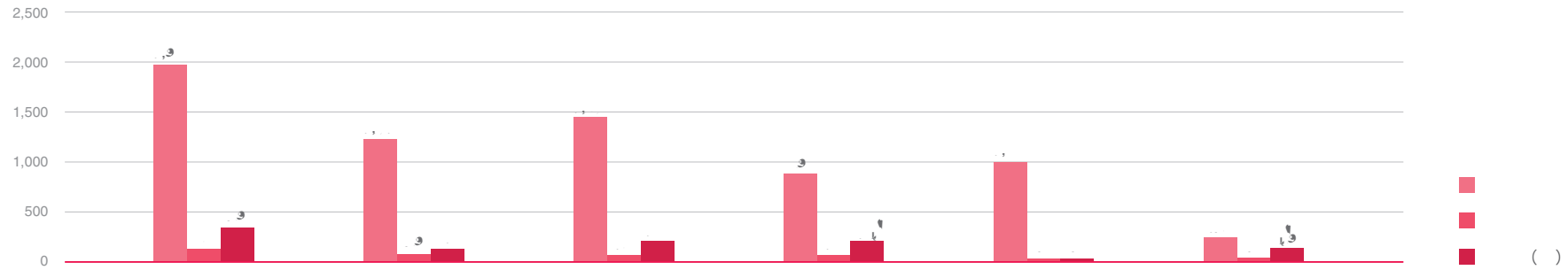
1,842

12%) 9,970

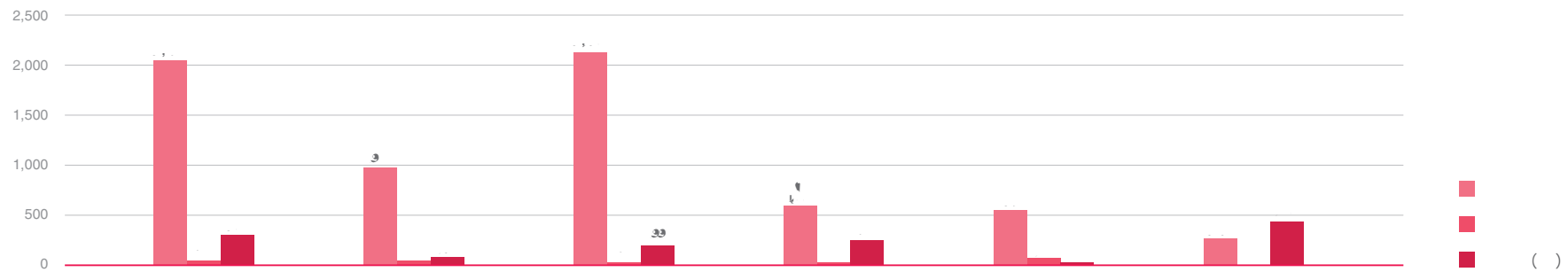
7,752

51%

()



()

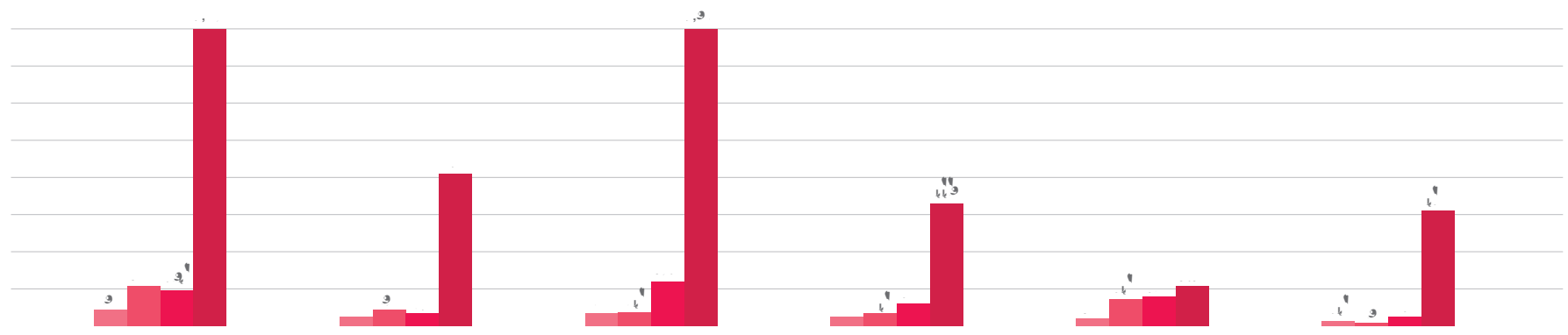
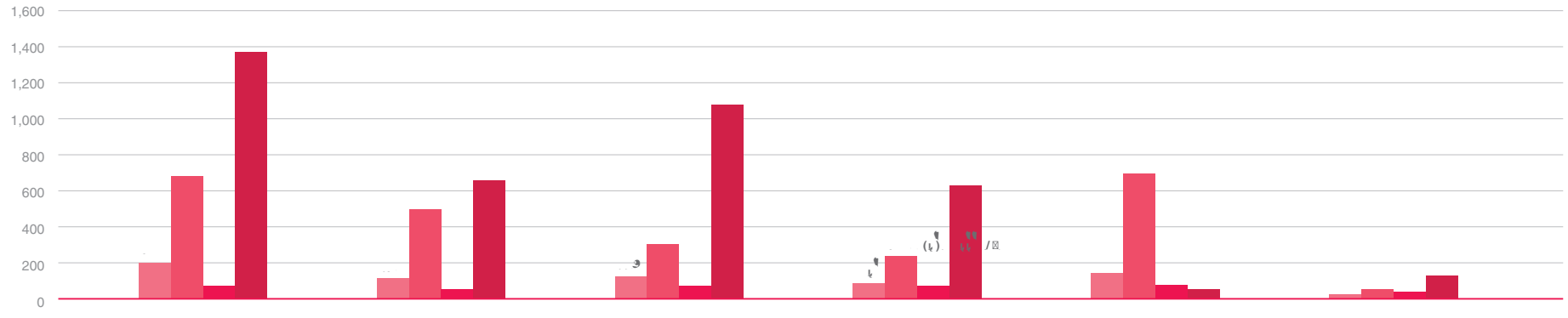


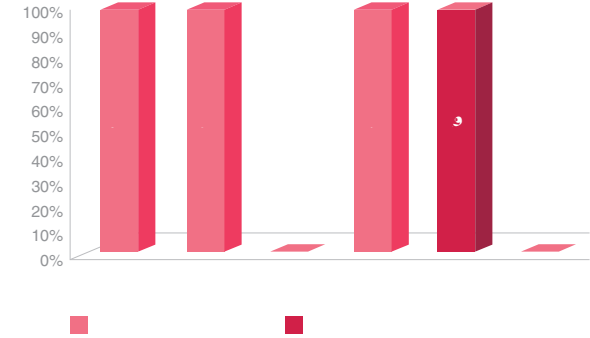
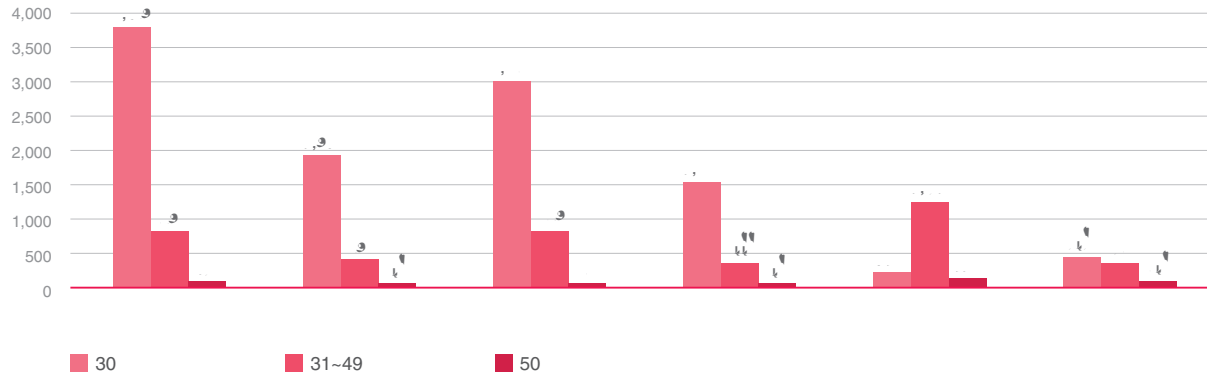
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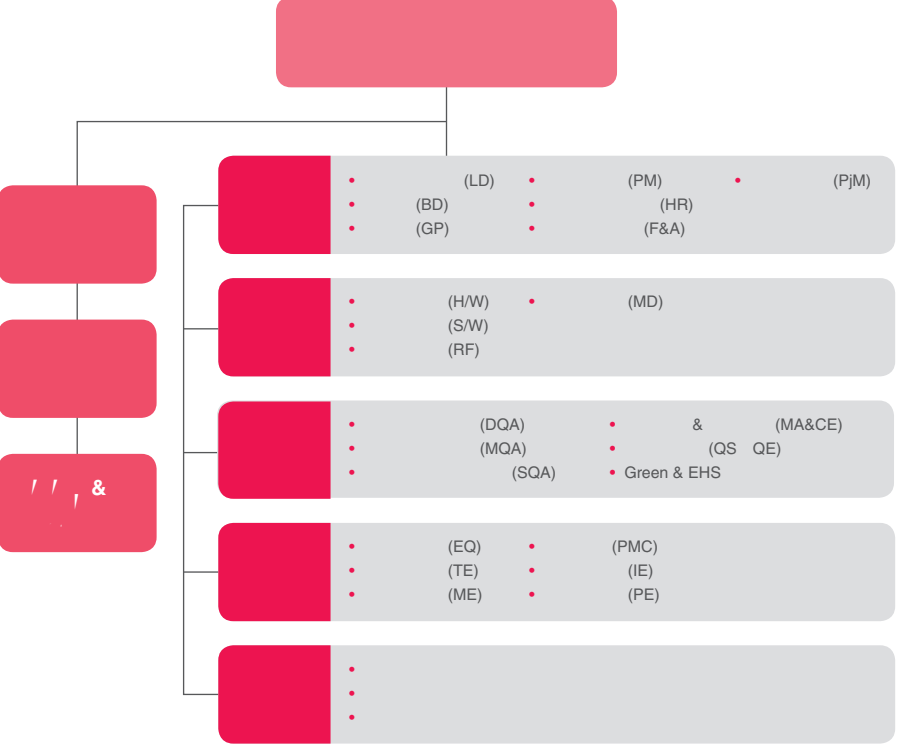




	1,868	2,671	1,066	868	144	125	6,742
	2,596	3,717	2,196	1,019	77	729	10,334
	4,230	5,927	3,024	1,820	121	631	15,753
	233	461	238	67	96	214	1,309
	1	0	0	0	4	9	14
	96%	274%	83%	100%	14%	96%	112%

	2,104	3,256	1,119	837	96	105	7,517
	3,075	3,786	2,279	1,102	97	659	10,998
	4,838	6,506	3,127	1,859	113	546	16,989
	341	536	270	79	73	205	1,504
	0	0	1	1	7	13	22
	112%	302%	87%	103%	12%	86%	122%

(USIU) USIU
 2015 203,397 15,226
 13.4



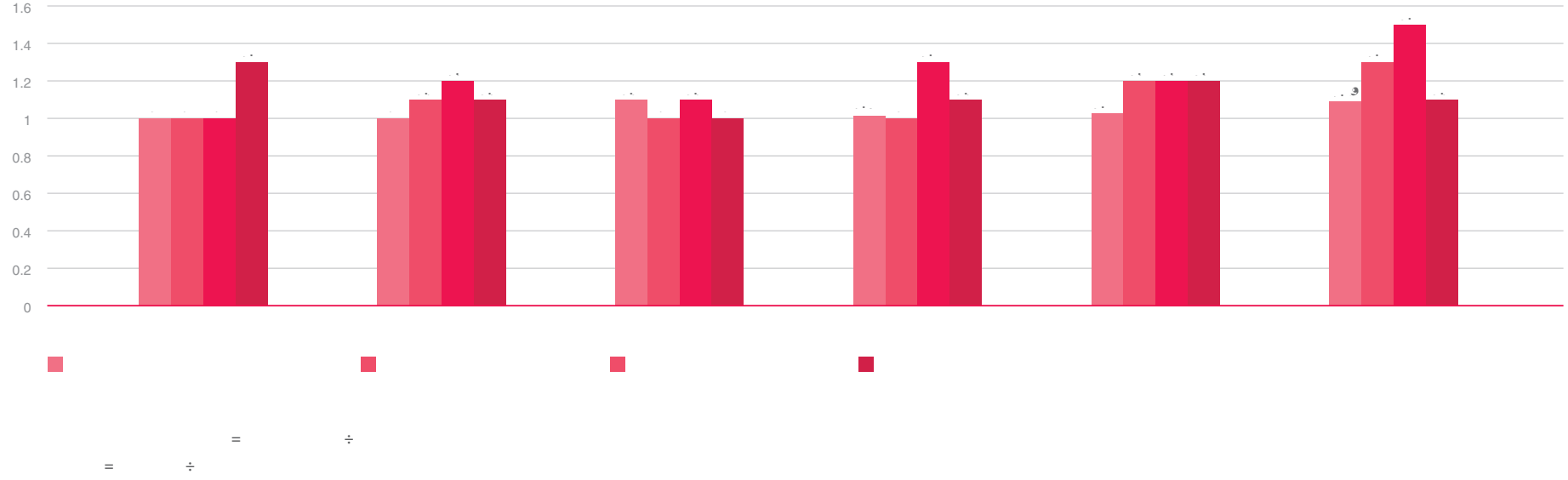
	3,912.8	1,680.0	400.5	1,233.9	5,837.8	117.0	13,182.0
	1,467.3	360.0	245.5	447.1	849.5	48.0	3,417.4
	19.3	13.2	3.4	14.3	36.5	6.2	18.5
	16.3	10.9	3.4	14.9	34.0	3.0	12.8
	3,488.9	8,640.0	913.6	2,403.2	20,263.4	1,181.0	36,890.1
	1,287.9	7,704.0	217.0	707.2	4,609.7	951.0	15,476.7
	5.1	17.1	2.9	10.4	28.3	35.8	14.8
	6.2	82.0	2.9	12.6	28.8	105.7	25.7
	3,016.1	10,500.0	119.8	821.6	1,072.6	1,571.0	17,101.1
	3,570.4	1,350.0	445.0	1,189.5	2,197.2	195.0	8,947.1
	41.3	308.8	1.8	11.7	14.9	60.4	49.9
	18.2	19.0	1.8	11.0	12.9	3.8	10.7
	26,998.3	4,200.0	982.7	10,425.0	683.8	783.0	44,072.8
	30,911.1	3,888.0	1,747.1	13,820.1	2,944.9	10,999.0	64,310.2
	19.7	6.4	0.9	16.5	11.8	6.5	11.2
	17.1	4.8	0.9	20.7	13.9	17.9	10.6
	37,416	25,020	2,417	14,884	27,858	3,652	111,246
	37,237	13,302	2,655	16,164	10,601	12,193	92,151.3
	85	346	9	53	91	109	14.9
	58	117	9	59	90	130	11.9





1 1

1.2 1



	714	674	94%
	2,492	2,292	92%
	343	339	99%
	3,925	3,039	77%
	7,474	6,344	85%
	267	263	99%
	603	562	93%
	837	851	102%
	6,045	4,730	78%
	7,752	6,406	83%
			%

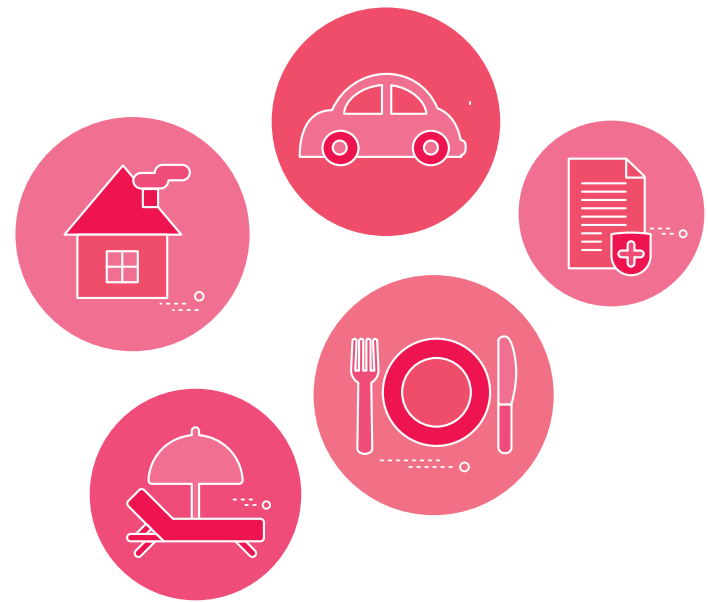
1. 1 () ≥3
2. 12/31()



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2015

2016





	67	18	85
	5	7	12
	4	3	7
	0	2	2
	0	4	4
	0	9	9
	0%	67%	29%
	0%	44%	44%



KTV



2015

70

20,000

)

(Site

OHSAS 18001

)

2016

(

2015



59%



GHS

2016/01/01

(SDS)



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(SDS)

GHS

2015

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2015 7

Newsletter

Email

AED



2015



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2015

2015

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(EAPs)

EAP Employee Assistance Program



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OUT SAVE

7 45 2,863

2,808

30

		2003	
2015	500	2014	20%
2015		600	
805.8	55%	32%	
BMI	59%	55%	







DMS

	2005	2015	2002	2013	-	-
	2004	2015	2001	2011	1993	2005
	2007	-	-	2013	2003	2005
	2007	2015	2007	2012	2006	2007
	2013	2015	-	-	-	-
	-	-	-	2014	-	-

DMS



ErP
()

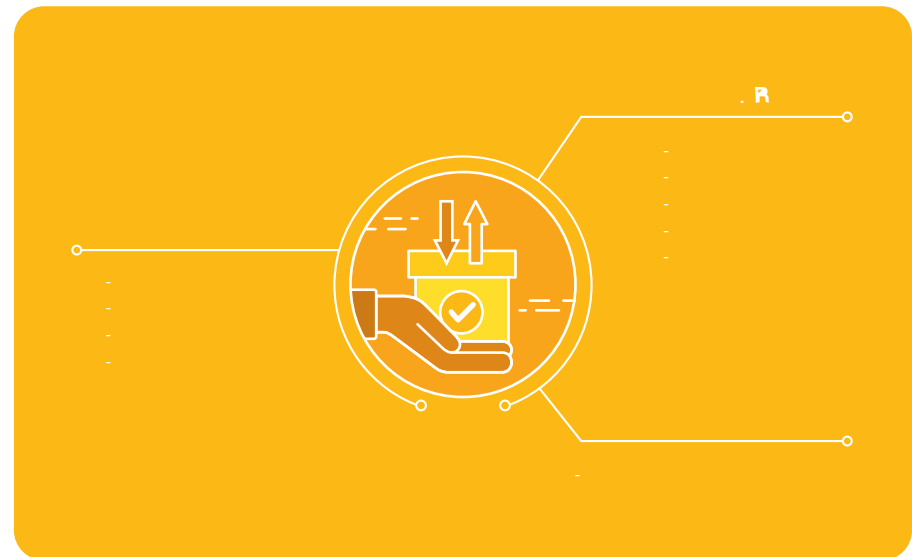
e-RMA SAP

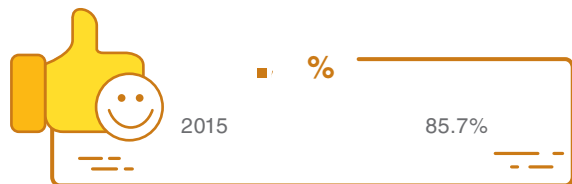
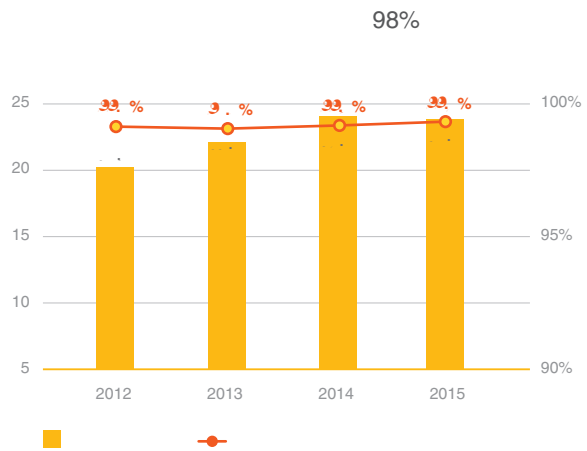
RMA e-RMA
2015

2015

)

	<ul style="list-style-type: none"> (WP) 100% (CVS) 100% (S&S) 100% (AE/VPD) 100% (MP) 100%
U. R .	<ul style="list-style-type: none"> (WP) 48% (S&S) 57% (AE/VPD) 69%
U. R . (-)	<ul style="list-style-type: none"> (WP) 100% (CVS) 100% (S&S) 100% (AE/VPD) 100% (MP) 100%



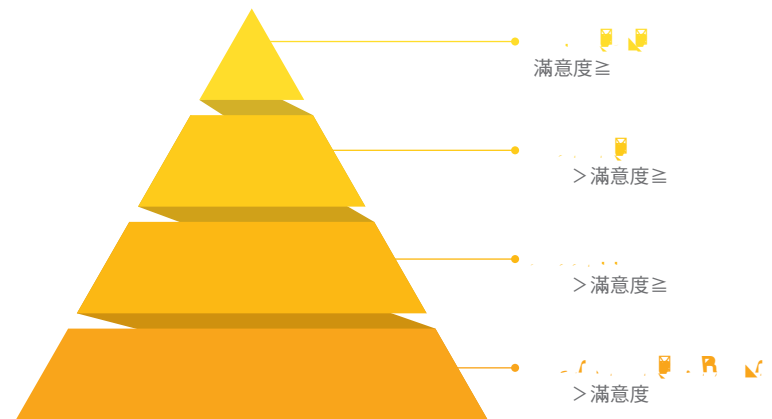


2015

- Partner Excellence Award
- Recognition of Outstanding Partnership
- Perfect Quality Award (X86 Server)
- (MB CMs)
- (DTMB)



QBR(Quarterly Business Review)



2015

85.7% (Excellent)

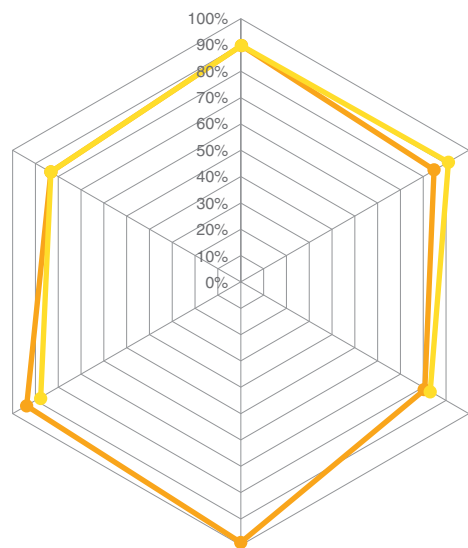
81.3%

83.5% (Successful)

Excellent

Excellent

2015
2014



(Document Change Notes) USI PDM (Product Data Management) DMP (Document Management and Protection)

2015

2015

(

80%

59%

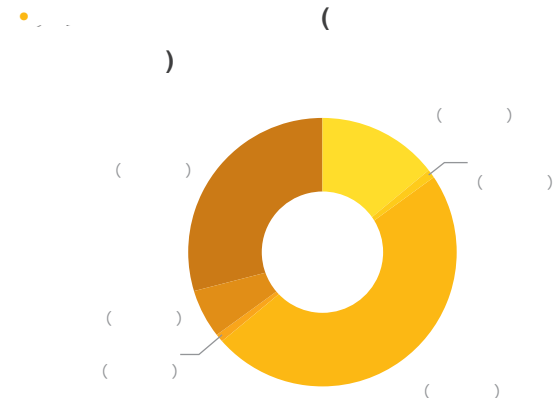
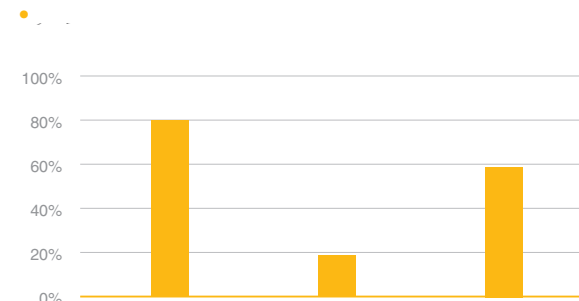
19%

)

2015

2014

180



•

455	74	746	553	398	130
42%	17%	19%	9%	10%	3%

EICC
EICC

EICC
EICC

Vendor Rating



QC080000

2015

98.2%

5) (25) EICC 100% 2015 8 2015 EICC 2015 2016

	12	10	83%
	10	8	80%
	10	9	90%
	17	13	76%
	14	10	71%
	11	9	82%
	11	9	82%
	4	3	75%
	2	1	50%
	2	1	50%
	2	2	100%
	2	0	0%
	7	5	71%
	3	3	100%
	4	3	75%

QBR (Quarterly Business Review)



minerals.asp

<http://www.usish.com/english/>

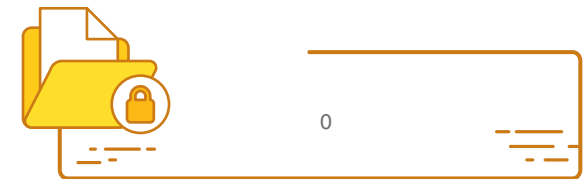
CMRT

WEEE RoHS REACH

(ugtwsox@usish.com)

2015

2015



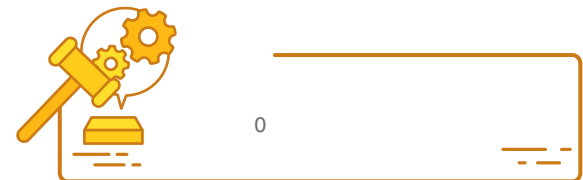
CSR

2012

49

67

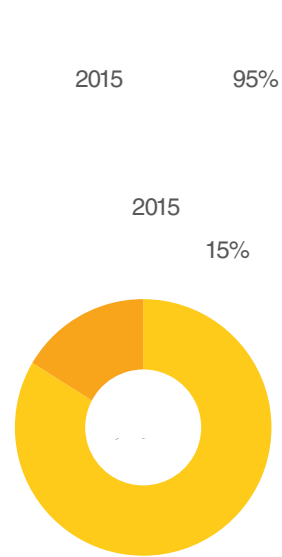
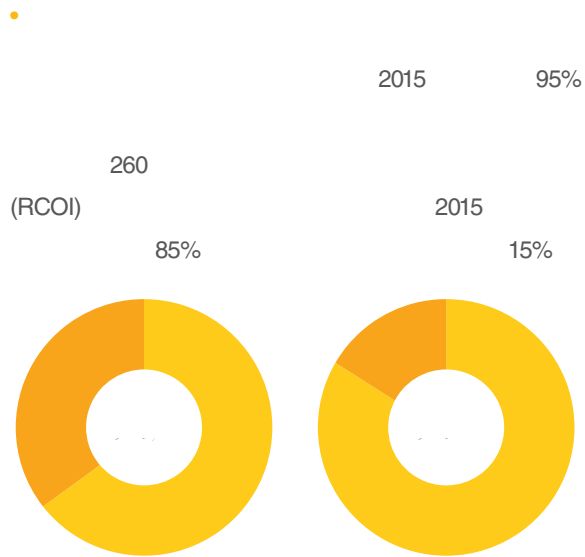
()





(CMRT)

CFSI
(Representation)
(Audit Checklist)



2015 CFSI

(CFSI)

IT

CFSP

DRC Conflict-Free

CFSP, Conflict-Free Smelter Program

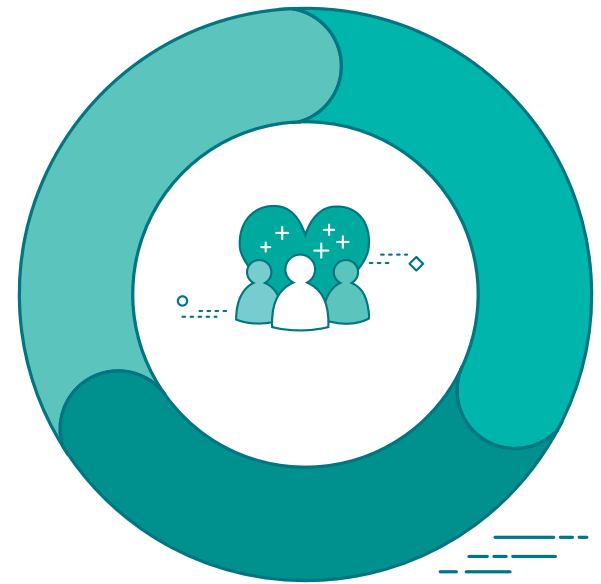
2015 263







2015



▶ 2005

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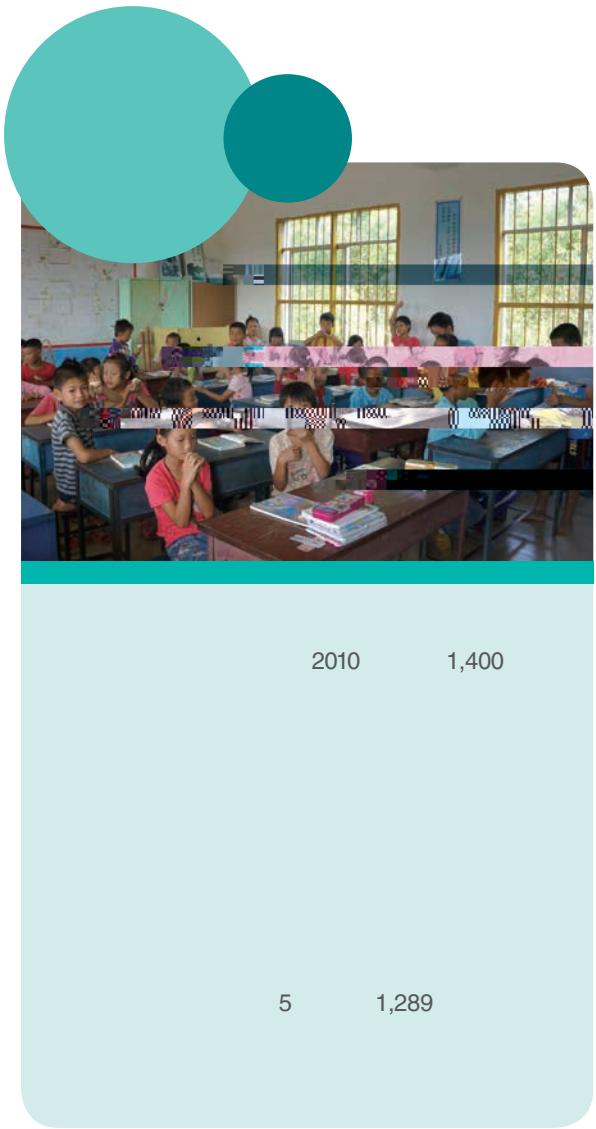
50



...	15	1,415	1,202	6	90	106	11
...	42	1,356	831	299	130	84	12
...	55	1,073	605	376	43	39	10

2015

750



2015 10 27



15
5

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21



2006

2015

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2015 11 7

108

300

210

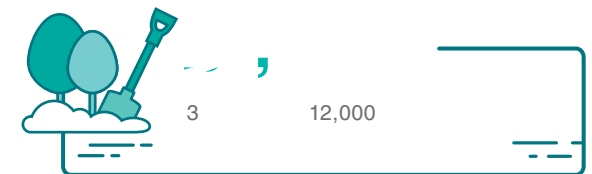


2013

12,000

134.7 2015

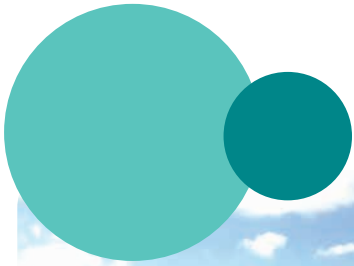
4,000 44.9



2015

70.61%

0.78m



2015 9 19

61

ICC

58 133.5





2007

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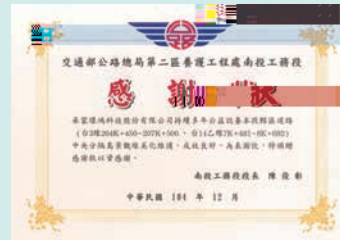
66.6

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14

3

2015 12





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2015

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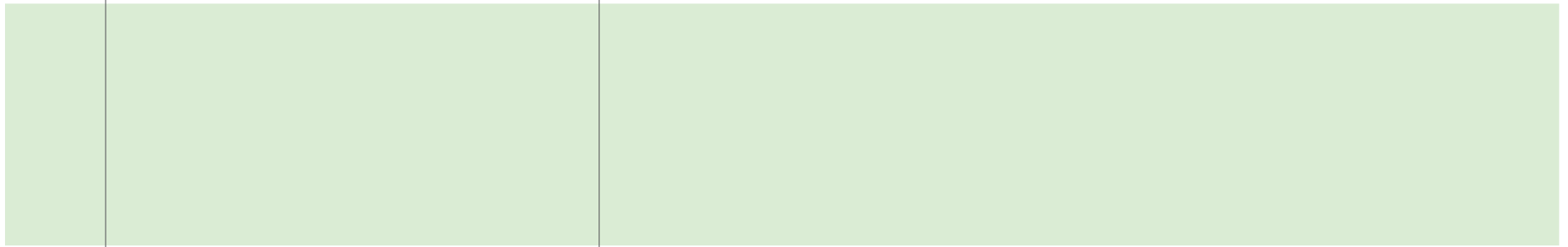
- 2015 /
- 2014
- 2013
- 2012
- 2011
- 2010
- 2009
- 2008
- 2007
- 2006
- 2005





G4-1		
	5	81
G4-3		
	14	81
G4-4		
	14	81
G4-5		
	14	81
G4-6		
	14	81
G4-7		
	14	81
G4-8		
	14	81
G4-9		
	14	81
	15	
G4-10		
a.		
b.		
c.		
d.	41	81
e.		



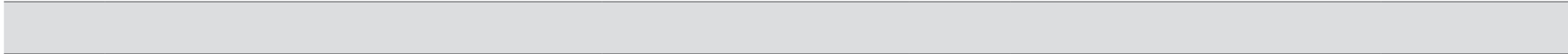




	1.		
G4-21	2.	7	81
	3.		

G4-22		25	2015 IPCC (2010)	GWP (2013) 2015	81
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G4-23		7			81
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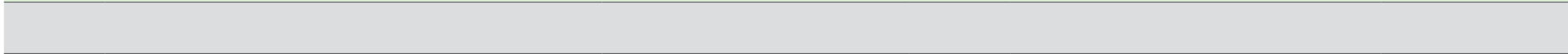


G4-24		7			81
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G4-25		7			81
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G4-26		10			81
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G4-27		10			81
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G4-28		2			81
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G4-29			2	81
G4-30			2	81
G4-31			2	81
G4-32	a.		2	81
	b.	GRI		
	c.	GRI	GRI Index	
		GRI	82	
G4-33	a.		2	81
	b.			
	c.			
	d.			
G4-34			2	81
			20	
G4-56			20	81



		14	81
G4-EC1		15	81
G4-EC3		48	81
G4-EC4		15	81
		41	81
		48	81
G4-EC5	()	48	81
G4-EC6	()	41	81
		62	81
G4-EC9		62	81
		26	81
G4-EN3		26	81
G4-EN5		26	81
G4-EN6		26	81
G4-EN7	()	34	81

		27	81
G4-EN8		27	81
G4-EN10		27	81
		25	81
G4-EN15	(1)	25	81
G4-EN16	(2)	25	81
G4-EN18		25	81
G4-EN19		26	81
G4-EN21		30	81
		28	81
G4-EN22		27	81
G4-EN23		28	81
G4-EN24			81
		30	81
G4-EN27	(31	81
)		34	81



			24		81
	G4-EN29		21		81
			30		81
	G4-EN31		38		81
		EICC	63		81
()	G4-EN32	()	EICC	63	81
	G4-EN33		EICC	63	81
			24		81
			37		81
	G4-EN34		27	2015	81
			65		81



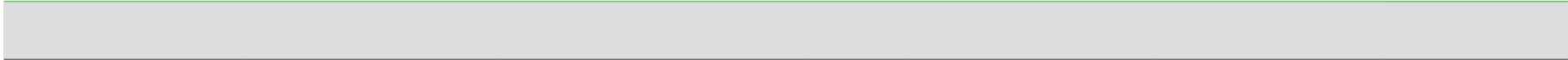
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G4-LA1	43	81
G4-LA2	48	81
G4-LA3	48	81
	53	81
G4-LA4	53	81
	53	81
G4-LA6	53	81
G4-LA7	53	81

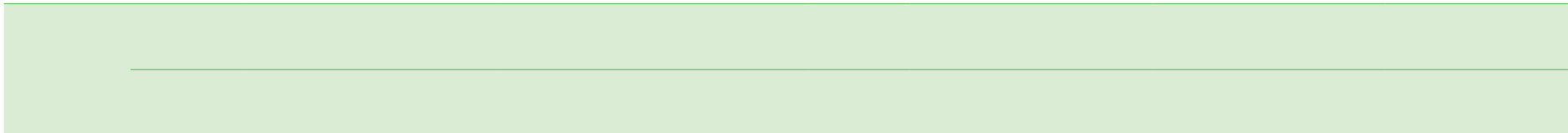
			44	81
G4-LA9			44	81
G4-LA10			44	81
G4-LA11			44	81
			40	81
G4-LA12			41	81
			48	81
G4-LA13			48	90
		EICC	63	81
G4-LA14	()	EICC	63	81
G4-LA15		EICC	63	81





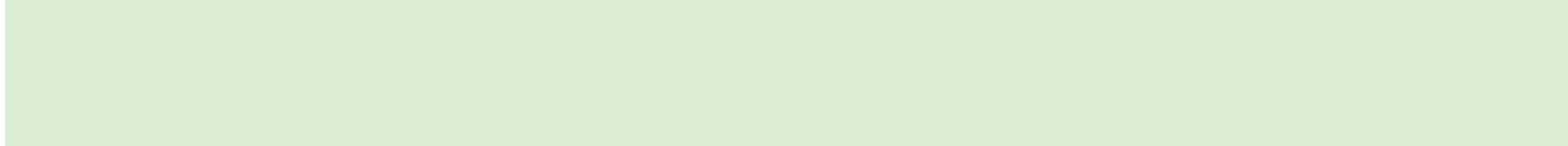
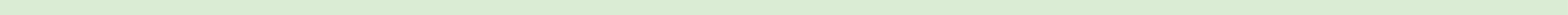
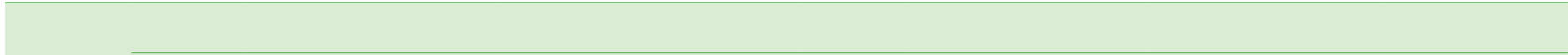
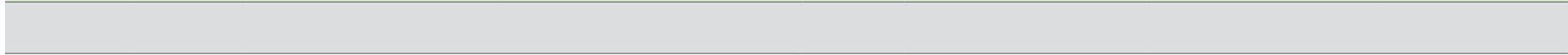
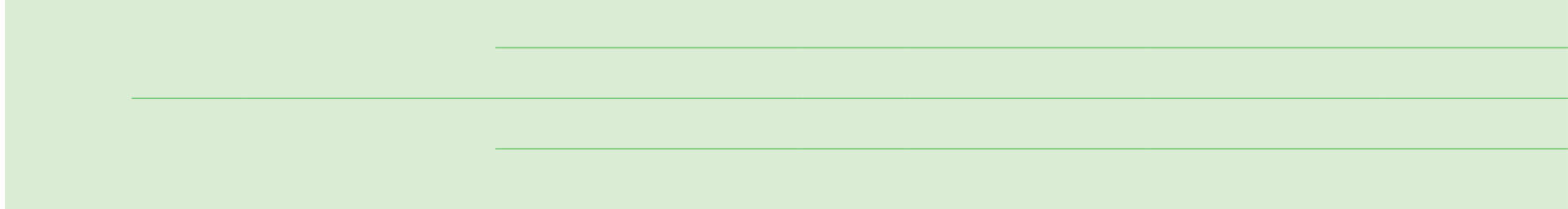
		53		
				81
		65		
G4-LA16		53	65	







			40		81
		EICC	63		81
G4-HR5			40		81
		EICC	63		81
			40		81
		EICC	63		81
G4-HR6			40	2015	81
		EICC	63		81
G4-HR9			2		81
		(EICC)	17		81
			40		
		EICC	63		81
G4-HR10	()	EICC	63		81
G4-HR11		EICC	63		81



		EICC	63		81
()	G4-SO9	() EICC	63		81
	G4-SO10	EICC	63	2015	81
			59		81
	G4-PR1		59		81
	G4-PR2		59	2015	81
			59		81
	G4-PR5		59		81
			62		81
	G4-PR8		62		81
			21		81

	2	81
	65	81
	65	81
	17	81
	17	81

