

S U B M I S S I O N

TO THE

**INQUIRY INTO THE MANAGEMENT OF AUSTRALIA'S
WASTE STREAMS**

BY THE

**ENVIRONMENT, COMMUNICATION AND THE ARTS COMMITTEE
OF THE AUSTRALIAN SENATE**

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The purpose of this short submission is to make available a video tape on the production of energy from waste, a common approach to waste management in Europe and Asia.

The video depicts power plants in Singapore and Japan used to generate energy that is fed into the electricity grid.

Both countries also run recycling programs, but tend to collect recyclable materials that have a higher value as material rather than as energy.

Much of the energy generated is carbon neutral as it is largely derived from plant based material.

These plants also recover metals such as steel and aluminium more effectively than kerbside recycling programs as close to 100% is recovered using magnets and eddy current devices.

Residual material can be used as road base,

Energy from waste makes a substantial contribution to material recycling in Europe, in particular in Switzerland, Netherlands and France.

Attachment: VHS Video – Waste-to-Energy