

ACME

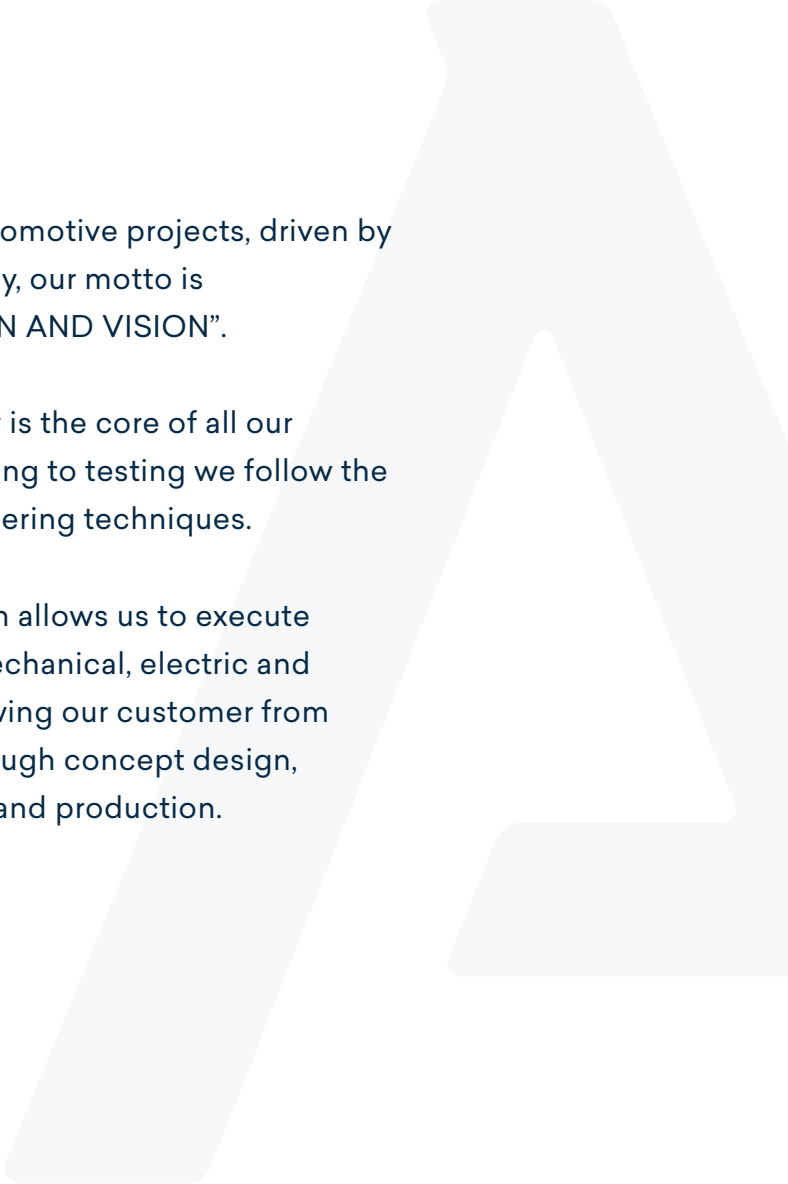


# Who we are

In ACME we create automotive projects, driven by passion and technology, our motto is “KNOW HOW, PASSION AND VISION”.

We believe that quality is the core of all our creations: from designing to testing we follow the most advanced engineering techniques.

This system’s approach allows us to execute turn-key projects in mechanical, electric and electronic fields, following our customer from product’s briefing, through concept design, prototypes, validation and production.





Each customer has his own dream: our aim is to give it shape and power.

What we do every day is to design motorsport and road vehicles components, by doing so we are able to provide our customers the best support and components, listening and understanding their needs.

Through this activity and by constantly listening to their needs, we are able to give our customers an highly-rated knowledge, best components and assistance.

Thanks to our team, ACME offers a dedicated engineering service which follows the design to the optimization and validation of race only and street legal cars.

Our core business is the development of electric and electronic systems, powertrain and chassis.

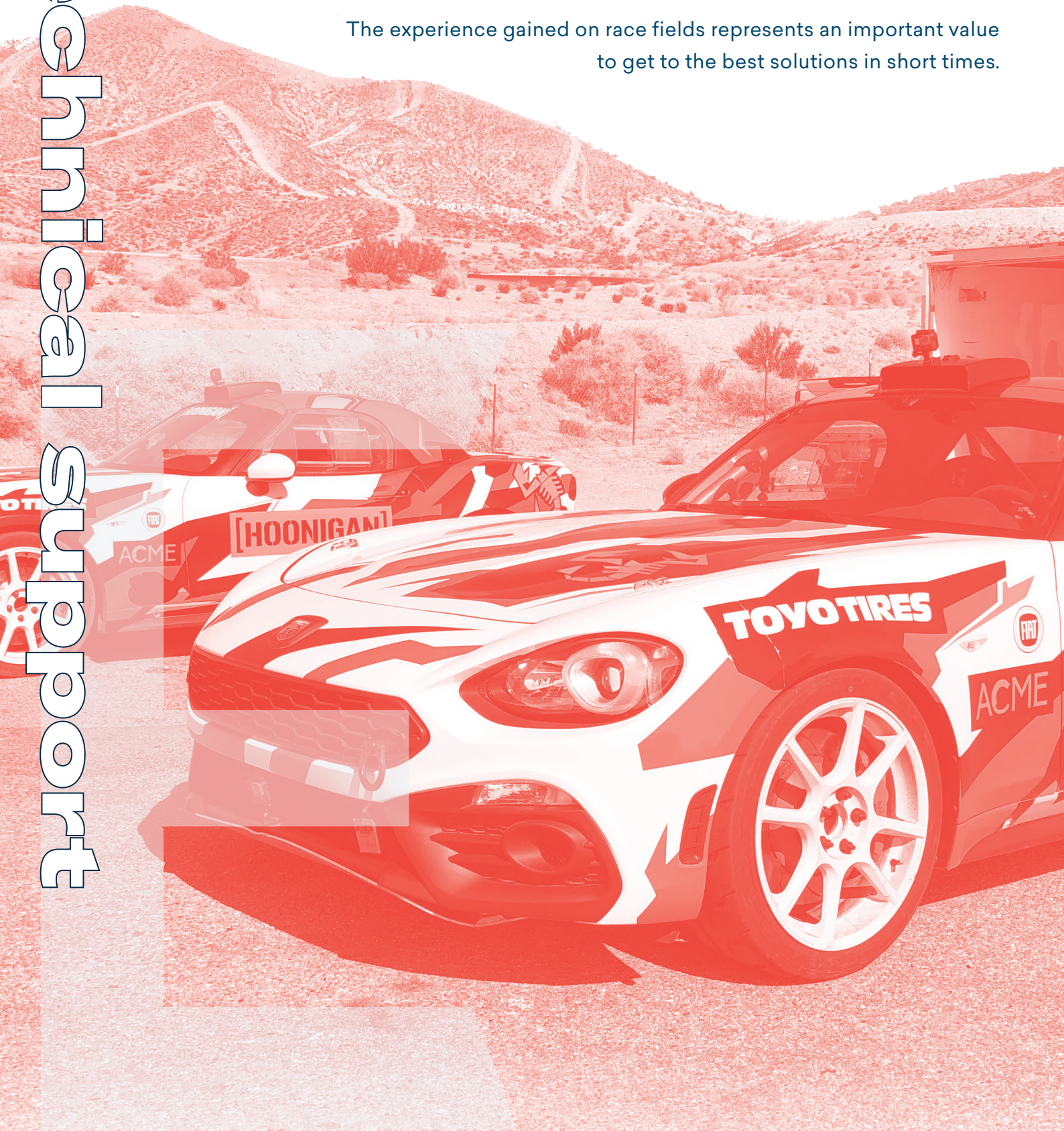
what we do

# technical support

Helping our customers in the development of their challenge is our main goal.

We space from the heat of a trackside in Abu Dhabi to the freezing temperature of the Montecarlo Rally.

The experience gained on race fields represents an important value to get to the best solutions in short times.



# project management

360° vision and integration capability allow us to manage the development of every project supporting customers in every phase: from concept to production, from component's supply to on-field support.

Coordination of different activities, timing, costs and performance complies is the base of our work.

system integration

The electronic architecture is the nervous system of a car: to properly manage it a multi-disciplinary know-how is required.

In ACME we developed an integrative approach optimizing different devices in order to make the communication between them flawless.

The performance's research is possible only through the full control of powertrain and chassis characteristic in every situation.



Motorsport's imprint is in our DNA and we deliver to our customers some of the most important racing values: reaction speed, technology, creativity, passion for challenges.

This is fundamental from development of racing solutions to prototyping for road vehicles, from small-series production to innovative concepts realization.

We are capable of delivering services and products as follow:

- Complete wiring looms
- Connectors and electronic components
- Motorsport and automotive sensors
- Electronic system integration
- ECU and GCU calibration
- Powertrain design
- Bespoke lighting systems
- On-field support
- Technology transfer from motorsport to OEM vehicle manufacture
- High-performance electric and hybrid vehicle powertrain development, including motor, inverter, battery system, cooling systems, transmission and brake-by-wire systems
- Driver-in-the-loop simulation for performance engineering
- Reverse engineering and additive manufacturing technologies

what we produce



# how we do

To guarantee high quality standards and low reaction times we implemented in our headquarter :

- 900 sqm of workshop where we assemble and work on every racing project;
- 120 sqm of laboratory, with a warehouse for connectors and electric components;
- 250 sqm of offices to allow our technicians and back-office team to work efficiently;
- Komax cut and strip automatic machine with marking system for wires;
- Weetech W434 automatic testing machine for complete wiring looms (HV capable);
- Rotronics hub-dyno, for 2/4WD performance vehicle testing and powertrain calibration;
- Climate room for powertrain assembly.

CASE

STUDY



## Alfa Romeo Giulietta TCR Romeo Ferraris

Giulietta TCR, then evolved into Giulietta Veloce TCR, was born in 2015; this definitively marked the entry of ACME, with Romeo Ferraris, into the world of Customer Racing.

ECU, engine calibrations, gearbox calibrations and vehicle wiring are all ACME technologies installed on this touring car.



## Abarth 124R-GT

Project born in 2016 with Abarth's desire to return to the international rally scene.

ACME took care of the design of the entire electrical and electronic system of the car.



## Titan Rallycross

ACME, In collaboration with Pipo Moteurs, has developed and produced electronics and wiring looms of these cars capable of delivering 530hp and 750Nm.

## Wolf Racing cars

ACME is a technical partner of Wolf Racing Cars, a brand born in 1976 by Walter Wolf and immediately active in F1 and Can-Am championship. Since 2009, Wolf is producing CN2 cars which takes part in numerous competitions including the 24h of Le Mans and winning the Pikes Peak in 2019 and 2021.



## Toyota Gazoo Racing Italia Yaris GR4 Rally Cup

Following Toyota success in World motorsport competition, Toyota Gazoo Racing Italy team has developed a Yaris GR based championship.

For this project ACME brought to the market a brand new ECU capable of adding all the needed motorsport-oriented strategy to the OEM system present on the car.

Wiring loom, driver display and control Power Box are also coming from ACME and evolution remain on going following new specification and private customer request.





## FIA ETCR

Since 2020 ACME is involved in production and development of ETCR cars.

Our roles are vehicle wiring-loom creation and electric/electronic subsystem integration.



## Hyundai I30N SBK Safety Car

World Super Bike championship dedicated Safety car has been set up by ACME as a result of the long term cooperation and trust between Hyundai Motorsport Group and us.



## Road legal Few-Off

Few-Off cars are road legal vehicles built to bring unforgettable and thrilling driving experience to their owner.

ACME challenge is to bring Motorsport soul to these cars.

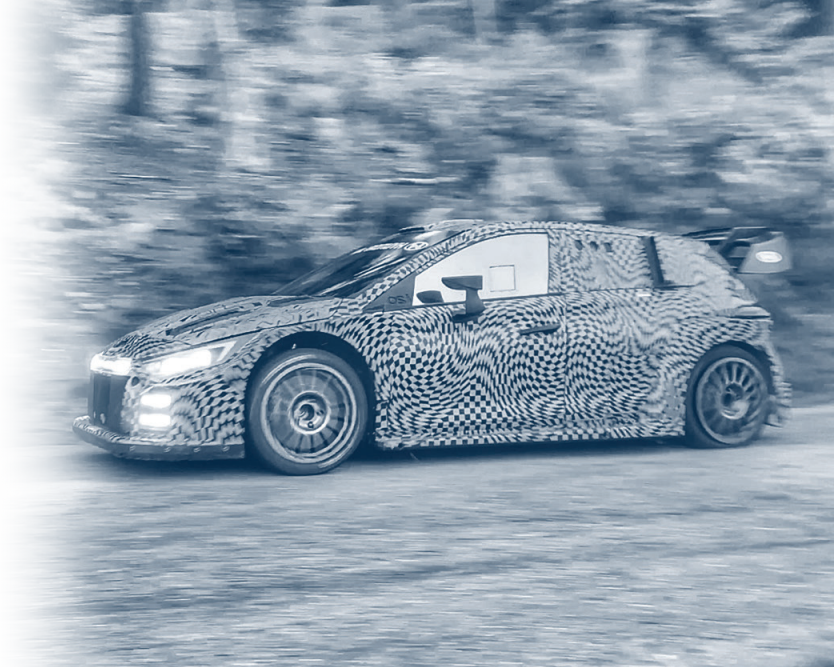


We deliver plug & play electronic solutions going from dedicated engine calibration to BOM validation, from Wiring loom design and production to single systems set-up.

## ACME lighting system

ACME can produce “Off the shelf” lighting systems, headlamps and extra light for motorsport and road use.

This includes design, technical support, testing, and validation at high lighting technology standards.



## Be-spoke electronic system

In ACME we produce and integrate bespoke electronic components.

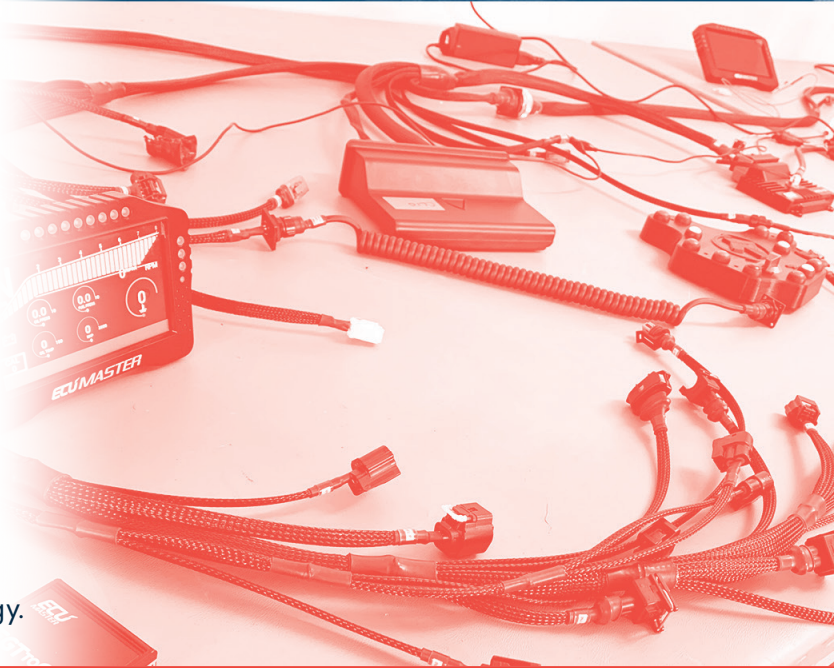
Our products range include complete wiring loom, CAN steering wheel, paddle shift, sensors, load cells and actuators.



## Wiring loom

To properly connect electrical hardware and electronic software is the “go to” for whoever intends to be in this particular market.

Our attitude brings us to intend this link in a different way, driven by a system vision where it is not only important to connect things but moreover to know the reasons why it needs to be done which means functional logic and performance guide us to the most efficient strategy.



## **ACME SRL**

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