

## 生ごみで自動車が走る時代へ！

### 世界初 生ごみ燃料電池発電

映画「Back To The Future」のラストシーンで、未来から戻ってきた博士が自動車型タイムマシンに路上のバケツから生ごみを取り出して入れる。そんなシーンを覚えているだろうか？未来では生ごみを燃料にして自動車が走るの？そんなことできるの？と疑問を感じた人もいただろうが、この新世紀の始まりにそれが今、現実となる。

### 生ごみ燃料電池発電施設がついに完成！

生ごみ発電はこの度、新エネルギー供給目標の中にバイオマス発電として新たに導入された。有機性廃棄物である生ごみを燃やすことなく、電気を起こすという点で、廃棄物発電とは異なる。近年のごみ処理問題と温室効果ガス削減に寄与する、夢のような技術が実用化への第一歩を踏み出した。

## In the Future, Automobiles will run on Organic Material!

### First known to date Fuel Cell power generation using organic Material

In the last scene of the movie “Back To The Future”, the professor, who had just returned from the future, takes garbage from a road side garbage can and puts it into his automotive time machine. Is this a scene that we are familiar with? Can the autos of tomorrow actually run on organic garbage? Is that possible? Several people ask with doubt; however, in this new era, then is now-- it is currently being developed.

## A Fuel Cell Power Generation Station based on Organic Waste is up and Running.

Power generation from organic waste has been reintroduced in the form of using biomass for power generation. Amid goals for supplying alternative energy, power generation from organic waste is performed without burning the waste, and is therefore different from waste incineration power generation. A dreamlike technology that contributes to the reduction of greenhouse gases and waste control problems that have grown in recent years has taken its first step towards commercialization.