

# ENVIRONMENTAL INITIATIVES THROUGHOUT THE PRODUCT LIFE CYCLE

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## MANUFACTURING



## SALES & SUPPLY



Daikin's efforts to reduce its environmental impact start as early as the manufacturing stage, comprising of:

RESEARCH & DEVELOPMENT

PROCUREMENT

ASSEMBLY

While expanding its sales and supply activities, Daikin is working hard to raise awareness among its affiliates and their customers to help protect and conserve the environment:

SALES ACTIVITIES

LOGISTICS



## USE



## END OF LIFE

Environmental efforts don't stop once Daikin Europe N.V. has sold its products. Throughout its entire product range, Daikin Europe N.V. shows the same pioneering concern for reducing the global warming impact caused by energy use and potential refrigerant emissions:

RESIDENTIAL

COMMERCIAL

INDUSTRIAL

Proving its concern for the environment, Daikin Europe N.V. is among the first manufacturers in the HVAC-R industry to set up voluntary take-back schemes across Europe:

RECYCLING SCHEMES

# END OF LIFE

DAIKIN EUROPE N.V. IS AMONG THE FIRST MANUFACTURERS IN THE INDUSTRY TO SET UP VOLUNTARY TAKE-BACK SCHEMES ACROSS EUROPE TO RESPONSIBLY DEAL WITH ITS PRODUCTS' WASTE AT THE END OF THEIR USEFUL LIFE.

## → DAIKIN EUROPE N.V. RESPONSIBLY DEALING WITH WASTE

*Award*



### INDUSTRY'S FIRST RECYCLING SCHEME: DAIKIN UK

Daikin UK launched an industry-first recycling scheme in 2007. Under this recycling scheme, air conditioning equipment that has reached the end of its life, whatever the manufacturer, is collected on site and taken to an authorised recycling facility. Here, the equipment is dismantled in such a way that any hazardous substances are destroyed and reprocessed, with up to 95% of the residual matter reclaimed for further use. Going beyond compliance with the British law under the EU's WEEE<sup>13</sup> Directive, Daikin UK also included fixed air conditioners in its take-back scheme.

As the first company in the industry to offer this service, Daikin UK saw its efforts rewarded by a 'National Gold Award' at the prestigious 'International Green Apple Awards 2007' for 'Environmental Best Practice'.

<sup>13</sup> WEEE: Waste Electrical and Electronic Equipment.

➤ Top botanist and TV personality Professor David Bellamy (right), presented the trophy to Mark Dyer, Marketing Manager, Daikin UK.



➤ In Greece, RASA collected 243,781 kg of air conditioning equipment in 2007, almost double the volume of 2006.

### RASA RECYCLING SCHEME STEAMING AHEAD: DAIKIN GREECE

Daikin Greece has retroactively been a member of the Appliances Recycle S.A. (RASA) WEEE collective management scheme since April 2006. By also including industrial systems (such as chillers) in this scheme, Daikin Greece is the only Greek company to date that goes beyond mere WEEE compliance.

In calendar year 2007, RASA collected 243,781 kilos of discarded air conditioning equipment at 6 recycling plants. Four additional plants are scheduled: 2 for 2008 and 2 for 2009. Another significant figure is the total percentage of usefully recovered waste in 2007. Reaching 83.66%, this figure is well above the 50-80% threshold imposed by law.

### SUCCESSFULLY PROMOTING WEEE EFFORTS: DAIKIN PORTUGAL

With over 250 collection points and 3.7 tons of discarded air conditioning equipment collected in 2006-2007, AMB3E – Portugal's WEEE collection scheme – started its recycling operations in FY 2007. As chair of AMB3E, Daikin Portugal is playing a pioneering role in setting up the scheme and raising awareness across the industry. An intensive TV and radio campaign in 2007 called upon the Portuguese population to help reduce WEEE.