

# Alternative Fuel Technology Company



# ENERGIA Alliance Worldwide

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**Energia Alliance Co., Ltd.**

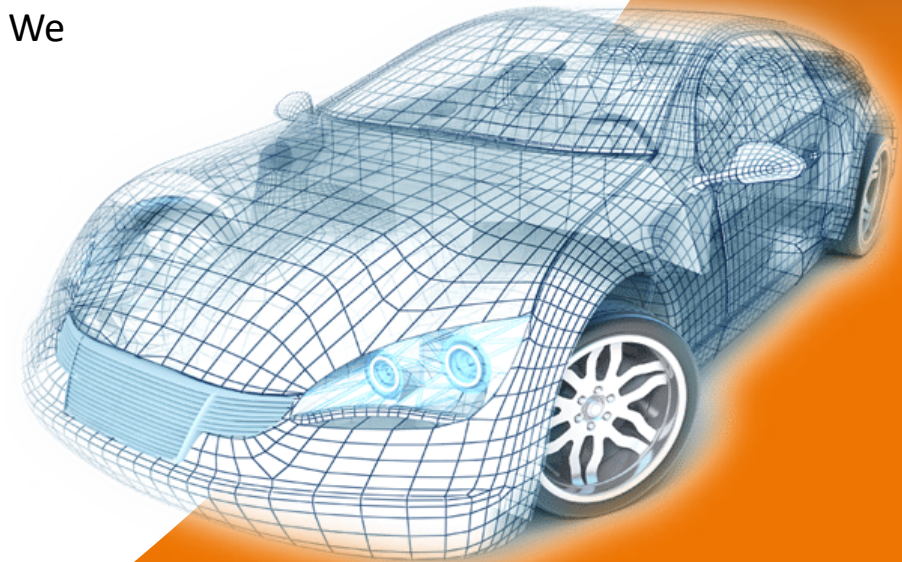
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- ENERGIA Alliance headquarters located in Munich/ Germany where is the heart of automotive industry. We develop best-fit conversion kits with our R&D in Germany and most of our production activities will be held in Italy, Poland. We have combined German engineering knowledge with the Italian experience in the Gas conversion systems to be able to supply best-fit systems to our dealers. We are one of the few companies who can supply all needs of Conversion centers around the globe. Our range of products cover almost 95% of the world's total car population.
- We have recently added LPG /CNC Dispenser Units under in our product line Energia Fuel Solutions to be able to provide complete solutions to our partners around the world. We supply quality station solutions at affordable price level to meet the need in different markets.
- We aimed to be one of the top players in the market trusting our knowledge, experience and flexibility at work. We are young and ambitious team who target to deliver the best to its customers.



# Our Brands



Best- Fit LPG/CNG Conversion kits and components for the market. Made in Italy 100% and all products tested and 2 Years Warranty. ENERGIA Italy made by best available components around the world and targets direct and indirect injection vehicles. We always aim to bring the best possible solutions for our partners around the globe and with ENERGIA Italy products we made sure the best quality products available at most competitive price level. With ENERGIA Italy you will have complete conversion solutions from different type of kits to Autogas tanks and to all connection equipment.



Eco-Smart solution for your vehicle, we provide quality conversion kit and components at an economical price level to target different segments in the markets for our partners around the world. All Econova Products are made in Europe with one-year warranty. ECONOVA offers different types of Direct and Indirect injection systems and Autogas tanks size from 20 liters to 140 liters.



Kraftgas is designed for latest Direct Injection Engine generation, we provide Autogas solutions for almost every kind of Direct Injection Vehicles around the world. All Kraftgas components comes with 3-year warranty.



# Why LPG?



## CLEAN

Vehicles running on LPG produce far fewer of the harmful emissions associated with traditional road fuels that contribute to environmental and health problems.



## SAFE

Autogas is a safe alternative fuel that is nontoxic, non-corrosive and insoluble in water. Fuelling with autogas is as safe and simple as filling up with gasoline or diesel.



## CONVENIENT

Autogas combines low cost and emissions with easy refueling and range comparable to traditional fuels.



## AVAILABLE

The supply of LPG is secure in the long term and 7 of 10 largest car manufacturers produce autogas vehicles.



## GROWING

LPG is the most commonly used alternative fuel in the world and an increasing number of countries promote its use.



## READY FOR TOMORROW

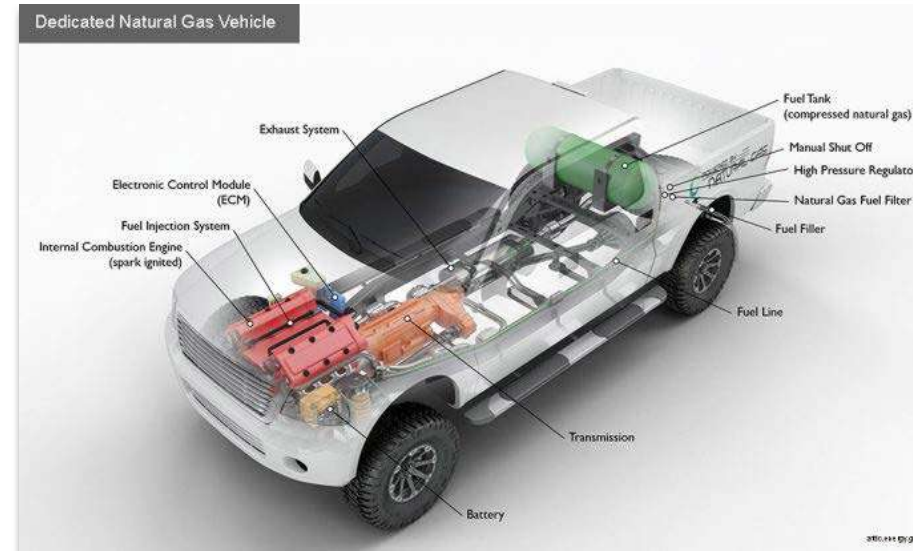
New autogas-electric hybrids and engine technology ensure that autogas is ready for the future.

# Why CNG?

Natural gas can be used in all classes of vehicles – motorcycles, cars, vans, light and heavy duty trucks, buses, lift trucks, locomotives, even ships and ferries. Natural gas can be used either by converting an existing gasoline or diesel engine, or by using a purpose built natural gas engine.

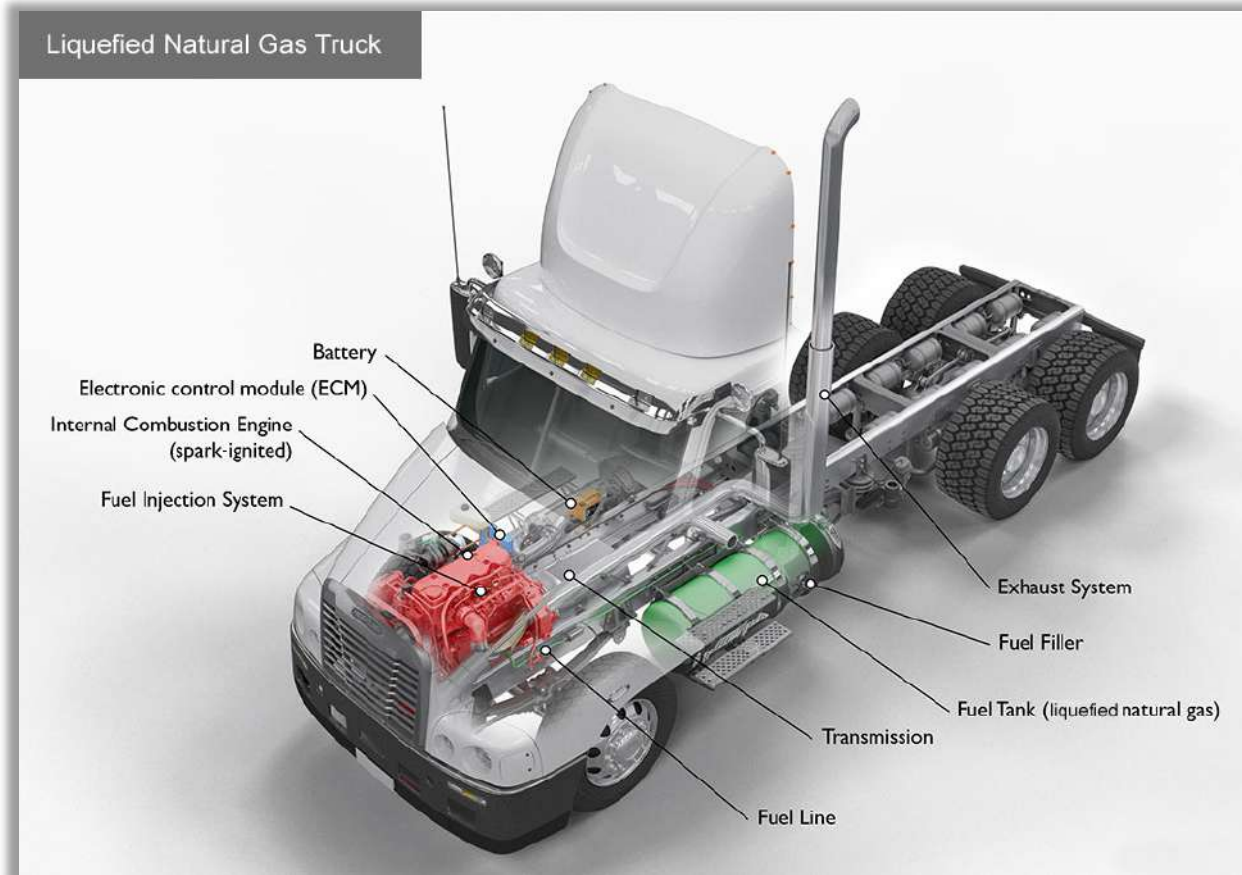
Benefits of natural gas vehicles include:

- ✓ Reduced particulate and NOx (Nitrogen Oxides) emissions
- ✓ Reduced greenhouse gas emissions
- ✓ Widespread availability of natural gas
- ✓ Lower cost
- ✓ Can be derived from renewable sources (biogas)
- ✓ Technically proven
- ✓ Available now
- ✓ Applicable to all vehicle classes
- ✓ Minimal processing or refining requirements
- ✓ Safer than most liquid fuels
- ✓ Can be refueled at home or workplace
- ✓ Noise reductions of as much as 50%
- ✓ Reduced engine wear



With these benefits, its easy to see why natural gas vehicle (NGV) numbers have more than doubled in the last 5 years alone. There are currently more than 15 million NGVs worldwide (December 2011) and NGV Global is projecting that this will increase at least five-fold, to more than 65 million natural gas vehicles by 2020.

# Why LNG?



LNG is a Liquid form of CNG in other word it is Liquefied Natural gas. LNG is traditional CNG gas which was cooled to the point of liquefaction. Liquefied Natural Gas colorless, non-corrosive and non-toxic. LNG is a new the alternative fuel that is commonly used in Vessels , Trucks and busses in some countries. Use of LNG in vehicles increasing rapidly in different countries around the globe, the benefit of Liquid form makes LNG easily to be transported from different points without need of pipelines in most of the cases requires a big investment. Therefore Liquid phase made CNG early to be transported and the storage capacity for vehicle fuel is increased in Liquid form.



# State of Art Manufacturing Facilities





# State of Art Manufacturing Facilities



# State of Art Manufacturing Facilities





- 100% Made in Italy Best Fit Autogas System
- OEM Quality
- Best LPG Components
- 3 years Warranty
- Suits to most vehicles in the World Market



## Best Fit **LPG & CNG** Conversion Systems

**ENERGIA ITALY**  
**GUARANTEE**  
3-YEAR LIMITED WARRANTY





# Best fit **Autogas** conversion system

**Energia<sup>®</sup>**  
**italy** sistemi di autogas

Best Fit **LPG & CNG**  
Conversion Systems



**EN02 Multivalve**  
MADE IN ITALY

**Energia<sup>®</sup>**  
**italy** sistemi di autogas

Best Fit **LPG & CNG**  
Conversion Systems



**EN09 Reducer**  
MADE IN ITALY

# OEM Quality components for LPG and CNG systems





# 32nd WORLD LPG FORUM Amsterdam





Competitive price



2 years Warranty



Easy installation & easy calibration



Suitable for most of the vehicles in the World market



100% European Components

**ECONOVA**<sup>®</sup>  
LPG & CNG Systems

## Eco-Smart LPG&CNG Systems



[www.econovagas.com](http://www.econovagas.com)



# Diesel LPG Dual Fuel Kit

## Heavy Duty

### E-100DG PLUS

- It combines the best features of other controllers and allows operation simplest vehicles with a mechanical pump and the newest structures Euro 6.
- It is the first DIESELGAS controller with an inbuilt CAN interface.
- It stands out thanks to its enhanced precision of analogue emulators.
- It is now possible to cooperate with GPS module and there is a remote update via GPRS.
- In order to provide fitters with comfort, a longer 5-meter group divided into 2 sectors combined by a hermetic joint has been used.
- A developed set of analogue and digital emulators has been used. Also, a frequency emulator for flowmeters has been added.





# Diesel LPG Dual Fuel Kit





# Volvo Truck CNG Installation



# Volvo Truck CNG Installation

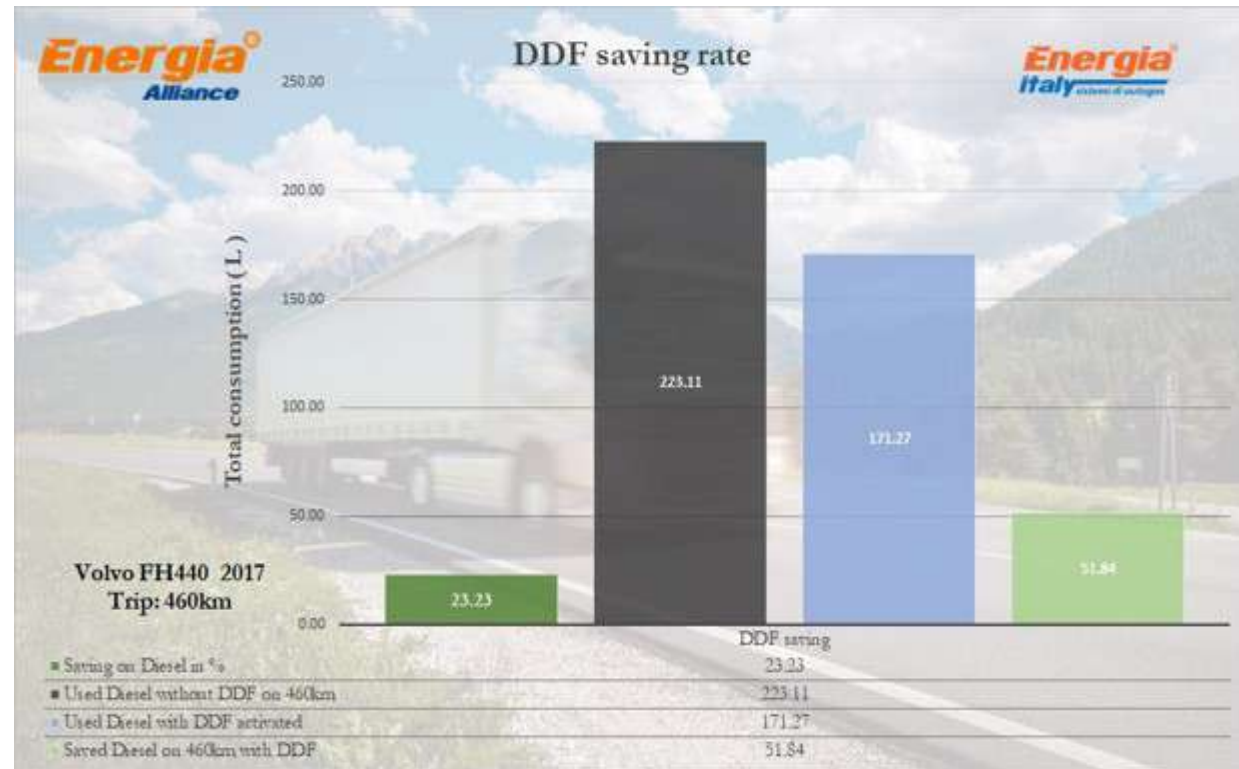
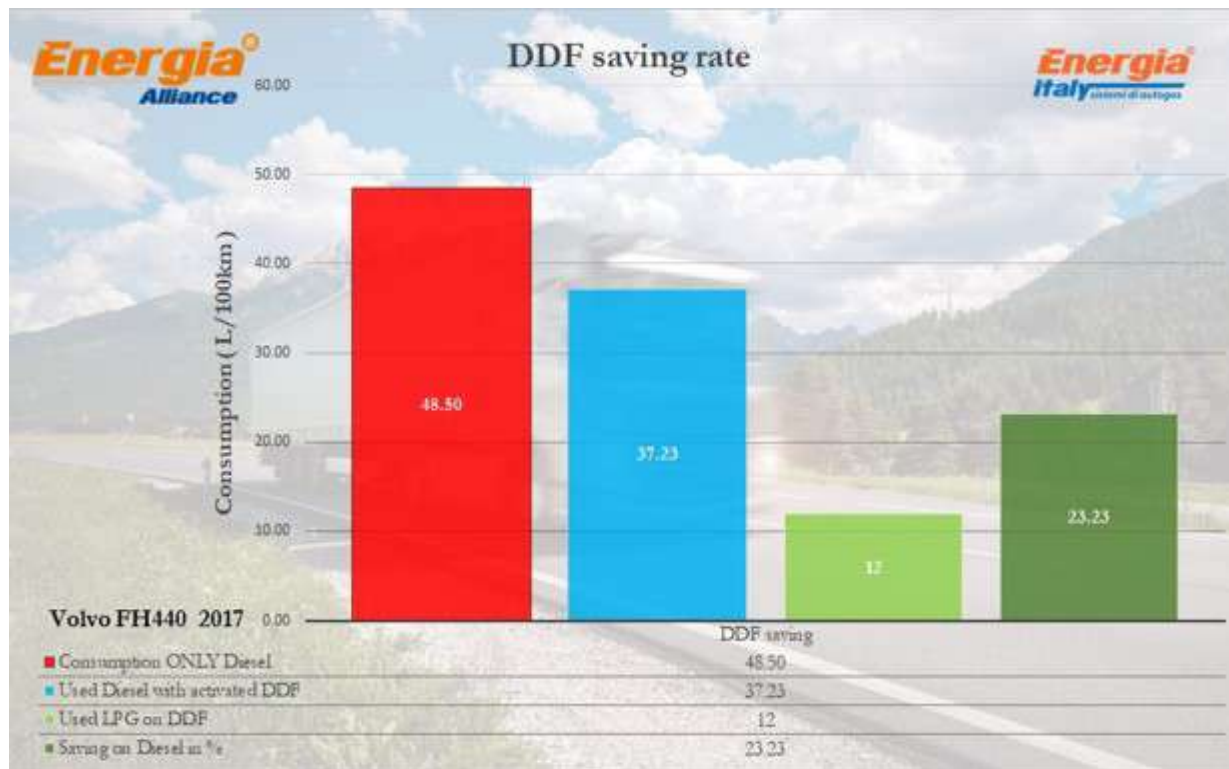





# Volvo Truck CNG Installation



# Saving Data



- 
- ⚡ Liquid Direct injection system under development, it will be one of the first liquid DI system where you don't have to use Regulator and LPG Injectors.
  - ⚡ It will be available by the end of 2021
  - ⚡ Suitable for All Direct injection vehicles.





ENERGIA Fuel solutions provide LPG Dispenser and LPG Storage Tanks in Demand, we have several types of dispensers and pumps the more can be seen at our website [www.energiafuel.com](http://www.energiafuel.com).



# Pre-loading Inspection



# Loading

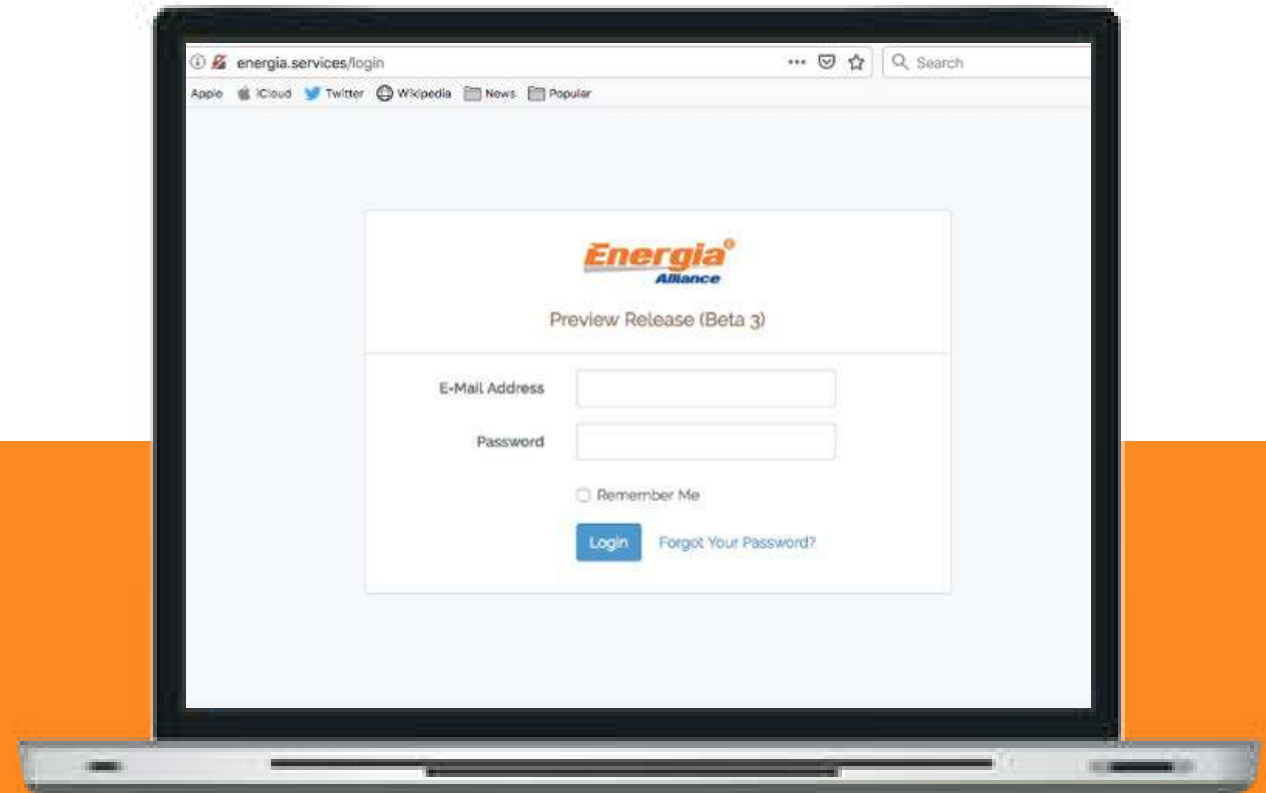




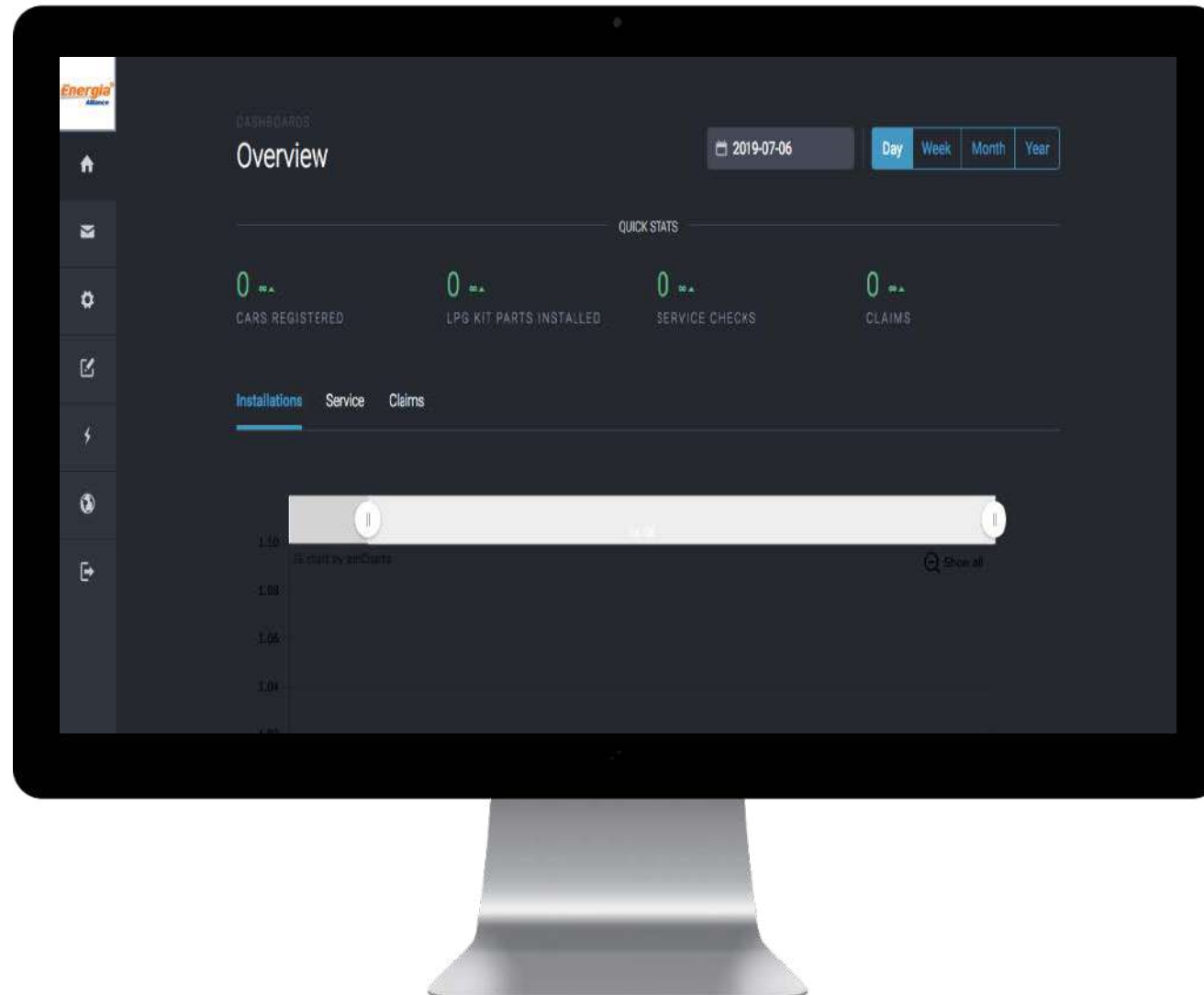
# Online Service

## Energia Services

We are the only company who developed the online service database where our customers , dealers can see all their history details of a vehicle. Send marketing messages to customers, send service reminder to customers and many more can be done.



# Sample Main Page



# Sales Network



**Energia<sup>®</sup>**  
**italy** sistemi di autogas

ENERGIA ITALY SALES NETWORK





# Regional Offices



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ENERGIA ALLIANCE D.O.O



South East Asia  
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## Head Office

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ENERGIA ALLIANCE CO., LTD



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ENERGIA ALLIANCE LTD. STI.