



**Total Aftertreatment Solution Provider
who cares cleaner and better future**



VISION

“We believe a company with Passion CAN change the World for the better.”

The world is facing big there challenges that begin with “E”; to reduce harmful Emission, to improve Efficiency for coping with global climate change, and to make lower solution costs for better Economy. ECUBE pursues the total solution provider for the E3 problem – complicated equation mixed with those three “E”s – based on decades of engine and aftertreatment development experiences and passion for success.

We believe ECUBE solves YOUR problem and that can change the world for the better.



Customer Service

ECUBE provides to respond to problems by focusing on customer. Global service centers enable quick response and problem resolution for VOC.

Concept

ECUBE provide various services during the development phase. ECUBE has well-organized development process to provide aftertreatment solutions for customer needs at the first concept phase.

Manufacturing

Quality control is the key to success in the manufacturing process. Leak inspection, welding monitoring and fool proof systems are available with global to manufacturing quality.

Design

In design process, ECUBE provides various simulations on vibration, noise, flow and thermal analysis for better performance. Our experiences on various applications also lead to results for reliable solutions.

Validation

ECUBE provides specialized solutions for small batch production of various types of industrial equipment. We can support system integration and validation services to provide optimal solutions for customer.

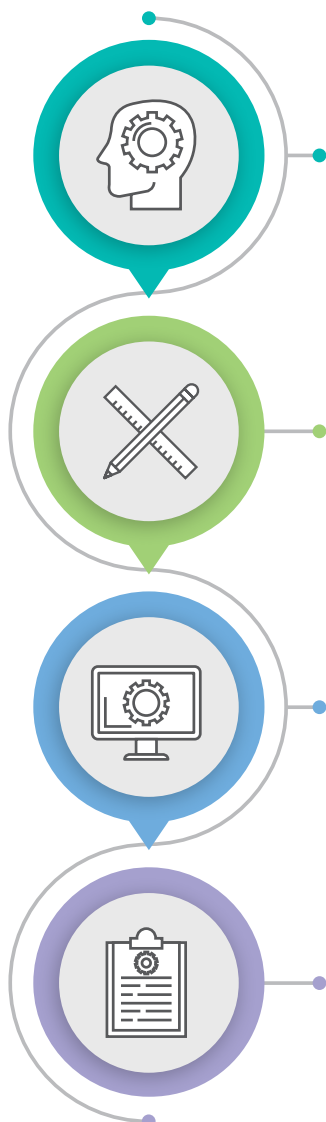
Sourcing

Our manufacturing plants are around the world in America, Europe, and China with close relationship with global suppliers. They are ready to supply from small to large quantities of products as quickly as customer’s needs.



LEADING-EDGE PROVEN TECHNOLOGY

Based on decades of experiences of engine and aftertreatment system developments, ECUBE proudly provides customer with aftertreatment system solutions by leading-edge proven technologies. From the early stage of developments, we work closely with customer to see the best solution for various needs. Every requirement for the system is reflected in detailed design, by virtue of advanced simulation and analysis technologies. It is also critical that all engine and aftertreatments should be integrated in various vehicle applications and we know how to do it. Finally, from a small component to fully-g geared vehicles, ECUBE proves reliability of the system under very harsh test conditions including emission regulation tests, and final performance is guaranteed by the support of optimized calibration we serve. Not only we care what we can do right now, but also we seek for the next-step aftertreatment solution technology like ultra-high efficiency SCR, improved system compactness and modular, communized components to maximize customer benefits.



Concept Design

To meet customer's needs, we try to find harmony of engine and aftertreatments at the very first stage of developments.

Detailed Design

We care not only for catalyst specs, but total performance of pressure loss, mixing, uniformity and heat managements.

System Integration

We know how to deal with installation for engine and vehicle system robustness while maintaining best efficiency

Validation

To maximize customer satisfaction, we prove reliability on various test environments and final performance via optimized calibration

EXPERIENCE & FLEXIBILITY

ECUBE solution provides customer-oriented aftertreatments that meet various needs for applications. Based on various experiences on aftertreatments, ECUBE offers three standard solutions that meets requirements of engine and application types.



Emi-CUBE

It is an aftertreatment system installed in heavy-duty construction equipment and industrial vehicles capable of meeting strict emission regulations like non-road Tier 4 Final and Stage V. It is also compact and robust in severe vibrational and thermal loads.

Effi-CUBE

We call it One-Box as well, meaning that all the aftertreatment system is integrated in one box-shaped and it is mainly used in commercial vehicles (buses, trucks). It is designed to cover with high exhaust regulations like EURO-VI, and to be mounted on any type of heavy-duty vehicles. It is famous for very high SCR efficiency, more than 98% even in cold/hot average cycles.

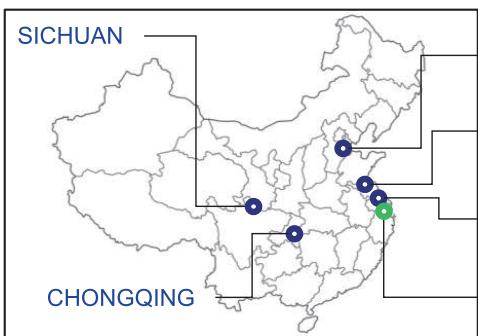
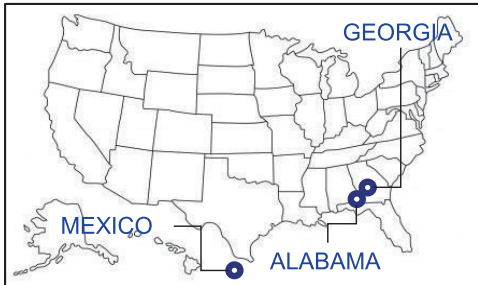
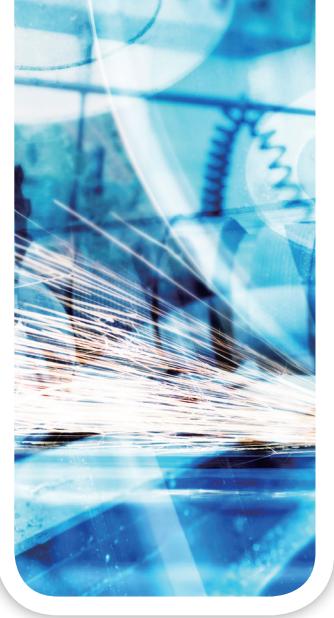


Eco-CUBE

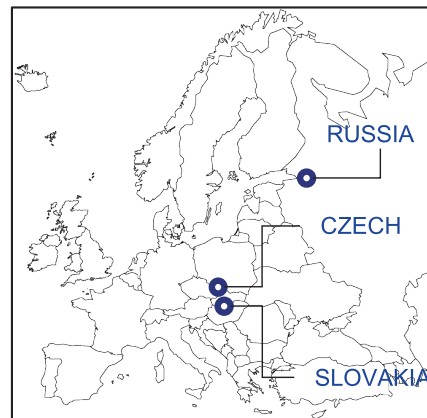
Eco-Cube is an economic model that can be provided in relatively low-regulation areas. It is developed in an optimized form to respond to CN4 in the Chinese market and other countries.

These standard solutions can be adopted in various on-road and off-road applications. Solutions from ECUBE are highly flexible in interface design like in/out pipe angle and length, mounting brackets and clamps to hold DPF and each catalytic components. By strong collaboration with ECUBE, our standard solutions can be tailor-made ones to meet every customer's needs.








GLOBAL MANUFACTURING SITES



BEIJING
YANCHENG
TAICANG
SHANGHAI



ECUBE KEY PRODUCTS

					Regulation	Engine/Power
Diesel	DOC/ DPF + SCR	Industrial			Stage V (China4)	~4L (~100kW)
		Commercial Vehicles			Euro-VI	5~13L (200~350kW)
	DOC/ DPF or SCR	Industrial			Stage V (China4)	~3L (~56kW)
		Commercial Vehicles			Euro-V	~13L (~330kW)

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