

別添資料

大分バイオマスエネルギー合同会社は、2021年4月に資源エネルギー庁より示されている「事業計画策定ガイドライン(バイオマス発電)」に基づき、持続可能性の確保に関する自主的取り組みを行っています。詳細は以下をご参照ください。

■ 持続可能性の確保に関する自主的取り組みについて

燃料調達商社を通じて、「環境」「社会・労働」「食料競合」「ガバナンス」の観点から、PKSのサプライチェーンに関する情報を把握します。また、第三者認証を取得した搾油工場からのPKS調達を図ります。

■ 農園など燃料発生地点の情報について

現時点で調達予定の搾油工場は以下のとおりです。

燃料調達商社経由にて、現地集荷業者が以下のリストより搾油工場を選定、PKSを調達する予定です。

国名	インドネシア
州	リアウ
輸出港	Tanjung Buton

PT. Rohul Sawit Industri Palm Oil Mill	PT. Pangkalan Baru Indah Palm Oil Mill
PT. Murini Wood Indah Industry Palm Oil Mill	Koperasi Tenganan Mandiri Palm Oil Mill
PT. Pelita Agung Agroindustri Palm Oil Mill P	PT Peputra Masterindo Palm Oil Mill
PT. Sari Dumai Sejati Palm Oil Mill	PT. Perdana Intisawit Perkasa Palm Oil Mill
Nilo 1 Palm Oil Mill	PT Pujud Karya Sawit Palm Oil Mill
PT. Agrita Sari Prima Palm Oil Mill	PT. Riau Kampar Sahabat Sejati Palm Oil Mill
PT. Agro Abadi Palm Oil Mill	Sungai Dua Palm Oil Mill
PT. Agro Sarimas Indonesia (ASI) Palm Oil Mill	PT Sawit Anugerah Sejahtera Palm Oil Mill
PT. Andika Permata Sawit Lestari Palm Oil Mill	Lubuk Bilang Palm Oil Mill
Arindo Trisejahtera Palm Oil Mill	PT. Sawit Riau Makmur Palm Oil Mill
PT Bangun Tenera Riau Palm Oil Mill	PT. Sebang Multi Sawit Palm Oil Mill
Bina Pitri Jaya Palm Oil Mill	Tapung Kanan Palm Oil Mill
PT.Bina Sawit Nusantara Palm Oil Mill	Lubuk Raja Palm Oil Mill
Nagasakti Palm Oil Mill	PT Sewangi Sawit Sejahtera Palm Oil Mill
Bumi Mentari Karya Palm Oil Mill (POM)	Sukaramai Palm Oil Mill
PT Ciliandra Perkasa Palm Oil Mill	PT. Siak Prima Sakti Palm Oil Mill
PT. Citra Sardela Palm Oil Mill	PT. Sinar Perdana Caraka Palm Oil Mill
PT. Daya Guna Sejahtera Palm Oil Mill	PT Sinar Siak Dian Permai Palm Oil Mill
PT Eka Dura Indonesia (EDI) Palm Oil Mill	PT. Subur Arum Makmur 1 Palm Oil Mill
PT. Eluan Mahkota palm Oil Mill	PT. Subur Arum Makmur II Palm Oil Mill
PT. Era Sawita Palm Oil Mill	Muara Dilam Palm Oil Mill (POM)
PT Flora Wahana Tirta Palm Oil Mill	PT Sumber Jaya Indahnusa Coy Palm Oil Mill
PT Fortius Agro Asia Palm Oil Mill P	PT. Sumber Sawit Sejahtera Palm Oil Mill
Ganda Buanindo Palm Oil Mill	PT Sungai Pinang Malindo Palm Oil Mill

PT. Geliga Bagan Riau Palm Oil Mill	PT Surya Intisari Raya Palm Oil Mill
PT. Bahana Nusa Interindo Palm Oil Mill	Sei Nilo Palm Oil Mill
PT. Gunung Sawit Mas Palm Oil Mill (POM)	PT. Swastisiddhi Amagra Palm Oil Mill
PT. Hasil Karya Bumi Sejati Palm Oil Mill	PT. Tor Ganda Palm Oil Mill
PT. Hutahaeen Gora Gahana Palm Oil Mill	Tambusai Timur Palm Oil Mill
PT Diva Pratama Sakti Palm Oil Mill	Manggala Palm Oil Mill
PT. Jabal Perkasa Palm Oil Mill (POM)	Topaz Palm Oil Mill
PT. Jatim Jaya Perkasa Palm Oil Mill	Baserah Palm Oil Mill
Bangkinang Palm Oil Mill	Sei Intan Palm Oil Mill
PT. Karya Abadi Sama Sejati Palm Oil Mill	Sei Pagar Palm Oil Mill
PT. Karya Indorata Persada Palm Oil Mill	Sei Buatan Palm Oil Mill
PT. Kebun Pantai Raja Palm Oil Mill	Sei Rokan Palm Oil Mill
PT. Arya Rama Prakarsa Palm Oil Mill	Sei Galuh Palm Oil Mill
PT. Kencana Utama Sejati Palm Oil Mill	Lubuk Dalam Palm Oil Mill
PT. Kimia Tirta Utama Palm Oil Mill	Sei Garo Palm Oil Mill
PT. Intan Sejati Andalan Palm Oil Mill	Terantam Palm Oil Mill
Buatan I Palm Oil Mill	Tandun Palm Oil Mill
PT. Ivomas Tunggal Ujung Tanjung Palm Oil Mill	Tanjung Medan Palm Oil Mill
PT. Jalur Mahkota Palm Oil Mill	Sei Tapung Palm Oil Mill
Alur Dumai Palm Oil Mill	Kayangan Palm Oil Mill
PT. Langgak Inti Lestari Palm Oil Mill	Balam Palm Oil Mill
PT. Langgam Inti Hibrido Palm Oil Mill	PT. Gunung Mas Raya Sei Bangko Palm Oil Mill
PT Libo Sawit Perkasa Palm Oil Mill	PT. Hutahaeen Teluk Sono Palm Oil Mill
PT. Lubuk Bendahara Palma Industri Palm Oil Mill	PT. Kencana Persada Nusantara Palm Oil Mill
PT. Merangkai Artha Nusantara Palm Oil Mill	Buatan II Palm Oil Mill
Sei Pingai Palm Oil Mill	Libo Palm Oil Mill
Segati Palm Oil Mill (POM)	Sam Sam Palm Oil Mill
PT. Fetty Mina Jaya Palm Oil Mill	PT. Ramajaya Pramukti Ramarama Palm Oil Mill
PT. Mulya Unggul Lestari Palm Oil Mill	Nilo 2 Palm Oil Mill
PT. Murini Sam Sam Kandis Palm Oil Mill	PT.Sinar Agro Raya Palm Oil Mill
PT. Murini Sam Sam Pelintung Palm Oil Mill	PT. Indomakmur Sawit Berjaya Palm Oil Mill
Batang Kulim Palm Oil Mill	PT. Padasa Enam Utama Kaliaanta Dua Palm Oil Mill (POM)
PT. Mustika Agung Sawit Sejahtera Palm Oil Mill	PT. Permata Hijau Sawit Palm Oil Mill
PT. Multi Agro Sentosa Palm Oil Mill	PT Karya Agung Sawita Palm Oil Mill
PT. Multi Palma Sejahtera Palm Oil Mill	PT Mandiri Sawit Bersama Palm Oil Mill
PT. Nagamas Agro Mulia Palm Oil Mill	PT Mazuma Agro Indonesia Palm Oil Mill
PT. Padasa Enam Utama Koto Kampar Palm Oil Mill (POM)	Sosa Palm Oil Mill

PT. Padasa Enam Utama Kaliana Satu Palm Oil Mill (POM)	PT RIGUNAS AGRI UTAMA
PT MITRA UNGGUL PUSAKA	PT INTI INDOSAWIT SUBUR
PT CITRA BUMI AGRO	PT TUNGGAL YUNUS ESTATE

国名	インドネシア
州	ベンクル
輸出港	Bengkulu

PT. Agra Sawitind Palm Oil Mill	PT. Agra Sawitind Palm Oil Mill
Agricinal Palm Oil Mill	Agricinal Palm Oil Mill
Semuma Palm Oil Mill	Semuma Palm Oil Mill
Bunga Tanjung Palm Oil Mill	Bunga Tanjung Palm Oil Mill
Sumindo Palm Oil Mill	Sumindo Palm Oil Mill
Bengkulu Selatan Palm Oil Mill	Bengkulu Selatan Palm Oil Mill
Sei Lemau Palm Oil Mill	Sei Lemau Palm Oil Mill
Ipuh Palm Oil Mill	Ipuh Palm Oil Mill
Lubuk Bento Palm Oil Mill	Lubuk Bento Palm Oil Mill
PT Karya Agro Sawitindo Palm Oil Mill	PT Karya Agro Sawitindo Palm Oil Mill
PT. Karya Sawitindo Mas Palm Oil Mill	PT. Karya Sawitindo Mas Palm Oil Mill
Mitra Puding Mas Palm Oil Mill	Mitra Puding Mas Palm Oil Mill
PT. Muko Muko Indah Lestari Palm Oil Mill	PT. Muko Muko Indah Lestari Palm Oil Mill
PT Palma Mas Sejati Palm Oil Mill	PT Palma Mas Sejati Palm Oil Mill
Talo Pino Palm Oil Mill Unit	Talo Pino Palm Oil Mill Unit
Libuk Banyau Palm Oil Mill	Libuk Banyau Palm Oil Mill
PT Sapta Sentosa Jaya Abadi Palm Oil Mill	PT Sapta Sentosa Jaya Abadi Palm Oil Mill
Sinar Bengkulu Selatan Palm Oil Mill	Sinar Bengkulu Selatan Palm Oil Mill
Sungai Piang Palm Oil Mill	Sungai Piang Palm Oil Mill
PT. Bumi Sawinfo Permai Palm Oil Mill	PT. Bumi Sawinfo Permai Palm Oil Mill
PT Cipta Futura Palm Oil Mill	PT Cipta Futura Palm Oil Mill
Dendymaker Palm Oil Mill	Dendymaker Palm Oil Mill
Muaka Kandis Palm Oil Mill	Muaka Kandis Palm Oil Mill
Ekahjaya Multiperkasa Palm Oil Mill	Ekahjaya Multiperkasa Palm Oil Mill
Rantau Panjang Palm Oil Mill	Rantau Panjang Palm Oil Mill
Sei Ogan(SOGIM) Palm Oil Mill	Sei Ogan(SOGIM) Palm Oil Mill
PT Pinago Utama Palm Oil Mill(POM)	PT Pinago Utama Palm Oil Mill(POM)
Belani Elok Palm Oil Mill	Belani Elok Palm Oil Mill
PT Rajawali Nusantara Indonesia Palm Oil Mill	PT Rajawali Nusantara Indonesia Palm Oil Mill
Sungai Kikim Palm Oil Mill	Sungai Kikim Palm Oil Mill
PT Serasan Sekundang Sawitmas Palm Oil Mill	PT Serasan Sekundang Sawitmas Palm Oil Mill

PT Suryabumi AgroLanggeng Palm Oil Mill	PT Suryabumi AgroLanggeng Palm Oil Mill
Bunga Mayang Palm Oil Mill	Bunga Mayang Palm Oil Mill
Sungai Leng Palm Oil Mill	Sungai Leng Palm Oil Mill
Artha Kencana Palm Oil Mill	Artha Kencana Palm Oil Mill
PT. SANDABI INDAH LESTARI	PT. BENGKULU SAWIT LESTARI
PT. SINAR BENGKULU SELATAN	PT. CIPTAMAS BUMI SELARAS
PT. BENGKULU SAWIT LESTARI	

国名	マレーシア
州	ジョホールバル
輸出港	Pasir Gudang

AWAN TIMUR PALM OIL MILLS RESOURCES(JOHOR) Sdn Bhd	KILANG KELAPA SAWIT SUNGEI KAHANG
BAN DUNG PALM OIL INDUSTRIES Sdn Bhd	KILANG KELAPA SAWIT ULU REMIS
BELL PALM INDUSTRIES Sdb Bhd	KILANG SAWIT UNITED BELL Sdn Bhd
SIME DARBY BUKIT BENUT PALM OIL MILL	KILANG SAWIT AYER TAWAR(FELDA)
GUNUNG MAS PALM OIL MILL	BUKIT MOR PALM OIL MILL MUAR BERHAD
SIME DARBY KILANG KELAPA SAWIT HADAPAN	KIM LONG PALM OIL MILL
KILANG KELAPA SAWIT BUKIT PASIR Sdn Bhd	KILANG KELAPA SAWIT CORONATION
KILANG SAWIT BELITONG(FELDA)	KILANG SAWIT FELCRA BERHAD BUKIT KEPONG
KILANG SAWIT BUKIT BESAR(FELDA)	KILANG KELAPA SAWIT KAHANG
KILANG SAWIT SIMPANG WA HA(FELDA)	KILANG KELAPA SAWIT KEKAYAAN
BELL GROUP KILANG KELAPA SAWIT SOUTHERN MALAY	KILANG SAWIT MAOKIL(FELDA)
KILANG SAWIT ADELA(FELDA)	KILANG SAWIT FELCRA BERHAD SUNGAI MELIKAI
KILANG OIL PROCESSING Sdn Bhd	KILANG KELAPA SAWIT TAITAK
KULAI PALM OIL MILL(FELDA)	KILANG SAWIT TENGGAROH
KILANG KELAPA SAWIT LADANG PADANG KAHANG(SEONG THYE)	KILANG KELAPA SAWIT ULU SEBOL
LOK HENG PALM OIL MILL(GELDA)	THP KILANG SAWIT BUKIT LAWIANG
KILANG SAWIT NITAR(FELDA)	LENGA PALM OIL MILL
KILANG KELAPA SAWIT PALONG COCOA	KILANG SAWIT PALONG TIMOR 3(FELDA)
KILANG SAWIT PENGGELI TIMUR(FELDA)	MUSAI PALM OIL MILL
KIKLANG SAWIT SEMENCHU(FELDA)	PERUSAHAAN MINYAK SAWIT BINTANG Sdn Bhd
KILANG SAWIT TENGGAROR TIMUR(FELDA)	REVENUE DIRECTION PALM OIL MILL
TEREH PALM OIL MILL	SUNGAI KACHUR PALM OIL MILL
BOUSTEAD TELUK SENGAT PALM OIL MILL	SYARIKAT PERUSAHAAN KELAPA SAWIT Sdn Bhd
KILANG SAWIT KAHANG(FELDA)	KEMPAS PALM OIL MILL
KILANG KELAPA SAWIT AYER ITEM	DIAMOND JUBILEE PALM OIL MILL

KILANG SAWIT ALAF	KILANG KELAPA SAWIT SRI LINGGA
KILANG KELAPA SAWIT BUKIT BUJANG	ACEOIL MILL Sdn Bhd
CHAAR PLAM OIL MILL	ENDAU PALM OIL MILL
KILANG KELAPA SAWIT GOMALI	WUJUD WAWASAN Sdn Bhd(KASMO PALM OIL MILL)
KILANG KELAPA SAWIT JOHOR LABIS	RAUB PALM OIL MILL Sdn Bhd
KILANG KELAPA SAWIT PAGOH	KILANG KELAPA SAWIT LADANG ROMPIN
KILANG KELAPA SAWIT PALOH	KILANG SAWIT SELANCAR 2A(FELDA)
KILANG KELAPA SAWIT PAMOL	KILANG SAWIT SELANCAR 2B(FELDA)
KILANG KELAPA SAWIT PPNJ KAHANG	KILANG SAWIT SELENDANG(FELDA)
KILANG SAWIT RISDA SUNGAI AMBAT	KILANG SAWIT RISDA ULU KERATONG
KILANG KELAPA SAWIT SEDENAK	LIAN HUP PALM OIL MILL
KILANG KELAPA SAWIT SINDORA	IOI PUKIN PALM OIL MILL
Achi Jaya	Kakayaan Palm Oil Mill
Kluang Oil Palm Processing Sdn Bhd	Genting Oil Mill Sdn Bhd

国名	マレーシア
州	サラワク
輸出港	Bintulu

ADONG PALM OIL MILL	SEMANOK PALM OIL MILL
ALAMBUMI PALM OIL MILL	BOUSTEAD LOAGAN BUNUT PALM OIL MILL
ASIAN PLANTATION PALM OIL MILL	IGAN PALM OIL MILL
BALINIAN PALM OIL MILL	WAWASAN SEDAR PALM OIL MILL
BBC PALM OIL MILL Sdn Bhd	KUALA SUAI PALM OIL MILL
WOODMAN OIL PALM PLANTATION	LAMBIR PALM OIL MILL
BORNEO AGRO-RESOURCES Sdn Bhd	SAMLING LANA PALM OIL MILL
BOUSTEAD PELITA LANOWIT OIL MILL Sdn Bhd	MANIS PALM OIL MILL
DELTA PELITA SEBAKONG PALM OIL MILL	DARO JAYA CRUDE OIL(CPO) MILL
DERAWAN PALM OIL MILL(SIME DARBY)	LASSA CRUDE PALM OIL(CPO) MILL
EMPRESA PALM OIL MILL	METANIK OIL PALM MILL
GALASAH PALM OIL MILL	MJM(PALM OIL MILL) Sdn Bhd
GAYANIS PALM OIL MILL	MUKAH KILANG KELAPA SAWIT
HASS PALM OIL MILL	PALM GROUP PALM OIL MILL
JTOP PALM OIL MILL	PSS OIL MILL Sdn Bhd
TRADEWIND BUNU PALM OIL MILL	TRADEWIND RETUS PALM OIL MILL
UNIQUE PALM OIL MILL Sdn Bhd	RH BALINGIAN PALM OIL MILL
HARVARD MASTER BATU NIAH PALM OIL MILL	RH SELANGAU PALM OIL MILL Sdn Bhd
LUBUK ANTU PALM OIL MILL	RINWOOD PELITA(MUKAH) PLANTATION Sdn Bhd
KERASA PALM OIL MILL	SABAJU PALM OIL MILL

SAMILING BELAGA PALM OIL MILL	SACHIEW PALM OIL MILL
KILANG KELAPA SAWIT IMBOK	SARATOK PALM OIL MILL
TRADEWIND JUDAN PALM OIL MILL	SEREMAS 1 PALM OIL MILL
LAVANG PALM OIL MILL(SIME DARBY)	SEPAKAU PALM OIL MILL
SPAD MUKAH PALM OIL MILL	SOLID PALM OIL MILL BERHAD
SPAD NIAH PALM OIL MILL	SOUTHWIND PALM OIL MILL
PEKAKA PALM OIL MILL	SUBUMAS PALM OIL MILL Sdn Bhd
RIMEX PRIMALUCK PALM OIL MILL	TETANGGA AKRAB PALM OIL MILL
RAJAWADI PALM OIL MILL(SIME DARBY)	TINBARAP PALM OIL MILL
KILANG KELAPA SAWIT SEREMAS II	TRADEWIND TRUSAN PALM OIL MILL

国名	マレーシア
州	サバ
輸出港	Lahad Datu

AUMKAR PALM OIL MILL	TIAN SIANG OIL MILL Sdn Bhd
BALUNG PALM OIL MILL Sdn Bhd	TIMORA PALM OIL MILL
BEAUFORT PALM OIL MILL	KILANG SAWIT BELL Sdn Bhd
BENTA WAWASAN Sdn Bhd	KILANG SAWIT KALABAKAN(FELDA)
BERKAT SETIA PALM OIL MILL	KILANG SAWIT KEMBARA SAKTI(FELDA)
DESA TALISAI PALM OIL MILL	LADANG MAMAHAT PALM OIL MILL
DUMPAS PALM OIL MILL	KIM LOONG PALM OIL MILLS Sdn Bhd
GENTING INDAH OIL MILL	BATU PUTIH PALM OIL MILL
GENTING JAMBONGAN OIL MILL	IOI BATU RONG PALM OIL MILL
GENTING MEWAR OIL MILL	BORNIN PALM OIL MILL
GENTING TANJUNG PALM OIL MILL	KENINGAU PALM OIL MILL
GENTING TRUSHIDUP OIL MILL	KILANG KELAPA SAWIT KL-KEPONG(SABAH) Sdn Bhd
GLOBAL ENTERPRISE OIL MILL Sdb Bhd	KILANG SAWIT MERCU PUSPITA(FELDA)
GOLDEN ELATE PALM OIL MILL	MORISEM PALM OIL MILL
HARANKY PALM OIL MILL	SEBANG I PALM OIL MILL
APAS BALUNG PALM OIL MILL	SEBANG II PALM OIL MILL
SUNGAI TENEGANG PALM OIL MILL	SIME DARBY SANDAKAN BAY PALM OIL MILL
BAIDURI AYU PALM OIL MILL(FELDA)	SANDAU PALM OIL MILL
KILANG SAWIT FAJAR HARAPAN(FELDA)	SRI KAMUSAN PALM OIL MILL
KILANG SAWIT HAMPARAN BADAI(FELDA)	SUNGAI BURUNG PALM OIL MILL
KWANTAS MEWAH PALM OIL MILL	TUNG HUP PALM OIL MILL Sdn Bhd
KILANG SAWIT NILAM PERMATA(SABAHAT G) (FELDA)	PERMAI PALM OIL MILL
PNANGAH PALM OIL MILL	LAM SOON PLAM OIL MILL

SERUDUNG PALM OIL MILL	MAYVIN PALM OIL MILL
KILANG SAWIT UMAS(FELDA)	MELANGKING PALM OIL MILL
JECORO PALM OIL MILL	MERIDIAN PALM OIL MILL
LANGKON OIL MILL	MEROTAI PALM OIL MILL
MALSA CORPORATION Sdn Bhd	MINAT TEGUH PALM OIL MILL
PINANG PALM OIL MILL	MONSOK PALM OIL MILL
RIMMER PALM OIL MILL	NAK PALM OIL MILL
SYARIMO PALM OIL MILL	PAMOL PALM OIL MILL
WEE TEE TONG PALM OIL MILL	PEBANGUNAN LADANG HASSAN PALM OIL MILL
ABEDON PALM OIL MILL	PINTASAN PALM OIL MILL
ATRANTICA PALM OIL MILL	PITAS PALM OIL MILL Sdn Bhd
BUKIT MAS PALM OIL MILL	PROSPEROUS SEBATIK PALM OIL MILL
EVER-YIELD PALM OIL MILL	QL PALM OIL MILL 1
LUMADAN PALM OIL MILL	QL PALM OIL MILL 2
MELEWAR PALM OIL MILL	REX PALM OIL MILL
PONTIAN FICO OIL MILL	RIBUBONUS PALM OIL MILL
PROLIFIC YIELD PALM OIL MILL	RIMBA NITAI PALM OIL MILL
REKA HALUS PALM OIL MILL	SANG GUAN OIL MILL Sdn Bhd
SUNGAI RUKU PALM OIL MILL	TAKON PALM OIL MILL(SANKINA OIL MILLS Sdn Bhd)
TANAH MAS PALM OIL MILL	SAPI PALM OIL MILL
TOMANGGONG PALM OIL MILL	SABRANG OIL PALM MILL
UNICO DESA PALM OIL MILL	SEPAGAYA PALM OIL MILL
KILANG SAWIT LANCANGKEMUDI(SAHABAT J)(FELDA)	SERIJAYA PALM OIL MILL
KAPILIT CRUDE PALM OIL(CPO) MILL	SOOK OIL MILLS Sdn Bhd
BINUANG PALM OIL MILL	SUKAU PALM OIL MILL Sdn Bhd
BRANTIAN PALM OIL MILL	SILIMPOPON PALM OIL MILL(SYARIKAT KRETAM)
DESA KIM LOONG PALM OIL MILL	SHARIKAT KRETAM MILL Sdn Bhd
KILANG SAWIT EMBARA BUDI(FELDA)	SUNGAI TENEGANG PALM OIL MILL
KILANG KELAPA SAWIT FORTUNA Sdn Bhd	TAMACO OIL MILL
GIRAM PALM OIL MILL	TANJUNG PANJANG PALM OIL MILL Sdn Bhd
LEEPANG PALM OIL MILL	KUNAK PALM OIL MILL
LUNGMANIS PALM OIL MILL	TSH LAHAD DATU PALM OIL MILL
MELALAP PALM OIL MILL	TSH SABAHAN PALM OIL MILL
SABAHMAS PALM OIL MILL	UNICO OIL MILL Sdn Bhd
GENTING SABAPALM IUL MILL	VEETAR PALM OIL MILL
SAKILAN PALN OIL MILL	WINSOME HARVEST PALM OIL MILL
BOUSTEAD SEGAMAHA PALM OIL MILL	YUWANG PALM OIL MILL

SEGARIA PALM OIL MILL	WARIS SELESA PALM OIL MILL
TAMACO OIL MILL 1	TPH TINGKAYU PALM OIL MILL
TERUSAN PALM OIL MILL	

以上