



EST MOBILE

ELECTRONICS SYSTEMS TECHNOLOGY

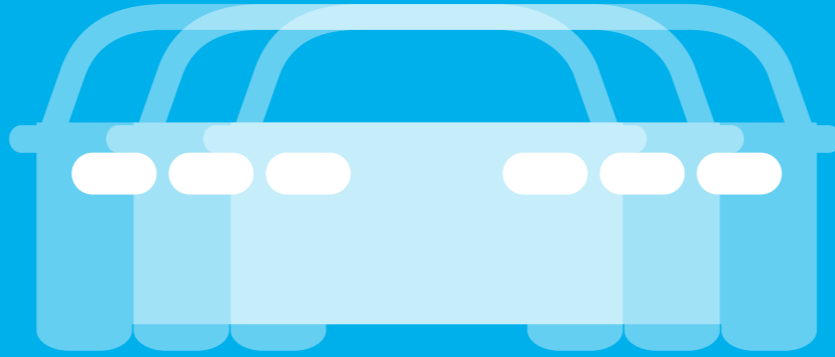
**ABOUT**



---

**EST - Electronics System Technology** - was founded in 1985 as a company specialized in designing and producing **electronic devices** on behalf of third parties. In a few years it began to develop own products based on its greater know-how.

---

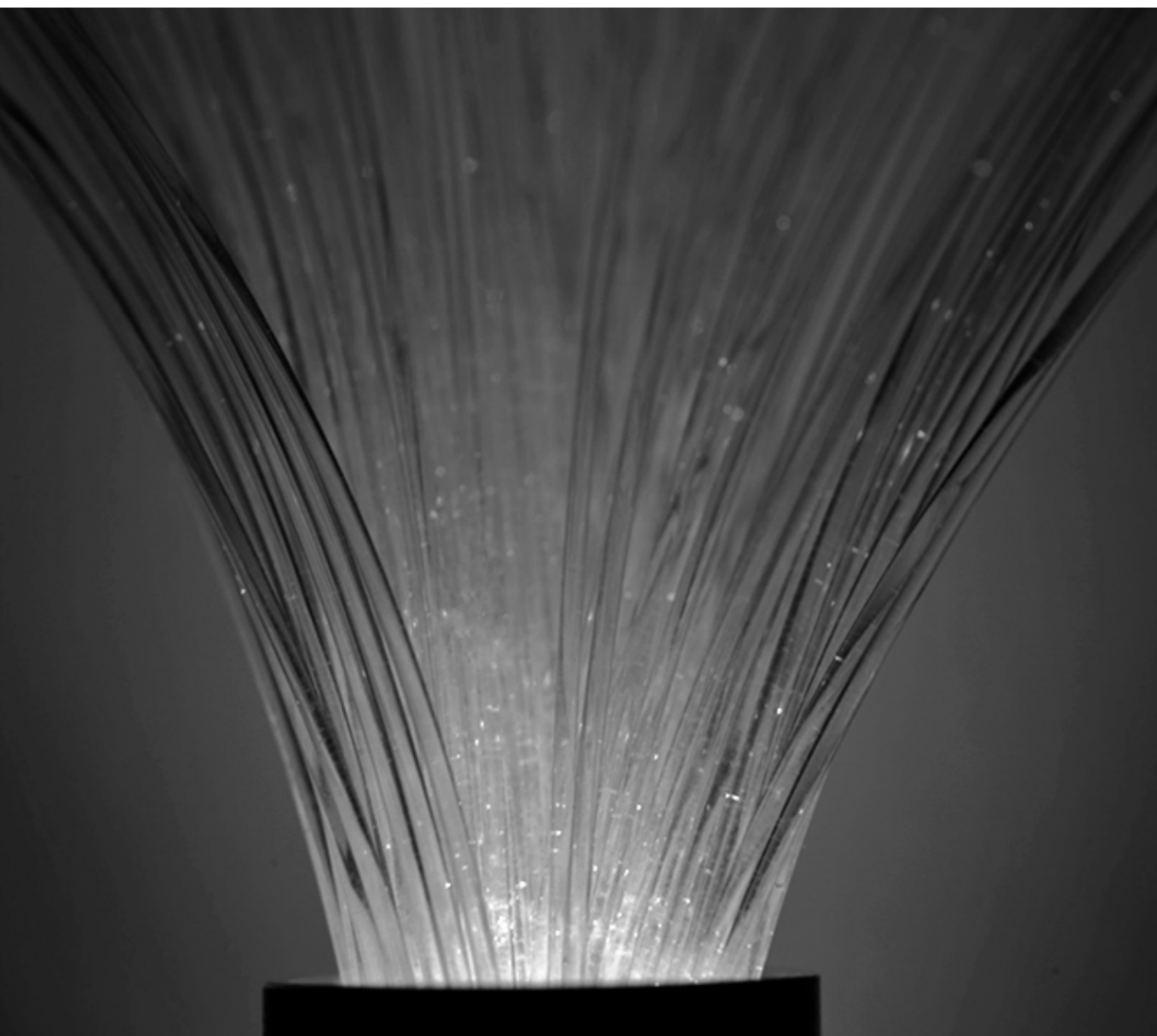


Through **state-of-the-art technologies**, knowledge and **specialized technical staff**, the company designed, developed and manufactured power systems for **switchboards** and connecting devices for ISDN-ADSL networks, **public** and private **telephone network** and **video telephony**.

At the end of the 90's, the **core business** moved from telecommunication to **automotive**.

The company began to develop **digital cluster instruments** for **motorcycles** like tachometers and **dashboards**, **integrated audio and video systems**, **Wi-Fi communication systems**, **front and rear headlamps** with complex reflector optics design, electrical boxes commanding window lifts and **rear view** mirrors.

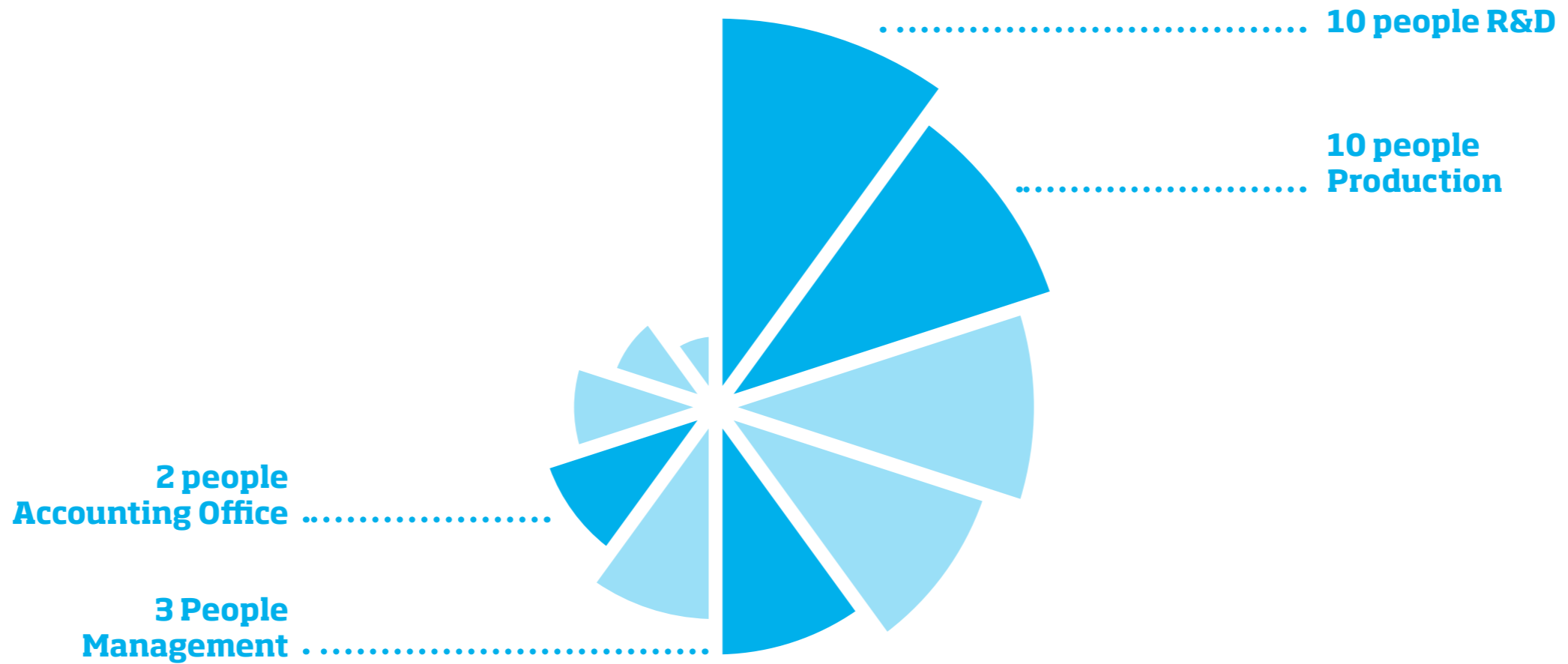
Productions are developed for first equipment and aftermarket.



Since 2006 a part of the company has become **EST Mobile**: it focuses on systems design for automotive and mobility, with care to technology and systems interconnection. Design and development of **powertrain systems for electrical and hybrid vehicles for city cars, infotainment** systems.

The company, **with a specialized supply from LED Italy**, conceives and produces also **LED electronic systems** both for automotive and lighting. LED headlamps, **street and home lighting**, boats lighting, car and yacht **interior design**.

**WE ARE**



# **PROJECT AUTOMOTIVE**





# 1 INFOTAINMENT SYSTEM

---

Est Mobile designs and develops complete systems for the on-the-go interaction. The systems studied are new **human interfaces** of high ergonomic quality. The innovative aspect is a dashboard on which all the functionalities of the graphic interface appear. This allows the conception of a dashboard of every shape, moving away from LCD usual shapes.

Systems consists of **console touch pad, touch projection** and visualization systems. These can be developed through **rear projection** and **OLED displays**.

---

# 2 ENTERTAINMENT SYSTEM

---

One challenge of EST Mobile is to join the **entertainment** and the infotainment system. So, devices are introduced in order to allow the use of **multimedia contents**, Wi-Fi, internet, social network and game console. The entire **home entertainment** on two wheels is integrated in the car.

# 3 LED LAMPS

---

EST Mobile designs and manufactures **car LED headlamps and headlights**. In particular, it deals with prototypes for **innovative concept and top cars**.

# 4 CLUSTER INSTRUMENTS:

---

The development of **digital dashboards** for cars and motorcycles begins from the style required by the customer and tailored on the basis of the vehicle specifications.

# 5 POWERTRAIN

---

EST Mobile studies and develops **powertrain systems for vehicles**.

**MAGNA  
MILA PLUS**

619



Le plaisir de conduire



Freude am Fahren

WORLD PREMIERE.  
THE NEW MINI COUNTRYMAN  
PARK LANE.

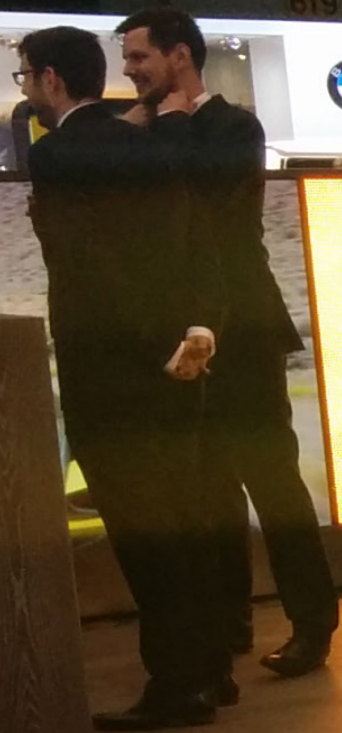


MINI

MAGNA

mila

mila PLUS





**Magna Steyr** presents an innovative two-seat hybrid sports car at Geneva Motor Show 2015. The system led lighting is designed and produced by EST Mobile.

**TATA**  
**CONNECTNEXT**





A complex **HMI (Human Machine Interface)** system.

Presented for the first time during the Delhi Auto Expo in February 2014, it consists of a series of **rear projecting touch screens**, a panel for **intuitive control**, game console, multimedia and videoconference.



**W MOTORS LYKAN  
HYPERSPORT 2014**

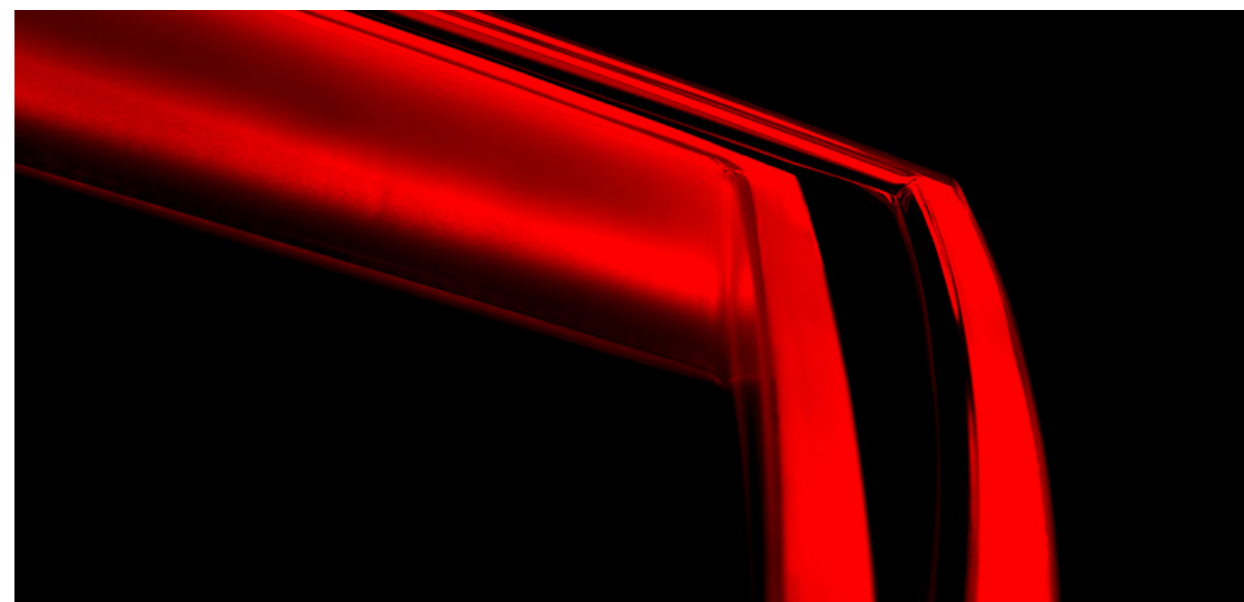


Lykan Hypersport 2014 has been presented at the Dubai International Motor Show in November 2013. EST Mobile designed, developed and set up the **lighting system** of the first exclusive limited series of the Arabian hyper car produced by **W Motors**.





The car lighting system takes advantage of the total use of **LED technology**, which is a peculiarity of the company's projects. The characteristic design is totally harmonized with the electronic components and the LED lights.



**MAGNA  
MILA BLUE**



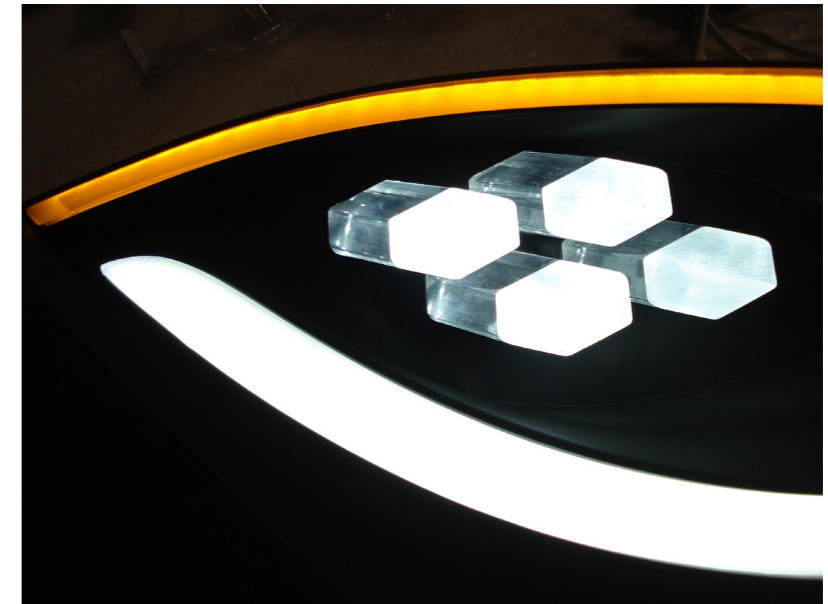
**Magna Steyr** presents, at the Geneva Motor Show 2014, the **Mila Blue**, a city cars with low consumption. The system led lighting is designed and produced by EST Mobile.

# **TATA MEGAPIXEL**



A little-mega **concept car** which hides stylistic and technological refinements. A **hybrid vehicle** with 4 suspended seats that can be managed separately, and an **HMI touch screen** that commands the entire vehicle **infotainment**.

EST Mobile conceived and developed both the **car lighting** and the HMI system. Headlamps are totally conceived with LED technology.



**TATA PIXEL**





Pixel is a **concept car** having a futuristic design. EST Mobile designed and produced the entire car lighting, the **interior design** and all the **headlights**. The headlamps have a unique design and have been conceived with LED technology. The front headlamps are characterized by **LED prisms**, bounded by a white stripe (high beam) and a yellow one that goes until the rear mirrors (direction indicators).

# OTHER PROJECTS

**BIMOTA DELIRIO**



**DUCATI MH900E**



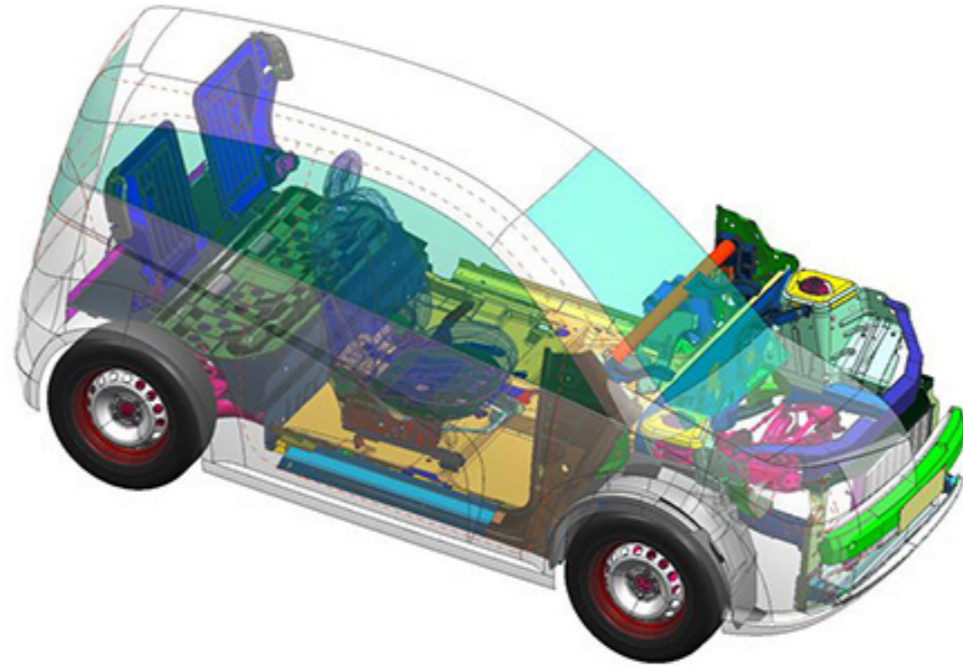
**VOXAN DASHBOARD**



## BELUMBURY DANY



## CARCERANO CITY CAR



# PROJECT LIGHTING



### **INTERIOR DESIGN CAR**

EST Mobile is specialized in the study and the production of **car interior lighting**.

### **BOATS LIGHTING**

Internal and external **lighting systems for boats and ships** are developed on demand.

### **HOME LIGHTING**

Complete study of a home environment with **diffused RGB**, in order to obtain an involving aesthetic result.

### **STREET LIGHTING**

Designs and develops ad hoc lamps for street lighting.

### **SHOPS AND RESTAURANT**

In the **entertainment** sector in places like **stores, bars and restaurants**, EST Mobile realizes specific studies and installations based on the customer's demands.

# **FIAT 500**

# **INTERIOR LIGHT**



Through the use of the **LED Lightex textile**, a **special equipment for Fiat 500** has been realized. The bright textile has been sewed in the leather trim according to a predefined style.

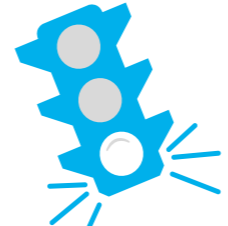


**HOW IT WORKS**

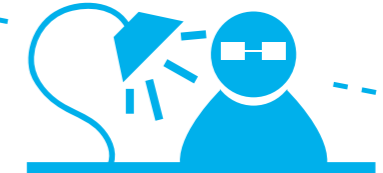
# CLIENTS

STYLE OR IDEAS

The project can start from an idea of the client or from a style which he defined



**EST MOBILE**  
START PROJECT



**FEASIBILITY STUDY**

PROPERTIES

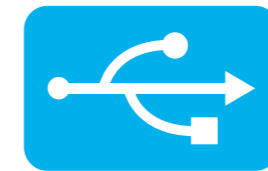
LAYOUT

**BUDGET**

ELECTRONIC

MECHANICS

INDUSTRIALISATION



**PROJECT**

Study and realization of the project from the point of view of mechanical and electronic products to get to its industrialization

# PROTOTYPE

PCB electronic board dedicated to the design and production of molds specifically for the manufacture of the **product**

# MASS PRODUCTION

Optimization of the production process for mass production

**CONTACT US**



**+ 39 011 19886636**



**[information@est-mobile.it](mailto:information@est-mobile.it)**



**Cesare Luda 2 street  
10022 Carmagnola  
(TO), ITALY**

**[www.est-mobile.it](http://www.est-mobile.it)**