

LAMPIRAN

Lampiran 1 : Checklist Carbon Emission Disclosure (Bahasa Inggris)

<i>Climate Change: Risks and Opportunities</i>	CC1 – Assessment/description of the risks (regulatory, physical or general) relating to climate change and actions taken or to be taken to manage the risks
	CC2 – Assessment/description of current (and future) financial implications, business implications and opportunities of climate change
<i>GHG Emissions Accounting</i>	GHG1 – Description of the methodology used to calculate GHG emissions (e.g. GHG protocol or ISO)
	GHG2 – Existence external verification of quantity of GHG emission– if so by whom and on what basis
	GHG3 – Total GHG emissions – metric tonnes CO ₂ -e emitted
	GHG4 – Disclosure of Scopes 1 and 2, or Scope 3 direct GHG emissions
	GHG5 – Disclosure of GHG emissions by sources (e.g. coal, electricity, etc.)
	GHG6 – Disclosure of GHG emissions by facility or segment level
	GHG7 – Comparison of GHG emissions with previous years
<i>Energy Consumption Accounting</i>	EC1 – Total energy consumed (e.g. tera-joules or peta-joules)
	EC2 – Quantification of energy used from renewable sources
	EC3 – Disclosure by type, facility or segment
<i>GHG Reduction and Cost</i>	RC1 – Detail of plans or strategies to reduce GHG emissions
	RC2 – Specification of GHG emissions reduction target level and target year
	RC3 – Emissions reductions and associated costs or savings achieved to date as a result of the reduction plan
	RC4 – Cost of future emissions factored into capital expenditure planning
<i>Carbon Emission Accountability</i>	ACC1 – Indication of which board committee (or other executive body) has overall responsibility for actions related to climate change
	ACC2 – Description of the mechanism by which the board (or other executive body) reviews the company’s progress regarding climate change

Lampiran 2 : Ceklist *Carbon Emission Disclosure* (Bahasa Indonesia)

No	Kategori	Item
1	Perubahan Iklim: Risiko dan Peluang	CC-1: Penilaian/deskripsi terhadap risiko (peraturan/regulasi baik khusus maupun umum) yang berkaitan dengan perubahan iklim dan tindakan yang diambil untuk mengelola risiko tersebut. (EN 29)
		CC-2: Penilaian/deskripsi saat ini (dan masa depan) dari implikasi keuangan, bisnis dan peluang dari perubahan iklim. (EC 2)
2	Emisi Gas Rumah Kaca (GHG/Greenhouse Gas)	GHG-1: Deskripsi metodologi yang digunakan untuk menghitung emisi gas rumah kaca (misal protocol GRK atau ISO). (EN 18)
		GHG-2: Keberadaan verifikasi eksternal kuantitas emisi GRK oleh siapa dan atas dasar apa. (EN16)
		GHG-3: Total emisi gas rumah kaca (metrik ton CO ₂ -e) yang dihasilkan. (EN17)
		GHG-4: Pengungkapan lingkup 1 dan 2, atau 3 emisi GRK langsung. (EN18)
		GHG-5: Pengungkapan emisi GRK berdasarkan asal atau sumbernya (misalnya: batu bara, listrik, dll). (EN19)
		GHG-6: Pengungkapan emisi GRK berdasarkan fasilitas atau level segmen. (EN20)
		GHG-7: Perbandingan emisi GRK dengan tahun-tahun sebelumnya. (EN15)
3	Konsumsi Energi (EC/Energy Consumption)	EC-1: Jumlah energi yang dikonsumsi (misalnya tera-joule atau PETA-joule). (EN 3)
		EC-2: Kuantifikasi energi yang digunakan dari sumber daya yang dapat diperbaharui. (EN5)
		EC-3: Pengungkapan menurut jenis, fasilitas atau segmen.(G4 DMA)
4	Pengurangan Gas Rumah Kaca dan Biaya (RC/Reduction and Cost)	RC-1: Detail/rincian dari rencana atau strategi untuk mengurangi emisi GRK. (EN19)
		RC-2: Spesifikasi dari target tingkat/level dan tahun pengurangan emisi GRK. (EN16)
		RC-3: Pengurangan emisi dan biaya atau tabungan (costs or savings) yang dicapai saat ini sebagai akibat dari rencana pengurangan emisi karbon. (EN17)
		RC-4: Biaya emisi masa depan yang diperhitungkan dalam perencanaan belanja modal (capital expenditure planning). (EN18)

5	Akuntabilitas Emisi Karbon (AEC/Accountability of Emission Carbon)	<p>AEC-1: Indikasi dimana dewan komite (atau badan eksekutif lainnya) memiliki tanggung jawab atas tindakan yang berkaitan dengan perubahan iklim. (G4-1)</p> <p>AEC-2: Deskripsi mekanisme dimana dewan (atau badan eksekutif lainnya) meninjau kemajuan perusahaan mengenai perubahan iklim. (G4-13)</p>
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Lampiran 3 : Kriteria Emisi Langsung dan Tidak Langsung (Bahasa Inggris)

Scope 1	Direct green house gas (GHG) emissions. Direct GHG emissions occur from sources that are owned or controlled by the company – for example, emissions from combustion in owned or controlled boilers, furnaces, vehicles, etc. and emissions from chemical production in owned or controlled process equipment.
Scope 2	Electricity indirect GHG emissions. Scope 2 accounts for GHG emissions from the generation of purchased electricity consumed by the company. Purchased electricity is defined as electricity that is purchased or otherwise brought into the organisational boundary of the company. Scope 2 emissions physically occur at the facility in which electricity is generated.
Scope 3	Other indirect GHG emissions. Scope 3 is an optional reporting category that allows for the treatment of all other indirect emissions. Scope 3 emissions are a consequence of the activities of the company but occur from sources not owned or controlled by the company. Some examples of Scope 3 activities are the extraction and production of purchased materials, the transportation of purchased fuels and the use of sold products and services.

Lampiran 4 : Kriteria Emisi Langsung dan Tidak Langsung (Bahasa Indonesia)

Scope 1	Emisi GRK langsung	1	Emisi GRK terjadi dari sumber yang dikendalikan oleh perusahaan, misalnya emisi dari pembakaran, boiler, tungku, kendaraan yang dimiliki perusahaan, emisi dari produksi kimia pada peralatan yang dimiliki dan dikendalikan oleh perusahaan.
		2	Emisi CO ₂ langsung dari pembakaran biomassa tidak dimasukkan dalam lingkup 1 tetapi dilaporkan secara terpisah.
		3	Emisi GRK yang tidak terdapat pada Protokol Kyoto, misalnya CFC, NOX, dll sebaiknya tidak dimasukkan dalam lingkup 1 tetapi dilaporkan terpisah.
Scope 2	Emisi GRK secara tidak langsung yang berasal dari listrik	1	Mencakup emisi GRK dari pembangkit listrik yang dibeli atau dikonsumsi oleh perusahaan.
		2	Lingkup 2 secara fisik terjadi pada fasilitas dimana listrik dihasilkan.
Scope 3	Emisi GRK tidak langsung lainnya	1	Lingkup 3 adalah kategori pelaporan operasional yang memungkinkan untuk perlakuan semua emisi tidak langsung lainnya.
		2	Lingkup 3 adalah konsekuensi dari kegiatan perusahaan, tetapi terjadi dari sumber yang tidak dimiliki atau dikendalikan oleh perusahaan.
		3	Contoh lingkup 3 adalah kegiatan ekstraksi dan produksi bahan baku yang dibeli, transportasi dari bahan bakar yang dibeli, dan penggunaan produk dan jasa yang tidak dijual.

Lampiran 5 : Perusahaan yang Menjadi Sampel

No	Tahun	Nama Perusahaan	Kode
1	2016	PT Asahimas Flat Glass Tbk	AMFG
2	2016	PT Arwana Citra Mulia Tbk	ARNA
3	2016	PT Mulia Industrindo Tbk	MLIA
4	2016	PT Indal Alumunium Industry Tbk	INAI
5	2016	PT Gunawan Dianjaya Steel Tbk	GDST
6	2016	PT Steel Pipe Industry of Indonesia Tbk	ISSP
7	2016	PT Unggul Indah Cahaya Tbk	UNIC
8	2016	PT Charoen Pokphand Indonesia Tbk	CPIN
9	2016	PT Japfa Comfeed Indonesia Tbk	JPFA
10	2016	PT Malindo Feedmill Tbk	MAIN
11	2016	PT Astra International Tbk	ASII
12	2016	PT Tifico Fiber Indonesia Tbk	TFCO
13	2016	PT Voksel Electric Tbk	VOKS
14	2016	PT Sat Nusa Persada Tbk	PTSN
15	2016	PT Indofood Sukses Makmur Tbk	INDF
16	2016	PT Wilmar Cahaya Indonesia Tbk	CEKA
17	2016	PT Ultrajaya Milk Industry Tbk	ULTJ
18	2016	PT Gudang Garam Tbk	GGRM
19	2016	PT Kimia Farma Tbk	KAEF
20	2016	PT Kalbe Farma Tbk	KLBF
21	2016	PT Industri Jamu Farmasi Sido Muncul Tbk	SIDO
22	2016	PT Kino Indonesia Tbk	KINO
23	2016	PT Unilever Indonesia Tbk	UNVR
24	2016	PT Martina Berto Tbk	MBTO
25	2016	PT Pelat Timah Nusantara Tbk	NIKL
26	2016	PT Chandra Asri Petrochemical Tbk	TPIA
27	2017	PT Semen Indonesia Tbk	SMGR
28	2017	PT Arwana Citra Mulia Tbk	ARNA
29	2017	PT Indal Alumunium Industry Tbk	INAI
30	2017	PT Gunawan Dianjaya Steel Tbk	GDST
31	2017	PT Steel Pipe Industry of Indonesia Tbk	ISSP
32	2017	PT Unggul Indah Cahaya Tbk	UNIC
33	2017	PT Charoen Pokphand Indonesia Tbk	CPIN
34	2017	PT Japfa Comfeed Indonesia Tbk	JPFA
35	2017	PT Malindo Feedmill Tbk	MAIN
36	2017	PT Astra International Tbk	ASII
37	2017	PT Tifico Fiber Indonesia Tbk	TFCO
38	2017	PT KMI Wire and Cable Tbk	KBLI
39	2017	PT Voksel Electric Tbk	VOKS
40	2017	PT Sat Nusa Persada Tbk	PTSN
41	2017	PT Indofood Sukses Makmur Tbk	INDF
42	2017	PT Campina Ice Cream Tbk	CAMP

43	2017	PT Ultrajaya Milk Industry Tbk	ULTJ
44	2017	PT Gudang Garam Tbk	GGRM
45	2017	PT Kimia Farma Tbk	KAEF
46	2017	PT Kalbe Farma Tbk	KBLF
47	2017	PT Kino Indonesia Tbk	KINO
48	2017	PT Unilever Indonesia Tbk	UNVR
49	2017	PT Gajah Tunggal Tbk	GJTL
50	2017	PT Mayora Indonesia Tbk	MYOR
51	2017	PT Pelat Timah Nusantara Tbk	NIKL
52	2017	PT Chandra Asri Petrochemical Tbk	TPIA
53	2018	PT Semen Indonesia Tbk	SMGR
54	2018	PT Semen Baturaja Tbk	SMBR
55	2018	PT Asahimas Flat Glass Tbk	AMFG
56	2018	PT Arwana Citra Mulia Tbk	ARNA
57	2018	PT Indal Aluminium Industry Tbk	INAI
58	2018	PT Steel Pipe Industry of Indonesia Tbk	ISSP
59	2018	PT Unggul Indah Cahaya Tbk	UNIC
60	2018	PT Charoen Pokphand Indonesia Tbk	CPIN
61	2018	PT Japfa Comfeed Indonesia Tbk	JPFA
62	2018	PT Malindo Feedmill Tbk	MAIN
63	2018	PT Astra International Tbk	ASII
64	2018	PT Sri Rejeki Isman Tbk	SRIL
65	2018	PT Voksel Electric Tbk	VOKS
66	2018	PT Sat Nusa Persada Tbk	PTSN
67	2018	PT Indofood Sukses Makmur Tbk	INDF
68	2018	PT Garuda Food Putra Putri Jaya Tbk	GOOD
69	2018	PT Campina Ice Cream Tbk	CAMP
70	2018	PT Wilmar Cahaya Indonesia Tbk	CEKA
71	2018	PT Ultrajaya Milk Industry Tbk	ULTJ
72	2018	PT Gudang Garam Tbk	GGRM
73	2018	PT Kimia Farma Tbk	KAEF
74	2018	PT Kalbe Farma Tbk	KBLF
75	2018	PT Phapros Ord Tbk	PEHA
76	2018	PT Kino Indonesia Tbk	KINO
77	2018	PT Unilever Indonesia Tbk	UNVR
78	2018	PT Pelat Timah Nusantara Tbk	NIKL
79	2018	PT Barito Pacific Tbk	BRPT
80	2018	PT Chandra Asri Petrochemical Tbk	TPIA

23	2016	UNVR	1	1	0	0	1	0	0	0	1	1	1	0	1	0	1	0	1	0	0,5
24	2016	MBTO	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
25	2016	NIKL	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,111111111
26	2016	TPIA	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0,166666667
27	2017	SMGR	1	1	0	1	0	1	1	0	0	0	0	1	1	0	1	0	1	0	0,5
28	2017	ARNA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0,111111111
29	2017	INAI	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
30	2017	GDST	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,111111111
31	2017	ISSP	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0,166666667
32	2017	UNIC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
33	2017	CPIN	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
34	2017	JPFA	1	0	0	0	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0,444444444
35	2017	MAIN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
36	2017	ASII	1	1	0	0	1	0	0	0	1	1	0	1	0	1	1	0	1	0	0,5
37	2017	TFCO	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0,111111111
38	2017	KBLI	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
39	2017	VOKS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
40	2017	PTSN	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,111111111
41	2017	INDF	1	0	0	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0,277777778
42	2017	CAMP	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
43	2017	ULTJ	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
44	2017	GGRM	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0,111111111
45	2017	KAEF	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0,111111111
46	2017	KLBF	1	1	1	0	1	1	0	0	1	1	1	1	1	0	0	0	0	1	0,611111111

71	2018	ULTJ	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
72	2018	GGRM	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0,111111111
73	2018	KAEF	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0,111111111
74	2018	KLBF	1	1	1	0	1	1	0	0	1	1	1	1	1	0	1	0	1	0	0,666666667
75	2018	PEHA	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0,166666667
76	2018	KINO	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0,055555556
77	2018	UNVR	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	0	1	1	0,833333333
78	2018	NIKL	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0,111111111
79	2018	BRPT	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0,166666667
80	2018	TPIA	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0,166666667

Lampiran 7 : Input Dewan Komisaris Independen

No	Tahun	Kode	Jumlah Dewan Komisaris Independen	Jumlah Dewan Komisaris Keseluruhan	DKI
1	2016	AMFG	2	6	0,333333333
2	2016	ARNA	1	3	0,333333333
3	2016	MLIA	2	5	0,4
4	2016	INAI	2	4	0,5
5	2016	GDST	1	3	0,333333333
6	2016	ISSP	1	5	0,2
7	2016	UNIC	2	6	0,333333333
8	2016	CPIN	2	4	0,5
9	2016	JPFA	2	5	0,4
10	2016	MAIN	3	5	0,6
11	2016	ASII	4	12	0,333333333
12	2016	TFCO	0	3	0
13	2016	VOKS	2	7	0,285714286
14	2016	PTSN	1	3	0,333333333
15	2016	INDF	3	8	0,375
16	2016	CEKA	1	3	0,333333333
17	2016	ULTJ	1	3	0,333333333
18	2016	GGRM	2	4	0,5
19	2016	KAEF	2	5	0,4
20	2016	KLBF	3	7	0,428571429
21	2016	SIDO	1	3	0,333333333
22	2016	KINO	2	4	0,5
23	2016	UNVR	4	5	0,8
24	2016	MBTO	1	3	0,333333333
25	2016	NIKL	1	3	0,333333333
26	2016	TPIA	3	7	0,428571429
27	2017	SMGR	2	7	0,285714286
28	2017	ARNA	2	4	0,5
29	2017	INAI	1	4	0,25
30	2017	GDST	1	2	0,5
31	2017	ISSP	2	5	0,4
32	2017	UNIC	2	6	0,333333333
33	2017	CPIN	1	3	0,333333333
34	2017	JPFA	3	6	0,5
35	2017	MAIN	3	5	0,6
36	2017	ASII	6	13	0,461538462
37	2017	TFCO	0	3	0
38	2017	KBLI	2	6	0,333333333
39	2017	VOKS	3	6	0,5
40	2017	PTSN	2	4	0,5

41	2017	INDF	3	8	0,375
42	2017	CAMP	1	3	0,333333333
43	2017	ULTJ	1	3	0,333333333
44	2017	GGRM	2	4	0,5
45	2017	KAEF	2	5	0,4
46	2017	KBLF	3	7	0,428571429
47	2017	KINO	2	4	0,5
48	2017	UNVR	4	5	0,8
49	2017	GJTL	3	9	0,333333333
50	2017	MYOR	2	5	0,4
51	2017	NIKL	1	3	0,333333333
52	2017	TPIA	3	7	0,428571429
53	2018	SMGR	2	7	0,285714286
54	2018	SMBR	2	5	0,4
55	2018	AMFG	2	6	0,333333333
56	2018	ARNA	2	4	0,5
57	2018	INAI	1	3	0,333333333
58	2018	ISSP	2	5	0,4
59	2018	UNIC	2	6	0,333333333
60	2018	CPIN	1	3	0,333333333
61	2018	JPFA	3	6	0,5
62	2018	MAIN	3	5	0,6
63	2018	ASII	3	10	0,3
64	2018	SRIL	1	3	0,333333333
65	2018	VOKS	3	6	0,5
66	2018	PTSN	1	3	0,333333333
67	2018	INDF	3	8	0,375
68	2018	GOOD	1	3	0,333333333
69	2018	CAMP	1	3	0,333333333
70	2018	CEKA	1	3	0,333333333
71	2018	ULTJ	1	3	0,333333333
72	2018	GGRM	2	4	0,5
73	2018	KAEF	2	5	0,4
74	2018	KBLF	2	6	0,333333333
75	2018	PEHA	2	4	0,5
76	2018	KINO	2	4	0,5
77	2018	UNVR	4	5	0,8
78	2018	NIKL	1	3	0,333333333
79	2018	BRPT	1	3	0,333333333
80	2018	TPIA	3	8	0,375

Lampiran 8 : Input Keragaman Gender Dewan

No	Tahun	Kode	Jumlah Dewan Perempuan	Jumlah Dewan Keseluruhan	KGD
1	2016	AMFG	0	17	0
2	2016	ARNA	0	7	0
3	2016	MLIA	2	11	0,181818
4	2016	INAI	1	9	0,111111
5	2016	GDST	0	8	0
6	2016	ISSP	2	10	0,2
7	2016	UNIC	1	10	0,1
8	2016	CPIN	1	11	0,090909
9	2016	JPFA	1	10	0,1
10	2016	MAIN	0	13	0
11	2016	ASII	1	23	0,043478
12	2016	TFCO	0	9	0
13	2016	VOKS	2	13	0,153846
14	2016	PTSN	2	6	0,333333
15	2016	INDF	1	18	0,055556
16	2016	CEKA	2	7	0,285714
17	2016	ULTJ	0	6	0
18	2016	GGRM	2	11	0,181818
19	2016	KAEF	2	10	0,2
20	2016	KLBF	2	12	0,166667
21	2016	SIDO	1	8	0,125
22	2016	KINO	0	9	0
23	2016	UNVR	5	15	0,333333
24	2016	MBTO	2	7	0,285714
25	2016	NIKL	1	8	0,125
26	2016	TPIA	1	14	0,071429
27	2017	SMGR	0	14	0
28	2017	ARNA	0	8	0
29	2017	INAI	1	9	0,111111111
30	2017	GDST	0	7	0
31	2017	ISSP	2	10	0,2
32	2017	UNIC	1	10	0,1
33	2017	CPIN	1	10	0,1
34	2017	JPFA	1	11	0,090909091
35	2017	MAIN	0	12	0
36	2017	ASII	2	22	0,090909091
37	2017	TFCO	0	9	0
38	2017	KBLI	1	11	0,090909091
39	2017	VOKS	2	12	0,166666667
40	2017	PTSN	2	7	0,285714286

41	2017	INDF	1	18	0,055555556
42	2017	CAMP	0	8	0
43	2017	ULTJ	0	6	0
44	2017	GGRM	2	11	0,181818182
45	2017	KAEF	1	10	0,1
46	2017	KBLF	2	13	0,153846154
47	2017	KINO	0	9	0
48	2017	UNVR	4	15	0,266666667
49	2017	GJTL	2	19	0,105263158
50	2017	MYOR	0	10	0
51	2017	NIKL	1	7	0,142857143
52	2017	TPIA	1	14	0,071428571
53	2018	SMGR	1	14	0,071428571
54	2018	SMBR	1	10	0,1
55	2018	AMFG	0	17	0
56	2018	ARNA	0	8	0
57	2018	INAI	0	8	0
58	2018	ISSP	2	10	0,2
59	2018	UNIC	1	10	0,1
60	2018	CPIN	1	9	0,111111111
61	2018	JPFA	1	11	0,090909091
62	2018	MAIN	0	12	0
63	2018	ASII	2	20	0,1
64	2018	SRIL	2	10	0,2
65	2018	VOKS	2	12	0,166666667
66	2018	PTSN	2	6	0,333333333
67	2018	INDF	0	17	0
68	2018	GOOD	0	9	0
69	2018	CAMP	0	8	0
70	2018	CEKA	1	7	0,142857143
71	2018	ULTJ	0	6	0
72	2018	GGRM	2	11	0,181818182
73	2018	KAEF	1	10	0,1
74	2018	KBLF	2	12	0,166666667
75	2018	PEHA	2	9	0,222222222
76	2018	KINO	0	11	0
77	2018	UNVR	4	15	0,266666667
78	2018	NIKL	1	7	0,142857143
79	2018	BRPT	1	7	0,142857143
80	2018	TPIA	1	16	0,0625

Lampiran 9 : Input Dewan Asing

No	Tahun	Kode	Jumlah Dewan Asing	Jumlah Dewan Keseluruhan	DA
1	2016	AMFG	9	17	0,529411765
2	2016	ARNA	0	7	0
3	2016	MLIA	2	11	0,181818182
4	2016	INAI	0	9	0
5	2016	GDST	3	8	0,375
6	2016	ISSP	0	10	0
7	2016	UNIC	0	10	0
8	2016	CPIN	2	11	0,181818182
9	2016	JPFA	2	10	0,2
10	2016	MAIN	10	13	0,769230769
11	2016	ASII	8	23	0,347826087
12	2016	TFCO	1	9	0,111111111
13	2016	VOKS	5	13	0,384615385
14	2016	PTSN	0	6	0
15	2016	INDF	5	18	0,277777778
16	2016	CEKA	0	7	0
17	2016	ULTJ	0	6	0
18	2016	GGRM	1	11	0,090909091
19	2016	KAEF	0	10	0
20	2016	KLBF	0	12	0
21	2016	SIDO	0	8	0
22	2016	KINO	0	9	0
23	2016	UNVR	4	15	0,266666667
24	2016	MBTO	0	7	0
25	2016	NIKL	3	8	0,375
26	2016	TPIA	7	14	0,5
27	2017	SMGR	0	14	0
28	2017	ARNA	0	8	0
29	2017	INAI	0	9	0
30	2017	GDST	2	7	0,285714286
31	2017	ISSP	0	10	0
32	2017	UNIC	0	10	0
33	2017	CPIN	2	10	0,2
34	2017	JPFA	2	11	0,181818182
35	2017	MAIN	10	12	0,833333333
36	2017	ASII	8	22	0,363636364
37	2017	TFCO	1	9	0,111111111
38	2017	KBLI	1	11	0,090909091
39	2017	VOKS	4	12	0,333333333
40	2017	PTSN	0	7	0
41	2017	INDF	5	18	0,277777778

42	2017	CAMP	1	8	0,125
43	2017	ULTJ	0	6	0
44	2017	GGRM	1	11	0,090909091
45	2017	KAEF	0	10	0
46	2017	KBLF	0	13	0
47	2017	KINO	0	9	0
48	2017	UNVR	4	15	0,266666667
49	2017	GJTL	7	19	0,368421053
50	2017	MYOR	0	10	0
51	2017	NIKL	3	7	0,428571429
52	2017	TPIA	7	14	0,5
53	2018	SMGR	0	14	0
54	2018	SMBR	0	6	0
55	2018	AMFG	9	17	0,529411765
56	2018	ARNA	0	8	0
57	2018	INAI	0	8	0
58	2018	ISSP	0	10	0
59	2018	UNIC	0	10	0
60	2018	CPIN	1	9	0,111111111
61	2018	JPFA	2	11	0,181818182
62	2018	MAIN	9	12	0,75
63	2018	ASII	8	20	0,4
64	2018	SRIL	0	10	0
65	2018	VOKS	4	12	0,333333333
66	2018	PTSN	0	6	0
67	2018	INDF	4	17	0,235294118
68	2018	GOOD	0	9	0
69	2018	CAMP	1	8	0,125
70	2018	CEKA	0	7	0
71	2018	ULTJ	0	6	0
72	2018	GGRM	1	11	0,090909091
73	2018	KAEF	0	10	0
74	2018	KBLF	0	12	0
75	2018	PEHA	0	9	0
76	2018	KINO	0	11	0
77	2018	UNVR	5	15	0,333333333
78	2018	NIKL	3	7	0,428571429
79	2018	BRPT	0	7	0
80	2018	TPIA	9	16	0,5625

Lampiran 10: Input Kepemilikan Manajerial

No	Tahun	Kode	Jumlah Saham Manajerial	Jumlah Saham Beredar	KM
1	2016	AMFG	20.000	434.000.000	0,0000460829
2	2016	ARNA	2.740.000.000	7.341.430.976	0,37322424
3	2016	MLIA	353.200	1.271.994.200	0,000277674
4	2016	INAI	2.238.100	316.800.000	0,00706471
5	2016	GDST	1.115.500	8.200.000.000	0,000136037
6	2016	ISSP	500.000	7.071.923.935	0,0000707021
7	2016	UNIC	318.509	383.331.363	0,000830897
8	2016	CPIN	352.600	16.398.000.000	0,0000215026
9	2016	JPFA	121.957.200	11.390.198.170	0,010707206
10	2016	MAIN	3.337.200	2.238.750.000	0,001490653
11	2016	ASII	16.190.000	40.483.553.140	0,000399915
12	2016	TFCO	4.735.282	4.823.076.400	0,000981797
13	2016	VOKS	78.876.500	831.120.519	0,094903805
14	2016	PTSN	1.240.060.000	1.417.158.500	0,87503268
15	2016	INDF	1.380.020	8.780.426.500	0,00015717
16	2016	CEKA	4.500.000	595.000.000	0,007563025
17	2016	ULTJ	331.828.800	2.888.382.000	0,114883973
18	2016	GGRM	12.946.930	1.924.088.000	0,006728866
19	2016	KAEF	126	5.554.000.000	0,0000000226864
20	2016	KLBF	4.372.500	46.875.122.110	0,0000932798
21	2016	SIDO	4.860.000.000	14.879.469.100	0,326624557
22	2016	KINO	150.000.000	1.428.571.500	0,104999995
23	2016	UNVR	5.034	7.630.000.000	0,000000659764
24	2016	MBTO	884.500	1.070.000.000	0,000826636
25	2016	NIKL	291.000	2.523.350.000	0,000115323
26	2016	TPIA	1.907.200	3.286.962.558	0,000580232
27	2017	SMGR	3.500	5.931.520.000	0,000000590068
28	2017	ARNA	2.740.000.000	7.341.430.976	0,37322424
29	2017	INAI	5.595.100	633.600.000	0,00883065
30	2017	GDST	1.115.500	8.200.000.000	0,000136037
31	2017	ISSP	500.000	7.185.992.035	0,0000695798
32	2017	UNIC	318.509	383.331.363	0,000830897
33	2017	CPIN	523.600	16.398.000.000	0,0000319307
34	2017	JPFA	174.175.200	11.386.157.970	0,0152971
35	2017	MAIN	3.748.700	2.238.750.000	0,001674461
36	2017	ASII	16.190.000	40.483.553.140	0,000399915
37	2017	TFCO	563.546.642	4.823.076.400	0,116843814
38	2017	KBLI	1.150.000	4.007.235.107	0,000286981
39	2017	VOKS	849.050.985	4.155.602.595	0,204314769
40	2017	PTSN	1.240.060.000	1.417.158.500	0,87503268

41	2017	INDF	1.380.020	8.780.426.500	0,00015717
42	2017	CAMP	35.200.000	5.885.000.000	0,005981308
43	2017	ULTJ	3.910.143.100	11.553.528.000	0,338437151
44	2017	GGRM	12.946.930	1.924.088.000	0,006728866
45	2017	KAEF	42.500	5.554.000.000	0,00000765214
46	2017	KBLF	4.372.500	46.875.122.110	0,0000932798
47	2017	KINO	151.356.800	1.428.571.500	0,105949755
48	2017	UNVR	511	7.630.000.000	0,0000000669725
49	2017	GJTL	39.301.200	3.484.408.600	0,011279159
50	2017	MYOR	5.638.935.100	22.358.699.725	0,252203177
51	2017	NIKL	291.000	2.523.350.000	0,000115323
52	2017	TPIA	16.391.775	17.833.520.260	0,000919155
53	2018	SMGR	3.500	5.931.520.000	0,000000590068
54	2018	SMBR	127.000	9.924.797.283	0,0000127962
55	2018	AMFG	80.000	434.000.000	0,000184332
56	2018	ARNA	2.740.000.000	7.332.150.676	0,37369663
57	2018	INAI	5.913.100	633.600.000	0,009332544
58	2018	ISSP	200.000	7.185.992.035	0,0000278319
59	2018	UNIC	318.509	383.331.363	0,000830897
60	2018	CPIN	59.500	16.398.000.000	0,00000362849
61	2018	JPFA	167.904.100	11.717.177.201	0,01432974
62	2018	MAIN	6.951.400	2.238.750.000	0,003105036
63	2018	ASII	20.111.900	40.483.553.140	0,000496792
64	2018	SRIL	6.660.000	20.452.176.844	0,000325638
65	2018	VOKS	858.971.445	4.155.602.595	0,206702019
66	2018	PTSN	1.240.060.000	1.594.303.300	0,777806833
67	2018	INDF	1.461.020	8.780.426.500	0,000166395
68	2018	GOOD	757.938.001	7.379.580.291	0,102707467
69	2018	CAMP	35.200.000	5.885.000.000	0,005981308
70	2018	CEKA	4.500.000	595.000.000	0,007563025
71	2018	ULTJ	3.986.948.900	11.553.528.000	0,345084973
72	2018	GGRM	12.946.930	1.924.088.000	0,006728866
73	2018	KAEF	42.500	5.554.000.000	0,00000765214
74	2018	KBLF	37.940.500	46.875.122.110	0,000809395
75	2018	PEHA	77.472.800	840.000.000	0,092229524
76	2018	KINO	153.623.000	1.428.571.500	0,107536095
77	2018	UNVR	9.911	7.630.000.000	0,00000129895
78	2018	NIKL	291.000	2.523.350.000	0,000115323
79	2018	BRPT	13.023.999.643	17.691.099.678	0,736189377
80	2018	TPIA	24.863.775	17.833.520.260	0,001394216

Lampiran 11 : Input Kepemilikan Publik

No	Tahun	Kode	Jumlah Saham Publik	Jumlah Saham yang Beredar	KP
1	2016	AMFG	64.508.300	434.000.000	0,148637
2	2016	ARNA	3.575.980.976	7.341.430.976	0,487096
3	2016	MLIA	183.040.578	1.271.994.200	0,1439
4	2016	INAI	67.495.200	316.800.000	0,213053
5	2016	GDST	162.795.100	8.200.000.000	0,019853
6	2016	ISSP	3.051.360.005	7.071.923.935	0,431475
7	2016	UNIC	118.908.009	383.331.363	0,310196
8	2016	CPIN	7.291.261.990	16.398.000.000	0,444643
9	2016	JPFA	4.204.166.835	11.390.198.170	0,369104
10	2016	MAIN	957.306.858	2.238.750.000	0,427608
11	2016	ASII	20.179.108.100	40.483.553.140	0,498452
12	2016	TFCO	51.148.874	4.823.076.400	0,010605
13	2016	VOKS	306.743.477	831.120.519	0,369072
14	2016	PTSN	177.098.500	1.417.158.500	0,124967
15	2016	INDF	4.382.943.030	8.780.426.500	0,499172
16	2016	CEKA	43.029.000	595.000.000	0,072318
17	2016	ULTJ	1.485.204.635	2.888.382.000	0,5142
18	2016	GGRM	457.551.570	1.924.088.000	0,237802
19	2016	KAEF	553.875.000	5.554.000.000	0,099725
20	2016	KLBF	20.303.117.025	46.875.122.110	0,433132
21	2016	SIDO	2.729.469.100	14.879.469.100	0,183439
22	2016	KINO	137.349.600	1.428.571.500	0,096145
23	2016	UNVR	1.145.122.500	7.630.000.000	0,150082
24	2016	MBTO	344.187.000	1.070.000.000	0,32167
25	2016	NIKL	167.318.450	2.523.350.000	0,066308
26	2016	TPIA	104.738.007	3.286.962.558	0,031865
27	2017	SMGR	2.906.114.000	5.931.520.000	0,48994423
28	2017	ARNA	3.575.280.976	7.341.430.976	0,487000557
29	2017	INAI	133.875.500	633.600.000	0,211293403
30	2017	GDST	162.795.100	8.200.000.000	0,019853061
31	2017	ISSP	3.051.860.005	7.185.992.035	0,424695712
32	2017	UNIC	118.365.393	383.331.363	0,308780873
33	2017	CPIN	7.291.090.990	16.398.000.000	0,444632942
34	2017	JPFA	4.200.126.635	11.386.157.970	0,36888006
35	2017	MAIN	956.606.858	2.238.750.000	0,427295079
36	2017	ASII	20.288.255.040	40.483.553.140	0,501148083
37	2017	TFCO	1.579.786.268	4.823.076.400	0,327547428
38	2017	KBLI	1.800.608.108	4.007.235.107	0,449339273
39	2017	VOKS	1.505.692.385	4.155.602.595	0,362328291
40	2017	PTSN	177.098.500	1.417.158.500	0,12496732

41	2017	INDF	4.382.943.030	8.780.426.500	0,499171997
42	2017	CAMP	885.000.000	5.885.000.000	0,150382328
43	2017	ULTJ	3.384.796.640	11.553.528.000	0,292966498
44	2017	GGRM	457.551.570	1.924.088.000	0,23780179
45	2017	KAEF	545.930.500	5.554.000.000	0,098295013
46	2017	KBLF	20.261.045.725	46.875.122.110	0,432234516
47	2017	KINO	131.668.000	1.428.571.500	0,092167595
48	2017	UNVR	1.145.122.500	7.630.000.000	0,150081586
49	2017	GJTL	1.367.804.937	3.484.408.600	0,392550098
50	2017	MYOR	3.512.393.900	22.358.699.725	0,157092941
51	2017	NIKL	372.401.650	2.523.350.000	0,147582242
52	2017	TPIA	1.485.394.055	17.833.520.260	0,083292252
53	2018	SMGR	2.906.110.500	5.931.520.000	0,48994364
54	2018	SMBR	2.424.797.283	9.924.797.283	0,244317059
55	2018	AMFG	65.761.300	434.000.000	0,151523733
56	2018	ARNA	3.565.762.676	7.332.150.676	0,486318794
57	2018	INAI	133.952.500	633.600.000	0,211414931
58	2018	ISSP	3.051.860.005	7.185.992.035	0,424695712
59	2018	UNIC	160.365.393	383.331.363	0,418346654
60	2018	CPIN	7.291.614.590	16.398.000.000	0,444664873
61	2018	JPFA	4.202.396.835	11.717.177.201	0,358652665
62	2018	MAIN	956.606.858	2.238.750.000	0,427295079
63	2018	ASII	20.175.108.100	40.483.553.140	0,498353196
64	2018	SRIL	8.158.734.000	20.452.176.844	0,398917634
65	2018	VOKS	1.272.925.025	4.155.602.595	0,306315389
66	2018	PTSN	177.098.500	1.594.303.300	0,111082063
67	2018	INDF	4.382.862.030	8.780.426.500	0,499162772
68	2018	GOOD	256.533.200	7.379.580.291	0,034762573
69	2018	CAMP	885.000.000	5.885.000.000	0,150382328
70	2018	CEKA	43.029.000	595.000.000	0,072317647
71	2018	ULTJ	3.373.240.840	11.553.528.000	0,291966302
72	2018	GGRM	457.551.570	1.924.088.000	0,23780179
73	2018	KAEF	553.957.500	5.554.000.000	0,099740277
74	2018	KBLF	20.172.466.025	46.875.122.110	0,430344821
75	2018	PEHA	285.625.340	840.000.000	0,340030167
76	2018	KINO	128.835.700	1.428.571.500	0,090184985
77	2018	UNVR	1.145.122.500	7.630.000.000	0,150081586
78	2018	NIKL	390.532.650	2.523.350.000	0,154767531
79	2018	BRPT	1.847.163.493	17.691.099.678	0,104412022
80	2018	TPIA	2.346.437.360	17.833.520.260	0,131574548

Lampiran 12 : Input Kinerja Lingkungan

No	Tahun	Kode	Peringkat Proper (Warna)	Skor
1	2016	AMFG	Biru	3
2	2016	ARNA	Biru	3
3	2016	MLIA	Biru	3
4	2016	INAI	Biru	3
5	2016	GDST	Biru	3
6	2016	ISSP	Biru	3
7	2016	UNIC	Biru	3
8	2016	CPIN	Biru	3
9	2016	JPFA	Biru	3
10	2016	MAIN	Biru	3
11	2016	ASII	Biru	3
12	2016	TFCO	Biru	3
13	2016	VOKS	Biru	3
14	2016	PTSN	Biru	3
15	2016	INDF	Biru	3
16	2016	CEKA	Biru	3
17	2016	ULTJ	Biru	3
18	2016	GGRM	Biru	3
19	2016	KAEF	Biru	3
20	2016	KLBF	Biru	3
21	2016	SIDO	Hijau	4
22	2016	KINO	Biru	3
23	2016	UNVR	Biru	3
24	2016	MBTO	Biru	3
25	2016	NIKL	Biru	3
26	2016	TPIA	Biru	3
27	2017	SMGR	Hijau	4
28	2017	ARNA	Biru	3
29	2017	INAI	Biru	3
30	2017	GDST	Biru	3
31	2017	ISSP	Biru	3
32	2017	UNIC	Biru	3
33	2017	CPIN	Biru	3
34	2017	JPFA	Biru	3
35	2017	MAIN	Biru	3
36	2017	ASII	Biru	3
37	2017	TFCO	Biru	3
38	2017	KBLI	Merah	2
39	2017	VOKS	Biru	3
40	2017	PTSN	Biru	3

41	2017	INDF	Biru	3
42	2017	CAMP	Biru	3
43	2017	ULTJ	Biru	3
44	2017	GGRM	Biru	3
45	2017	KAEF	Biru	3
46	2017	KBLF	Biru	3
47	2017	KINO	Biru	3
48	2017	UNVR	Biru	3
49	2017	GJTL	Biru	3
50	2017	MYOR	Biru	3
51	2017	NIKL	Biru	3
52	2017	TPIA	Biru	3
53	2018	SMGR	Hijau	4
54	2018	SMBR	Hijau	4
55	2018	AMFG	Biru	3
56	2018	ARNA	Biru	3
57	2018	INAI	Biru	3
58	2018	ISSP	Biru	3
59	2018	UNIC	Biru	3
60	2018	CPIN	Biru	3
61	2018	JPFA	Biru	3
62	2018	MAIN	Biru	3
63	2018	ASII	Biru	3
64	2018	SRIL	Biru	3
65	2018	VOKS	Biru	3
66	2018	PTSN	Biru	3
67	2018	INDF	Biru	3
68	2018	GOOD	Biru	3
69	2018	CAMP	Biru	3
70	2018	CEKA	Biru	3
71	2018	ULTJ	Biru	3
72	2018	GGRM	Biru	3
73	2018	KAEF	Biru	3
74	2018	KBLF	Hijau	4
75	2018	PEHA	Biru	3
76	2018	KINO	Biru	3
77	2018	UNVR	Biru	3
78	2018	NIKL	Biru	3
79	2018	BRPT	Biru	3
80	2018	TPIA	Hijau	4

Lampiran 13 : Input Profitabilitas

No	Tahun	Kode	Laba Bersih	Total Aset	Pft
1	2016	AMFG	260.444.000.000	5.504.890.000.000	0,04731139
2	2016	ARNA	91.375.910.975	1.543.216.299.146	0,059211344
3	2016	MLIA	9.039.563.000	7.723.578.677.000	0,001170385
4	2016	INAI	35.552.975.244	1.339.032.413.455	0,026551243
5	2016	GDST	31.704.557.018	1.257.609.869.910	0,025210169
6	2016	ISSP	126.942.000.000	6.041.811.000.000	0,021010588
7	2016	UNIC	283.798.900.336	3.048.811.653.604	0,093085088
8	2016	CPIN	2.225.402.000.000	24.204.994.000.000	0,091939787
9	2016	JPFA	2.171.608.000.000	19.251.026.000.000	0,112804793
10	2016	MAIN	290.230.477.000	3.919.764.494.000	0,074042835
11	2016	ASII	18.302.000.000.000	261.855.000.000.000	0,069893643
12	2016	TFCO	88.960.971.429	4.604.056.371.429	0,019322303
13	2016	VOKS	160.045.873.393	1.668.210.094.478	0,095938679
14	2016	PTSN	16.186.357.527	887.367.647.849	0,01824087
15	2016	INDF	5.266.906.000.000	82.174.515.000.000	0,064094154
16	2016	CEKA	249.697.013.626	1.425.964.152.418	0,175107497
17	2016	ULTJ	709.825.635.742	4.239.199.641.365	0,167443314
18	2016	GGRM	6.672.682.000.000	62.951.634.000.000	0,105996963
19	2016	KAEF	271.597.947.663	4.612.562.541.064	0,058882225
20	2016	KLBF	2.350.884.933.551	15.226.009.210.657	0,154399285
21	2016	SIDO	480.525.000.000	2.987.614.000.000	0,160839051
22	2016	KINO	181.110.153.810	3.284.504.424.358	0,055140785
23	2016	UNVR	6.390.672.000.000	16.745.695.000.000	0,381630742
24	2016	MBTO	8.813.611.079	709.959.168.088	0,012414251
25	2016	NIKL	18.261.807.964	1.607.855.256.634	0,011357868
26	2016	TPIA	4.055.743.243.243	28.773.905.405.405	0,14095213
27	2017	SMGR	2.043.025.914.000	48.963.502.966.000	0,041725485
28	2017	ARNA	122.183.909.643	1.601.346.561.573	0,076300729
29	2017	INAI	38.651.704.520	1.213.916.545.120	0,031840496
30	2017	GDST	10.284.697.314	1.286.954.720.465	0,007991499
31	2017	ISSP	8.634.000.000	6.269.365.000.000	0,001377173
32	2017	UNIC	161.646.593.652	3.031.323.678.600	0,053325415
33	2017	CPIN	2.496.787.000.000	24.552.593.000.000	0,101691377
34	2017	JPFA	1.107.810.000.000	21.088.870.000.000	0,052530553
35	2017	MAIN	48.698.329.000	4.072.245.477.000	0,011958594
36	2017	ASII	23.165.000.000.000	295.646.000.000.000	0,078353842
37	2017	TFCO	46.745.842.857	4.730.977.514.286	0,0098808
38	2017	KBLI	358.974.051.474	3.013.760.616.985	0,119111667
39	2017	VOKS	166.204.959.339	2.110.166.496.595	0,078763908
40	2017	PTSN	6.672.452.575	910.619.078.591	0,007327381
41	2017	INDF	5.145.063.000.000	87.939.488.000.000	0,058506856
42	2017	CAMP	43.421.734.614	1.211.184.522.659	0,035850635

43	2017	ULTJ	711.681.000.000	5.186.940.000.000	0,13720633
44	2017	GGRM	7.755.347.000.000	66.759.930.000.000	0,116167692
45	2017	KAEF	331.708.000.000	6.096.149.000.000	0,054412712
46	2017	KBLF	2.453.251.410.604	16.616.239.416.335	0,147641795
47	2017	KINO	109.696.001.798	3.237.595.219.274	0,033881938
48	2017	UNVR	7.004.562.000.000	18.906.413.000.000	0,370486036
49	2017	GJTL	45.028.000.000	18.191.176.000.000	0,002475266
50	2017	MYOR	1.630.953.830.893	14.915.849.800.251	0,109343675
51	2017	NIKL	18.414.048.708	1.708.712.249.868	0,010776565
52	2017	TPIA	4.312.891.891.892	40.368.972.972.973	0,1068368
53	2018	SMGR	3.085.704.236.000	51.155.890.227.000	0,060319627
54	2018	SMBR	76.074.721.000	5.538.079.503.000	0,013736661
55	2018	AMFG	6.596.000.000	8.432.632.000.000	0,000782199
56	2018	ARNA	158.207.798.602	1.652.905.985.730	0,095714941
57	2018	INAI	40.463.141.352	1.400.683.598.096	0,028888138
58	2018	ISSP	48.741.000.000	6.494.070.000.000	0,007505463
59	2018	UNIC	250.240.803.030	3.423.458.828.628	0,0730959
60	2018	CPIN	4.551.485.000.000	27.645.118.000.000	0,164639739
61	2018	JPFA	2.253.201.000.000	23.038.028.000.000	0,097803553
62	2018	MAIN	284.246.878.000	4.335.844.455.000	0,065557444
63	2018	ASII	27.372.000.000.000	344.711.000.000.000	0,079405647
64	2018	SRIL	1.225.449.753.623	19.772.057.840.580	0,061978868
65	2018	VOKS	105.468.744.587	2.485.382.578.010	0,042435618
66	2018	PTSN	173.666.700.434	4.161.738.639.653	0,041729363
67	2018	INDF	4.961.851.000.000	96.537.796.000.000	0,051398014
68	2018	GOOD	440.977.350.568	4.212.408.305.683	0,104685329
69	2018	CAMP	61.947.295.689	1.004.275.813.783	0,061683548
70	2018	CEKA	92.649.656.775	1.168.956.042.706	0,079258461
71	2018	ULTJ	701.607.000.000	5.555.871.000.000	0,12628209
72	2018	GGRM	7.793.068.000.000	69.097.219.000.000	0,112784105
73	2018	KAEF	401.792.808.948	9.460.427.317.681	0,042470894
74	2018	KBLF	2.497.261.964.757	18.146.206.145.369	0,137618957
75	2018	PEHA	133.292.514.000	1.868.663.546.000	0,071330398
76	2018	KINO	150.116.045.042	3.592.164.205.408	0,041789862
77	2018	UNVR	9.109.445.000.000	19.522.970.000.000	0,466601393
78	2018	NIKL	22.261.091.022	2.139.961.806.972	0,010402565
79	2018	BRPT	3.505.357.746.000	101.982.312.171.000	0,034372213
80	2018	TPIA	2.642.260.869.565	45.992.550.724.638	0,057449757

Lampiran 14 : Input Ukuran Perusahaan (Ln Total Aset)

No	Tahun	Kode	Total Aset	Ln Total Aset
1	2016	AMFG	5.504.890.000.000	29,3366579
2	2016	ARNA	1.543.216.299.146	28,06488986
3	2016	MLIA	7.723.578.677.000	29,67529893
4	2016	INAI	1.339.032.413.455	27,92296839
5	2016	GDST	1.257.609.869.910	27,86023411
6	2016	ISSP	6.041.811.000.000	29,42972492
7	2016	UNIC	3.048.811.653.604	28,74577301
8	2016	CPIN	24.204.994.000.000	30,81758009
9	2016	JPFA	19.251.026.000.000	30,58858547
10	2016	MAIN	3.919.764.494.000	28,99705269
11	2016	ASII	261.855.000.000.000	33,19881203
12	2016	TFCO	4.604.056.371.429	29,15795885
13	2016	VOKS	1.668.210.094.478	28,14277237
14	2016	PTSN	887.367.647.849	27,51152522
15	2016	INDF	82.174.515.000.000	32,03986633
16	2016	CEKA	1.425.964.152.418	27,9858693
17	2016	ULTJ	4.239.199.641.365	29,0753956
18	2016	GGRM	62.951.634.000.000	31,77338783
19	2016	KAEF	4.612.562.541.064	29,15980468
20	2016	KLBF	15.226.009.210.657	30,35402621
21	2016	SIDO	2.987.614.000.000	28,72549619
22	2016	KINO	3.284.504.424.358	28,8202369
23	2016	UNVR	16.745.695.000.000	30,44916233
24	2016	MBTO	709.959.168.088	27,2884733
25	2016	NIKL	1.607.855.256.634	28,10592227
26	2016	TPIA	28.773.905.405.405	30,99049003
27	2017	SMGR	48.963.502.966.000	31,5220963
28	2017	ARNA	1.601.346.561.573	28,10186599
29	2017	INAI	1.213.916.545.120	27,82487306
30	2017	GDST	1.286.954.720.465	27,88329986
31	2017	ISSP	6.269.365.000.000	29,46669619
32	2017	UNIC	3.031.323.678.600	28,7400205
33	2017	CPIN	24.552.593.000.000	30,83183859
34	2017	JPFA	21.088.870.000.000	30,67976653
35	2017	MAIN	4.072.245.477.000	29,03521568
36	2017	ASII	295.646.000.000.000	33,32018391
37	2017	TFCO	4.730.977.514.286	29,18515296
38	2017	KBLI	3.013.760.616.985	28,73420979
39	2017	VOKS	2.110.166.496.595	28,37778797
40	2017	PTSN	910.619.078.591	27,53739051
41	2017	INDF	87.939.488.000.000	32,10767006
42	2017	CAMP	1.211.184.522.659	27,82261994

43	2017	ULTJ	5.186.940.000.000	29,27716504
44	2017	GGRM	66.759.930.000.000	31,83212417
45	2017	KAEF	6.096.149.000.000	29,43867838
46	2017	KBLF	16.616.239.416.335	30,44140161
47	2017	KINO	3.237.595.219.274	28,80585195
48	2017	UNVR	18.906.413.000.000	30,57052229
49	2017	GJTL	18.191.176.000.000	30,53195776
50	2017	MYOR	14.915.849.800.251	30,33344551
51	2017	NIKL	1.708.712.249.868	28,16676113
52	2017	TPIA	40.368.972.972.973	31,32908261
53	2018	SMGR	51.155.890.227.000	31,56589876
54	2018	SMBR	5.538.079.503.000	29,3426689
55	2018	AMFG	8.432.632.000.000	29,76313006
56	2018	ARNA	1.652.905.985.730	28,13355606
57	2018	INAI	1.400.683.598.096	27,96798152
58	2018	ISSP	6.494.070.000.000	29,50191057
59	2018	UNIC	3.423.458.828.628	28,86167251
60	2018	CPIN	27.645.118.000.000	30,95047026
61	2018	JPFA	23.038.028.000.000	30,76816736
62	2018	MAIN	4.335.844.455.000	29,09793751
63	2018	ASII	344.711.000.000.000	33,4737275
64	2018	SRIL	19.772.057.840.580	30,61529084
65	2018	VOKS	2.485.382.578.010	28,54144772
66	2018	PTSN	4.161.738.639.653	29,05695405
67	2018	INDF	96.537.796.000.000	32,20095572
68	2018	GOOD	4.212.408.305.683	29,06905564
69	2018	CAMP	1.004.275.813.783	27,63528781
70	2018	CEKA	1.168.956.042.706	27,7871322
71	2018	ULTJ	5.555.871.000.000	29,34587632
72	2018	GGRM	69.097.219.000.000	31,8665356
73	2018	KAEF	9.460.427.317.681	29,87813867
74	2018	KBLF	18.146.206.145.369	30,52948263
75	2018	PEHA	1.868.663.546.000	28,25624461
76	2018	KINO	3.592.164.205.408	28,90977598
77	2018	UNVR	19.522.970.000.000	30,60261284
78	2018	NIKL	2.139.961.806.972	28,3918091
79	2018	BRPT	101.982.312.171.000	32,2558205
80	2018	TPIA	45.992.550.724.638	31,45950056

Lampiran 15 : Output SPSS Statistik Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
CED	80	.055555556	.888888889	.17638888907	.194223301903
DKI	80	.000000000	.800000000	.39895375449	.130671400151
KGD	80	.000000000	.333333333	.10450344651	.094563374169
DA	80	.000000000	.833333333	.16412086371	.210385146552
KM	80	.0000000227	.8750326800	.087999719638	.1966620269383
KP	80	.010605031	.514199519	.27681518047	.159457460242
KL	80	2.00	4.00	3.0625	.29095
Pft	80	.000782199	.466601393	.07914346685	.079859446581
UP	80	27.28847330	33.47372750	29.6493085613	1.52042392528
Valid N (listwise)	80				

Lampiran 16 : Output SPSS Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		80
Normal Parameters ^{a,b}	Mean	.0000000
	Std. Deviation	.13578602
Most Extreme Differences	Absolute	.090
	Positive	.090
	Negative	-.059
Test Statistic		.090
Asymp. Sig. (2-tailed)		.169 ^c

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

Lampiran 17 : Output SPSS Uji Multikolineartitas

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	-1.874	.371		-5.056	.000		
	DKI	.132	.160	.089	.824	.413	.596	1.677
	KGD	.278	.192	.135	1.450	.151	.790	1.266
	DA	.023	.089	.025	.262	.794	.745	1.343
	KM	-.056	.090	-.057	-.628	.532	.832	1.202
	KP	.127	.110	.104	1.150	.254	.844	1.185
	KL	.198	.057	.297	3.479	.001	.944	1.059
	Pft	.750	.261	.308	2.871	.005	.597	1.675
	UP	.043	.012	.335	3.448	.001	.729	1.371

a. Dependent Variable: CED

Lampiran 18 : Output SPSS Uji Autokorelasi

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.715 ^a	.511	.456	.143231789589	2.058

a. Predictors: (Constant), UP, KGD, KL, DKI, KM, KP, DA, Pft

b. Dependent Variable: CED

Lampiran 19 : Output SPSS Uji Heteroskedastisitas

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
1 (Constant)	-.676	.190		-3.554	.001		
DKI	-.118	.082	-.171	-1.436	.156	.596	1.677
KGD	.073	.098	.077	.746	.458	.790	1.266
DA	.042	.046	.099	.926	.357	.745	1.343
KM	-.010	.046	-.022	-.220	.826	.832	1.202
KP	.053	.056	.095	.948	.346	.844	1.185
KL	.108	.029	.351	3.704	.000	.944	1.059
Pft	.405	.134	.360	3.023	.003	.597	1.675
UP	.015	.006	.247	2.288	.025	.729	1.371

a. Dependent Variable: abs_res

Lampiran 20 : Output *EViews* Uji Heteroskedastisitas *HAC* (Newey West)

Dependent Variable: CED

Method: Least Squares

Date: 11/20/19 Time: 20:04

Sample: 1 80

Included observations: 80

HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 4.0000)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.874279	0.357186	-5.247354	0.0000
DKI	0.131555	0.146302	0.899199	0.3716
KGD	0.278102	0.087444	3.180347	0.0022
DA	0.023214	0.059033	0.393232	0.6953
KM	-0.056382	0.048705	-1.157616	0.2509
KP	0.126536	0.093068	1.359614	0.1783
KL	0.198277	0.087818	2.257834	0.0270
PFT	0.749862	0.325555	2.303332	0.0242
UP	0.042789	0.011955	3.579177	0.0006
R-squared	0.511227	Mean dependent var		0.176389
Adjusted R-squared	0.456154	S.D. dependent var		0.194223
S.E. of regression	0.143232	Akaike info criterion		-0.943052
Sum squared resid	1.456590	Schwarz criterion		-0.675074
Log likelihood	46.72207	Hannan-Quinn criter.		-0.835612
F-statistic	9.282704	Durbin-Watson stat		2.058213
Prob(F-statistic)	0.000000	Wald F-statistic		8.876362
Prob(Wald F-statistic)	0.000000			

Lampiran 21 : Output *EViews* Uji Hipotesis

Dependent Variable: CED

Method: Least Squares

Date: 11/20/19 Time: 20:04

Sample: 1 80

Included observations: 80

HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 4.0000)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.874279	0.357186	-5.247354	0.0000
DKI	0.131555	0.146302	0.899199	0.3716
KGD	0.278102	0.087444	3.180347	0.0022
DA	0.023214	0.059033	0.393232	0.6953
KM	-0.056382	0.048705	-1.157616	0.2509
KP	0.126536	0.093068	1.359614	0.1783
KL	0.198277	0.087818	2.257834	0.0270
PFT	0.749862	0.325555	2.303332	0.0242
UP	0.042789	0.011955	3.579177	0.0006
R-squared	0.511227	Mean dependent var		0.176389
Adjusted R-squared	0.456154	S.D. dependent var		0.194223
S.E. of regression	0.143232	Akaike info criterion		-0.943052
Sum squared resid	1.456590	Schwarz criterion		-0.675074
Log likelihood	46.72207	Hannan-Quinn criter.		-0.835612
F-statistic	9.282704	Durbin-Watson stat		2.058213
Prob(F-statistic)	0.000000	Wald F-statistic		8.876362
Prob(Wald F-statistic)	0.000000			