Advanced Braking Technology Ltd
ACN 099 107 623
Unit 1, 3 McDonald Street
Osborne Park, WA 6017
Postal Address
PO BOX 1177
Osborne Park, WA 6916
Telephone: +61 (0) 8 9273 4800
Facsimile: +61 (0) 8 9201 9986
Email: info.perth@advancedbraking.com

ASX/MEDIA RELEASE **19th July 2012**

Advanced Braking Commits to Commercial Production of Improved Garbage Truck Brake

- SIBS® garbage truck brakes to go into commercial production this financial year
- Demonstrated extended service intervals for waste operators
- Proven reduction in environmental impact of garbage trucks on local communities
- Compatibility with ABS 'anti-skid' systems

Advanced Braking Technology Ltd (ASX:ABV) ('**ABT**' or '**Company**'), today announced that, following a detailed technical and commercial review by the Board of Directors, approval has been given to undertake final preparations to commence commercial production this financial year of the patented SIBS® garbage truck brake.

Over a 4 year development period costing in excess of $4 million, extensive testing has demonstrated the SIBS® garbage truck brake met, and regularly exceeded, the expectations set down at the project inception, indicating it is a compelling new braking system for waste operators. Testing has confirmed the SIBS® garbage truck brake offers:

- A significant extension in servicing intervals, giving operators two years or more between major servicing;
- A total elimination of fine particulate emissions;
- A reduction in tyre wear;
- The total elimination of brake squeal common on waste collection vehicles;
- Improved brake feel;
- Compliance with applicable international standards for truck braking;
- Consistent performance between service intervals, and
- No requirement for periodic adjustment to maintain performance and full functionality.

Reduced servicing costs

Recent testing of a number of vehicles in both heavy-duty test track operation and municipal waste collection by a local authority has demonstrated low levels of brake wear. More than 2,400 accumulated hours of testing confirm an expected service interval of beyond two years. In contrast, waste operators report that standard brake wear components need replacing on average two and a half times per year.

Compatibility with ABS

A major achievement in recent weeks, leading up to the Board's decision, was completion of testing confirming that the new braking system can be integrated with a standard ABS 'anti-skid' brake control system.

Importantly, this allows the Company to offer the SIBS® garbage truck brake both on new truck sales that are fitted with ABS, as well as retrofit on vehicles both with or without ABS. An added attraction will be that in upgrading an existing vehicle with SIBS® garbage truck brakes, customers can also elect to upgrade to ABS at the same time.

Simplified Cooling System

An improved and simplified brake cooling system has been tested over recent weeks, confirming that target cooling rates are being achieved, while offering cost reductions due to its simplicity. This has further enhanced the business case to proceed to commercialisation of the SIBS® garbage truck brake.

Production and Marketing

Commitments can now be made to commence commercial production, including finalisation of supply agreements with key parts vendors, construction of production dies and tooling, and the manufacture of pre-production samples to ensure they comply with dimensional and material specifications.

As production samples are being produced and assessed over the next 6 months, a range of other testing including the evaluation of trucks operating with the SIBS® garbage truck braking system, will continue, adding to the bank of knowledge to arrive at the final optimum specification for sale to customers.

In parallel with final steps to have brakes available for sale mid-way through the current financial year, the Company will also begin to increase its marketing efforts to identify customers that will be in a position to place orders for braking systems. Initially, the Company expects to sell brake sets to retrofit existing trucks. ABT will also be working with truck manufacturers, so the SIBS® garbage truck brake can be specified as part of the original equipment in a new truck purchase.

ABT CEO Ken Johnsen stated, "This important decision by the Board to proceed to commercialisation of the SIBS® garbage truck brake will broaden the Company's product offering to the attractive, and importantly, recession tolerant, global waste disposal market. Sales of the SIBS® garbage truck brake will augment the Company's sales into the mining market this financial year, and have the potential to eventually become the major revenue stream for the Company."

- ENDS -

For further information, please contact:
Mr Ken Johnsen, Chief Executive Officer
Advanced Braking Technology Ltd
Telephone: +61 (0)8 9273 4800

About Advanced Braking Technology Ltd

Advanced Braking Technology Ltd (ASX: ABV) develops innovative braking systems, with its main product being the Sealed Integrated Braking System (SIBS®), a comprehensively patented Australian invention, now used widely in light commercial vehicles in the mining industry.

SIBS® is a fully enclosed, single rotor, high speed wet brake. The brake rotor runs in a bath of oil that serves to cool the brake and minimise wear. An innovative fail-safe feature is incorporated into the rear axle brake. As a result, the brakes are virtually wear and maintenance-free and may outlast the vehicles they are fitted to, unlike conventional drum and disc brakes. SIBS® brakes deliver better safety, improved productivity and lower operating costs, and are engineered to survive the harshest conditions. The proven technology is environmentally friendly, eliminating brake dust emissions and noise and squealing, and provides benefits for on-road, off-road and industrial applications in terms of safety, reliability, performance and adaptability.

Following the success of the product in the mining sector, the Company has branched into the waste disposal sector, developing the SIBS® technology into an innovative garbage truck braking system. After four years of development, the Company is now making preparations to begin commercialisation of the product.

Based in Perth, Western Australia, Advanced Braking has a manufacturing plant in Thailand, worldwide patents on its technology and an extensive reseller network.