

# Environmental initiatives throughout the product life cycle



**1**

**Manufacturing**

**2**

**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



**3**

Use

**4**

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 industry to set up voluntary take-back schemes across Europe:

**Recycling schemes**

# 4 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 UK's end of life take-back scheme

The recycling scheme for air conditioners that Daikin UK successfully launched two years ago is steadily progressing. This award-winning scheme was devised as a service to customers and encourages the recovery and recycling of equipment that is not currently covered by the WEEE Directive. This year's results are again promising: over 50 tonnes of equipment were recovered at a recycling efficiency of over 90%, all in compliance with environmental regulations. Adhering to this scheme underscores Daikin UK's commitment to continuing its efforts with regard to WEEE compliance in the UK, for those products covered by the legislation and beyond.

## Daikin Greece: RASA recycling scheme reaches cruising speed

RASA membership subscriptions reached 966 in 2009, including 112 HVAC related companies, including Daikin Greece. No less than 7,819 tonnes of air conditioning equipment were collected in 2009, a significant increase compared to 388 tonnes in 2008. This was due to the incentive scheme for HVAC replacement introduced by Greek authorities in the summer of 2009, by which they wanted to encourage people to replace their old energy devouring units with new efficient inverter ones.

RASA comprises 501 participating municipalities, representing roughly 8 million citizens. The scheme achieved an average recycle ratio of 85.98%, well above the required levels of between 50% and 80% (depending on which WEEE category your product belongs to). In addition to the 9 existing recycling plants, another plant started operation in 2010.



➤ In Greece, RASA collected 7,819 ton of air conditioning equipment in 2009, a significant increase compared to 388 ton in 2008.



### Daikin Belgium take-back scheme goes beyond WEEE compliance

After introducing its individual scheme for collecting and recycling air conditioners in 2008, Daikin Belgium continues to pave the way for safe and appropriate disposal of all air conditioners at the end of their lives (both Daikin branded units and others). This scheme was approved by the Flemish, Walloon and Brussels authorities in 2008.

Mark Oosterlynck,  
Managing Director of Daikin Belgium, is optimistic about the results to date:

“Although it’s a long and winding road, we notice that installers are increasingly adhering to our scheme. The fact that they can deliver the end-user a certificate of environmentally sound recycling upon dismantling also enhances their image. In the meantime, Daikin Belgium has extended the scope of its recycling scheme. In addition to small air conditioners, it included chillers in 2009. This is yet another step towards decreasing our impact throughout the product lifecycle.”

