

**HORIZON
2020**

Robust kit to convert diesel vehicles to Natural Gas and Biogas for extended life and reduced contaminants emission

Fact Sheet

Project Information

BLUESKY

Grant agreement ID: 809091

[Project website](#) 

DOI

[10.3030/809091](https://doi.org/10.3030/809091) 

Project closed

EC signature date

2 February 2018

Start date

1 March 2018

End date

30 June 2018

Funded under

SOCIETAL CHALLENGES - Smart, Green And Integrated Transport

Total cost

€ 71 429,00

EU contribution

€ 50 000,00

Coordinated by CRMT SAS

 France

Objective

The pollution spread in the world has forced all nations to fight for the preservation of the planet, through restricting oil derivatives and emission standards. On the other side, the global automotive sector is a huge market with €1,761G of yearly sales. Solutions available in the market, as an alternative to standard diesel vehicles, can be divided into four categories: 1) NG vehicles, 2) Biofuels, 3) Hybrids, 4) Full

electric. These existing technologies fail in providing a cost-effective and transition solution to upgrade current vehicles. Most of all, these solutions do not deal with the existing vehicles and only focus on purchasing new ones. This process of replacing current vehicles will take many years, thus a transition solution is today required to upgrade this vehicles in use, reduce their emissions, reduce maintenance and fuel costs and bring them up to current European Standards. BLUESKY system is a unique kit for conversion of diesel-powered commercial buses and trucks to Liquefied Natural Gas fuel through a computerized and catalyst system. We collect no longer valid diesel engines (Euro IV and V) and extend their technical life meeting Euro VI standard, with the additional benefits of: 1) 20% cost reduction on fuel and maintenance costs, 2) 20% less CO2 emissions, 3) 100% elimination of solid particles emissions, 4) 10 times less of NOx emissions. There are currently 500 NG vehicles (of which 20% of total French NG vehicles) in France, Italy and UK running with our best seller product: CRMT 5+ which is a first version of BLUESKY. CRMT is a R&D SME company founded in 1977, with 22 people and based in Lyon, France. It is specialized in internal engine combustion, alternative fuels and pollutants reduction, with strong expertise in natural gas (NG) engines.

Fields of science (EuroSciVoc)

[engineering and technology](#) > [environmental engineering](#) > [energy and fuels](#) > **[liquid fuels](#)**

[engineering and technology](#) > [mechanical engineering](#) > [vehicle engineering](#) > **[automotive engineering](#)**

[engineering and technology](#) > [environmental engineering](#) > [energy and fuels](#) > [fossil energy](#) > **[natural gas](#)**

[natural sciences](#) > [chemical sciences](#) > **[catalysis](#)**

[engineering and technology](#) > [industrial biotechnology](#) > [biomaterials](#) > **[biofuels](#)**



Programme(s)

[H2020-EU.3.4. - SOCIETAL CHALLENGES - Smart, Green And Integrated Transport](#)

MAIN PROGRAMME

[H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies \(ICT\)](#)

[H2020-EU.2.3.1. - Mainstreaming SME support, especially through a dedicated instrument](#)

Topic(s)

Call for proposal

[H2020-SMEInst-2016-2017](#)

[See other projects for this call](#)

Sub call

H2020-SMEINST-1-2016-2017

Funding Scheme

[SME-1 - SME instrument phase 1](#)

Coordinator



CRMT SAS

Net EU contribution

€ 50 000,00

Total cost

€ 71 429,00

Address

CHEMIN DE LA BROCARDIERE 3

69570 Dardilly

 **France** 

SME 

Yes

Region

Auvergne-Rhône-Alpes > Rhône-Alpes > Rhône

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Last update: 4 September 2022

Permalink: <https://cordis.europa.eu/project/id/809091>

European Union, 2025

