



At the dawn of the automotive industry's transformation into a mobility society, we believe that it is important to promote a responsible transition based on the concept of multi-pathways toward a truly sustainable society, and for that we fully agree on the role that engines can play as the key to support the age of electrification.

G7広島サミットでのメッセージ MESSAGE AT THE G7 HIROSHIMA SUMMIT

DIVERSITY IN CARBON NEUTRALITY

カーボンニュートラルにも、多様性を。

Faced with the global crisis of climate change the world must come together and do everything that can be done immediately toward achieving carbon neutrality.

That's why all of Japan's automakers, already leaders in the development of electric vehicles, have engineers hard at work pursuing practical applications for hydrogen and carbon neutral fuels, updating logistical systems, and enhancing research within their respective fields of production, transport, and utilization.

United in the conviction that diverse solutions leaving no one behind is what makes us strong enough to face global issues, the automakers of Japan are proposing a range of possibilities for carbon neutrality.

気候変動という地球規模の危機が迫るいま、カーボンニュートラルの実現に向けて、世界中のみんなが一丸となり、今すぐできることから行動を起こす必要があります。

そのために、歴史ある日本の自動車産業は、多様な取り組みを進めています。脱炭素化をけん引する電気自動車の開発を筆頭に、水素・カーボンニュートラル燃料の実用化や物流改革などそれぞれの技術者たちが「つくる」「はこぶ」「つかう」各領域で切磋琢磨しています。

だれ一人取り残すことのない、この多様な選択肢こそが、地球規模の課題と向き合うチカラになると信じて。いま、日本の自動車メーカーがひとつになり、世界に向けて、カーボンニュートラルの可能性を発信します。

At the G7 Hiroshima Summit, the message was also that we should work toward carbon neutrality through a variety of options.

By working together with like-minded colleagues in friendly competition and cooperation, we will continue to provide exciting vehicles for our customers.

ビルディングブロックによるマルチソリューション戦略 MULTI-SOLUTION STRATEGY WITH BUILDING BLOCKS

BEV専用群 BEV MODELS

プラットフォーム
PLATFORM



ラージ群 LARGE PRODUCT GROUP

縦置き型プラットフォーム
LONGITUDINAL PLATFORM



スモール群 SMALL PRODUCT GROUP

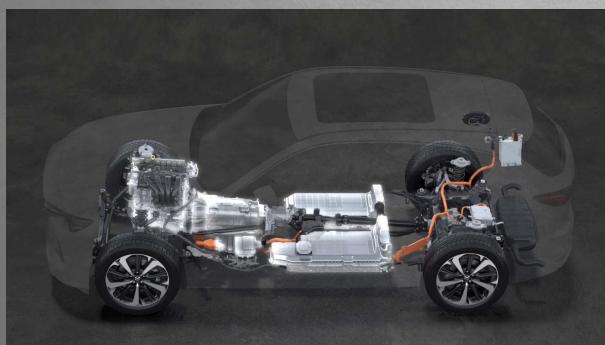
横置き型プラットフォーム
TRANSVERSE PLATFORM



Since the announcement of our long-term technology vision in 2007, we have been building a multi-solution strategy based on the LCA (*Life Cycle Assessment) approach, in which technological assets are stacked like building blocks.

既販車も含めたCO2総排出量削減

REDUCTION OF TOTAL CO2 EMISSIONS
INCLUDING VEHICLES ALREADY SOLD



電動化+エンジン
ELECTRIFICATION + ENGINE



カーボンニュートラル燃料
CARBON-NEUTRAL FUELS

And now, by combining electrification with engines and promoting initiatives that include carbon-neutral fuels, we will reduce the total amount of CO2 emissions including those of existing vehicles from the current level.



We also believe it is very important to encourage more customers to participate in global environmental conservation by providing a variety of solutions tailored to their needs, wants, and lifestyles.

From this perspective, I strongly support the efforts announced yesterday by Idemitsu Kosan Co., Ltd., ENEOS Corporation, Toyota Motor Corporation, and Mitsubishi Heavy Industries, Ltd. to accelerate the adoption of carbon-neutral fuels in society through cross-industry collaboration, and I look forward to working with them to promote their use.

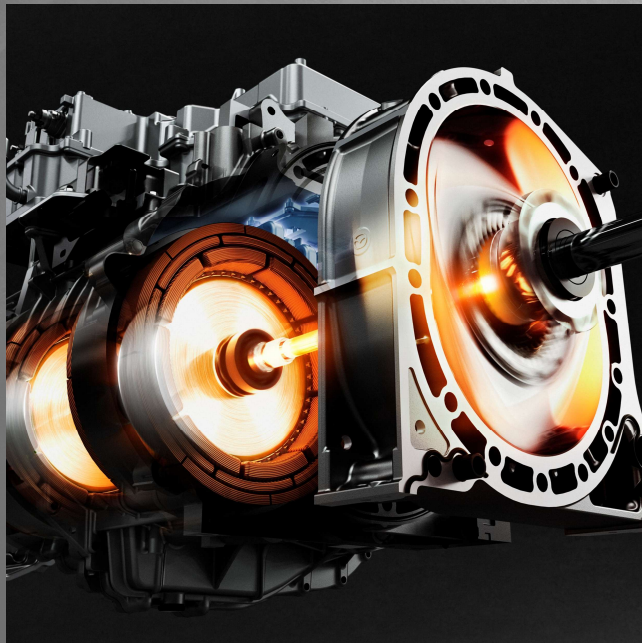


Regarding the internal combustion engine in the age of electrification, which is the agenda this time, we have a unique internal combustion engine, the rotary engine, which we have been researching and developing for many years.

ロータリーエンジンの環境性能に着目 FOCUS ON ROTARY ENGINE'S ENVIRONMENTAL PERFORMANCE



We have also focused on opportunities for environmental performance of rotary engines from early on, including the combustion of hydrogen around 1990.



小型 × 軽量 × 高出力
COMPACT x LIGHTWEIGHT x HIGH POWER

燃料の雑食性
COMPATIBLE WITH A VARIETY OF FUELS

電気ユニットとの組合せ自由度
FLEXIBLE COMBINATION WITH ELECTRIC UNITS

パッケージ革新
PACKAGE INNOVATION

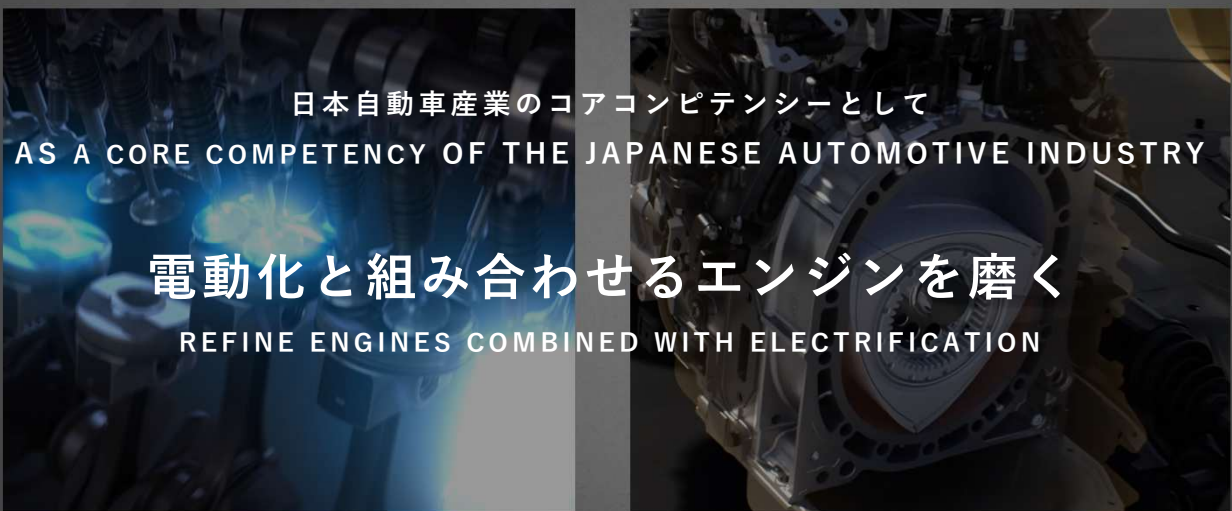
静粛性・振動の少なさ
QUIETNESS, LOW VIBRATION

The rotary engine is small, lightweight, and high-powered, and due to the nature of its structure, it is characterized by the omnivorous nature of fuel.

It may not be well known, but in addition to its compact size that allows a large degree of freedom for the layout of engine auxiliaries, when combined with electric devices, the space efficiency and ease of installation is a major advantage, as it allows for innovative packaging and design. I also believe that the quietness and low vibration characteristics are its unique values.



I believe that the rotary engine has great potential as a unit that can provide new value in the age of electrification, and we are currently focusing all our efforts on developing the engine to comply with emission requirements, an issue that must be overcome.



I also believe that the development of the engine's emission compliance will give us the most crucial key technology in the future and will certainly be a beneficial experience.

If we can make this kind of learning into a new area of collaboration, we believe that we will be able to refine engines combined with electrification as a core competency of Japanese automotive industry and increase its competitiveness in the age of electrification

マツダの独自技術の代名詞

SYNONYMOUS WITH MAZDA'S UNIQUE TECHNOLOGY



Lastly, the rotary engine is synonymous with Mazda's proprietary technology.



ロータリーエンジンを社会に広く貢献できる技術に
MAKING ROTARY ENGINE A TECHNOLOGY
THAT CONTRIBUTES BROADLY TO SOCIETY

I believe that it is our mission in this era to make it possible to utilize the rotary engine as a technology that can contribute widely to society. We are committed to strive for this mission with our challenger spirit.

Now, let me wrap up this part.



This picture was taken at the joint press conference held exactly one year ago at Fuji Speedway, and I am very happy to have this opportunity once again that the three companies gather to express the common thoughts nurtured together with Mr. Sato and Mr. Osaki in front of you.

We will change the future of engines in the age of electrification through ‘competition’ and ‘co-creation.’ We will expand our network of like-minded people and work together in friendly competition to realize a responsible transition to a carbon-neutral society where no one is left behind in a multi-pathway environment. We hope that you will share our passionate thoughts at today's workshop. This concludes my presentation.
Thank you.