

Alternatively Powered Commercial Vehicles: Global Fuel Markets

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Abstracts

Report Scope

This report focuses on 10 major alternative fuels for commercial vehicles across North America; Latin America; Europe, the Middle East and Africa (EMEA); and the Asia-Pacific region -

Compressed natural gas (CNG).

Liquid natural gas (LNG).

Liquid petroleum gas (LPG), also known as Autogas.

Dimethyl ether (DME).

Renewable natural gas (Bio Methane).

Biodiesel.

Ethanol.

Methanol.

Hydrogen.

Hythane.

We have excluded the following fuel type categories because these fuels have a unique value in the global marketplace -

Electric (battery) vehicles.

Hybrid-electric battery and generator/internal combustion vehicles.

Fuel-cell powered electric vehicles.

We have also covered information for industry leaders as well as for follower in the company profile chapter, key developments, and competition landscape, and others. The impact of COVID-19 is also covered in the scope of this report.

All market values are in U.S. dollar (\$) millions and all are calculated as nominal value; 2020 is considered as the base year and 2021 as the projected year, with values forecasted from 2022 to 2026. The market values are forecasted based on projected growth in various industries.

This updated report includes the impact of COVID-19 on the consumption of alternative fuels for commercial vehicles. Although there is lack of data pertaining to consumption of alternative fuels for commercial vehicles in 2020, the passenger car segment was the hard hit compared to commercial vehicles. Furthermore, the prices of conventional fuels went high during the pandemic period, which indirectly pushed the sales of alternatively powered vehicles as well as consumption of alternative fuels.

Report Includes

137 data tables and 27 additional tables

An up-to-date market analysis of the global market for alternative fuel powered commercial vehicles and their variants

Analyses of the global market trends, with data from 2020, estimates for 2021 and projections of compound annual growth rates (CAGRs) through 2026

Estimation of current market size and market forecast for alternative powered commercial vehicles, and corresponding market share analysis by type of vehicle, power source, and geographic region

Evaluation of the breakeven oil price points for each fuel for each region at which they produce a favorable payback for commercial vehicles

Highlights of the current and future commercial vehicle demand for each alternative fuel, each category of commercial vehicle and each global region from 2020 through 2026

In-depth information (facts and figures) concerning market drivers, restraints and other forces affecting the progress of this market

Identification of the key stakeholders in the market, including on-board alternative fuel components and system suppliers, engine original equipment manufacturers (OEMs), commercial vehicle OEMs, stationary alternative fuel support equipment suppliers, methanol producers, biofuel producers, public natural gas utility companies, storage and transportation companies, refining and marketing companies, exploration and production companies, integrated oil and gas companies, and oil and gas services companies

Descriptive company profiles of the leading industry players, including AB Volvo, Autocar Truck, Nissan Diesel, Mercedes Benz, Mitsubishi Fuso, Volvo Trucks Petronas Chemicals Group Berhad and Schlumberger

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Latin America
Europe, Middle East and Africa

Asia-Pacific
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Latin America
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Liquid Natural Gas
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AB VOLVO

CATERPILLAR INC.

CHINA FAW GROUP CO. LTD.

CHINA NATIONAL HEAVY DUTY TRUCK GROUP CO. LTD. (SINOTRUK)

CHINA YUCHAI INTERNATIONAL LTD.

CUMMINS INC.

CUMMINS WESTPORT INC.

DAF TRUCKS N.V.

DAIMLER AG

DONGFENG (DFM)

FORD MOTOR CO.

HINDUJA GROUP LTD.

ISUZU MOTORS LTD.

IVECO S.P.A. (INDUSTRIAL VEHICLES CORP.)

MINITRUCK FUSO TRUCK AND BUS CORP.

NAVISTAR INTERNATIONAL

SCANIA AB

TATA MOTORS LTD.

WEICHAI HOLDING GROUP CO., LTD.

Onboard Component and System Suppliers

AGS AUTO GAS SYSTEMEN NV

ALLIED EQUIPMENT SOLUTIONS CORP.

AVL LIST GMBH

CAMPBELL-PARNELL PARNELL USA, INC.
CNG ONE SOURCE INC.
EDEN INNOVATIONS LTD.
FREETRON
FUEL SYSTEM SOLUTIONS
GFI ALTERNATIVE FUEL SYSTEMS
HEAGON AGILITY
IMEGALPG SRL
IMPCO TECHNOLOGIES
LANDI RENZO S.P.A.
LUXFER GAS CYLINDERS
QUANTUM FUEL SYSTEMS LLC
ROBERT BOSCH GMBH
SPRINT GAS (AUST) PTY LTD
STURMAN INDUSTRIES
TA GAS TECHNOLOGY
TARTARINI AUTO SRL
TRANSONIC COMBUSTION INC.
VIALLE AUTOGAS SYSTEMS BV
Equipment for Fuel Storage and Refueling
ANGI ENERGY SYSTEMS LLC
CHART INDUSTRIES INC.
CRYOSTAR
DAIS GLOBAL LTD
FL?SSIGGAS-ANLAGEN GMBH
GARDNER DENVER
GENERAL ELECTRIC
LINDE GMBH
NUMAK SRL
OMNITEK ENGINEERING CORP.
P.C. MCKENZIE CO.
SCHANDL GMBH
WESTERN SHELL CRYOGENIC EQUIPMENT CO.
WESTMOR INDUSTRIES LLC
Equipment for Small-Scale Production of Fuel
CBI&I TECHNOLOGIES
COMPACTGTL
GAS TECHNOLOGIES LLC
GENIFUEL CORP.

HALDOR TOPSOE A/S (HQ)
HYGEAR
INFRA TECHNOLOGY LLC
MEMBRANE TECHNOLOGY AND RESEARCH INC.
OBERON FUELS
OXFORD CATALYSTS LTD.
PRIMUS GREEN ENERGY
VELOCYS INC.
ZEACHEM INC.
Commercial Vehicle OEMs
AUTOCAR TRUCK
CNHTC/SINOTRUK
DAEWOO
DAF TRUCKS N.V.
DAIMLER TRUCKS NORTH AMERICA
FAW
FCA US LLC
FORD MOTOR CO.
FREIGHTLINER (DAIMLER TRUCKS NORTH AMERICA)
GENERAL MOTORS CO.
HINO MOTORS LTD.
HYUNDAI
ISUZU
IVECO
KENWORTH TRUCK CO.
MACK TRUCKS (VOLVO TRUCKS NORTH AMERICA)
MAN SE
MAZ
MERCEDES BENZ
MITSUBISHI FUSO
NAVISTAR INTERNATIONAL
NISSAN DIESEL (UD NISSAN)
OSHKOSH TRUCK
PETERBILT
RENAULT TRUCKS
SANY HEAVY INDUSTRY CO LTD.
SCANIA
SINO TRUK (SINO HEAVY MACHINERY CO. LTD.)
SPARTAN MOTORS

TEREX CORP.
TOYOTA MOTOR CORP.
VOLVO GROUP
VOLVO TRUCKS NORTH AMERICA
WESTERN STAR
Public Utility Companies
AGL RESOURCES INC.
ATMOS ENERGY CORP.
CHINA RESOURCES GAS GROUP LTD.
CONEDISON SOLUTION
DOMINION RESOURCES
EMPRESA DE ENERGIA DE BEGOTAJ SA ESP
ENAGIS SA
GAIL (INDIA) LTD.
GAS NATURAL SOG SA
HONG KONG & CHINA GAS CO. LTD.
KOREA GAS CORP.
NATIONAL FUEL GAS CO.
NATIONAL GRID PLC
ORIGIN ENERGY LTD.
PG&E CORP.
PUBLIC SERVICES ENTERPRISE GROUP INC.
SEMPRA ENERGY
SNAM S.P.A.
TOKYO GAS CO. LTD.
UGI CORP.
Storage and Transportation Companies
ENTERPRISE PRODUCTS PARTNERS LP
KINDER MORGAN INC.
OAO AK TRANSEFT
PLAINS ALL AMERICAN PIPELINE LP
ROYAL VOPAK NV
SPECTRA ENERGY CORP.
TRANSCANADA CORP.
Refining and Marketing Companies
BHARAT PETROLEUM CORP. LTD.
DELEK GROUP LTD.
EMPRESAS COPEC SA
ESSAR ENERGY PLC

FORMOSA PETROCHEMICAL CORP.
HOLLYFRONTIER CORP.
INDIAN OIL CORP. LIMITED
JX HOLDINGS INC.
MARATHON PETROLEUM CORP.
NESTE OIL CORP.
PHILLIPS
POLSKI KONCERN NAFTOWY ORLEN SA
RELIANCE INDUSTRIES LTD.
TURKIYE PETROL RAFINERILERI A.S.
VALERO ENERGY CORP.
Methanol Producing Companies
AMPCO (ATLANTIC METHANOL PRODUCTION CO.)
BP PLC
CARBON RECYCLING INTERNATIONAL
CLARIANT INTERNATIONAL LTD.
COOGEE CHEMICALS
ECOFUEL S.P.A. (ENI GROUP)
HELM AG
LANXESS AG
METAFRAX
METHANEX
METHANOL HOLDINGS LTD.
MITSUBISHI GAS CHEMICAL
MITSUI & CO.
OCI N.V.
OMAN METHANOL CO. LLC
PETRONAS CHEMICALS GROUP BERHAD
QATAR FUEL ADDITIVES CO. LTD.
SABIC
SALALAH METHANOL CO.
SIPCHEM
Ethanol Producing Companies
ACTIVOS
AGUA BONITA
ACUCAR GUARANI
ALTO ALEGRE
ARCHER DANIELS MIDLAND
A RHODIA NO BRASIL

BIG RIVER RESOURCES LLC
BIOSEV
BP BIOFUELS
BUNGE LTD.
CERRADINHOPAR
COCAL ENERGIA RESPONSAVEL
COFCO
COPERSUCAR S.A.
ENERKEM
FARM MONTE ALEGRE
FERRARI-UNICA
FLINT HILL RESOURCES
GREEN PLAINS INC.
GRANBIO-API
GROUP ADECOAGRO'S
PACIFIC ETHANOL HOLDING CO. LLC
PEDRA AGROINDUSTRIAL S/A
PITANGUEIRAS COOPERATIVE: COPERSUCAR
POET BIOREFINING
RAIZEN ENERGIA S.A.
USINA A?UCAREIRA FURLAN S/A
USINA COLOMBO S/A
USINA ESTHER
USINA GRANELLI
USINA IPIRANGA CO-OP: COPERSUCAR
USINA NARDINI
VALERO RENEWABLE FUELS
VERBIO ETHANOL SCHWEDT GMBH & CO. KG
Biodiesel Producing Companies
ACCIONA SA
ADM HAMBURG AG
AGROINVEST S.A.
AMBROSIA OILS LTD.
AMYRIS
ARCHER DANIELS MIDLAND
ARGENT ENERGY
ASTRA BIOPLANT
BIOCOM ENERGIA S.L
BIO-OILS ENERGY, S.L.

BIOPETROL INDUSTRIES AG
BIORO NV
CARGILL GMBH
CENTRE OUEST C?REALES
DAKA BIODIESEL
DELTA BIOFUELS
DIAMOND GREEN DIESEL LLC
ECO FOX S.R.L.
ECOMOTION GMBH
ECOMOTION BIODIESEL S.A.
ELIN BIOFUELS S.A.
EXPUR
FEDIOL
GF ENERGY
GREEN BIOFUELS IRELAND LTD
GREEN EARTH FUELS OF HOUSTON LLC
HOOFDZETEL ELECTRAWINDS NV
INEOS CHAMPLOR SAS
ITAL BI OIL S.R.L
MANNHEIM BIO FUEL GMBH
NESTE RENEWABLE FUELS OY
NORD ESTER
NOVAOL ITALY
OLEON
OLLECO
PERSTORP
PETROTEC GMBH
PREOL A.S.
PRIO
RAPID OIL INDUSTRY CO. LTD.
RBF PORT NECHES LLC
REG NEWTON LLC
RIX BIODIESEL LTD.
TORREJANA
VERBIO DIESEL BITTERFELD GMBH & CO. KG
VERBAND DEUTSCHER BIODIESELHERSTELLER E.V.
Exploration and Production Companies
ANADARKO PETROLEUM CORP.
APACHE CORP.

CAIRN INDIA LTD.
CANADIAN NATURAL RESOURCES LTD.
CHESAPEAKE ENERGY CORP.
CNOOC LTD.
CONOCOPHILLIPS
CONTINENTAL RESOURCES INC.
EOG RESOURCES INC.
INPEX CORP.
JSC KAZMUNAIGAS EXPLORATION PRODUCTION
JSOC BASHNEFT
MARATHON OIL CORP.
MURPHY OIL CORP.
NOBLE ENERGY INC.
OAO NOVATEK
OAO TATNEFT
OIL & NATURAL GAS CORP. LTD.
TULLOW OIL PLC
WOODSIDE PETROLEUM LTD.
Integrated Oil and Gas Companies
BG GROUP PLC
BP PLC
CHEVRON CORP.
CHINA NATIONAL PETROLEUM
CHINA PETROLEUM & CHEMICAL CORP. (SINOPEC)
ECOPETROL SA
ENI SPA
EXXON MOBIL CORP.
OCCIDENTAL OIL AND GAS CORP.
OJSC GAZPROM
OJSC LUKOIL CO.
OJSC ROSNEFT OIL CO.
PETROCHINA CO. LTD.
PETROLEO BRASILEIRO SA-PETROBRAS
PTT GLOBAL CHEMICAL PUBLIC CO. LTD.
ROYAL DUTCH SHELL PLC
STATOIL ASA
SUNCOR ENERGY INC.
TOTAL SA
YPF SA

Oil and Gas Services Companies
BAKER HUGHES
CHINA OILFIELD SERVICES LTD.
FLUOR
HALLIBURTON
PETROFAC
SAIPEM SPA (A SUBSIDIARY OF ENI)
SCHLUMBERGER
TRANSOCEAN
WEATHERFORD INTERNATIONAL

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