PARTNERS IN SUPPORT OF A SUSTAINABLE EUROPE.

The Build With CaRe project started in 2008 and will conclude in 2011. 18 partners represent local and regional authorities, universities and institutes from ten regions in five countries. Learn more at www.buildwithcare.eu

WE SPARE NO ENERGY ENSURING YOUR BUILDINGS SAVE IT.

Build with CaRe is a project partly funded by Interreg IVB North Sea Region Programme.

European Union The European Regional Development Fund

BUILD WITH CaRe
ENERGY SAVING BUILDINGS

INVESTING IN THE FUTURE BY WORKING TOGETHER FOR A SUSTAINABLE AND COMPETITIVE REGION.

www.buildwithcare.eu

MAINSTREAMING ENERGY EFFICIENCY IN THE BUILT ENVIRONMENT.

"The EU has come together as never before to deal with the issue of climate change, high energy prices and energy security."

Energy Commissioner Andris Piebalgs.

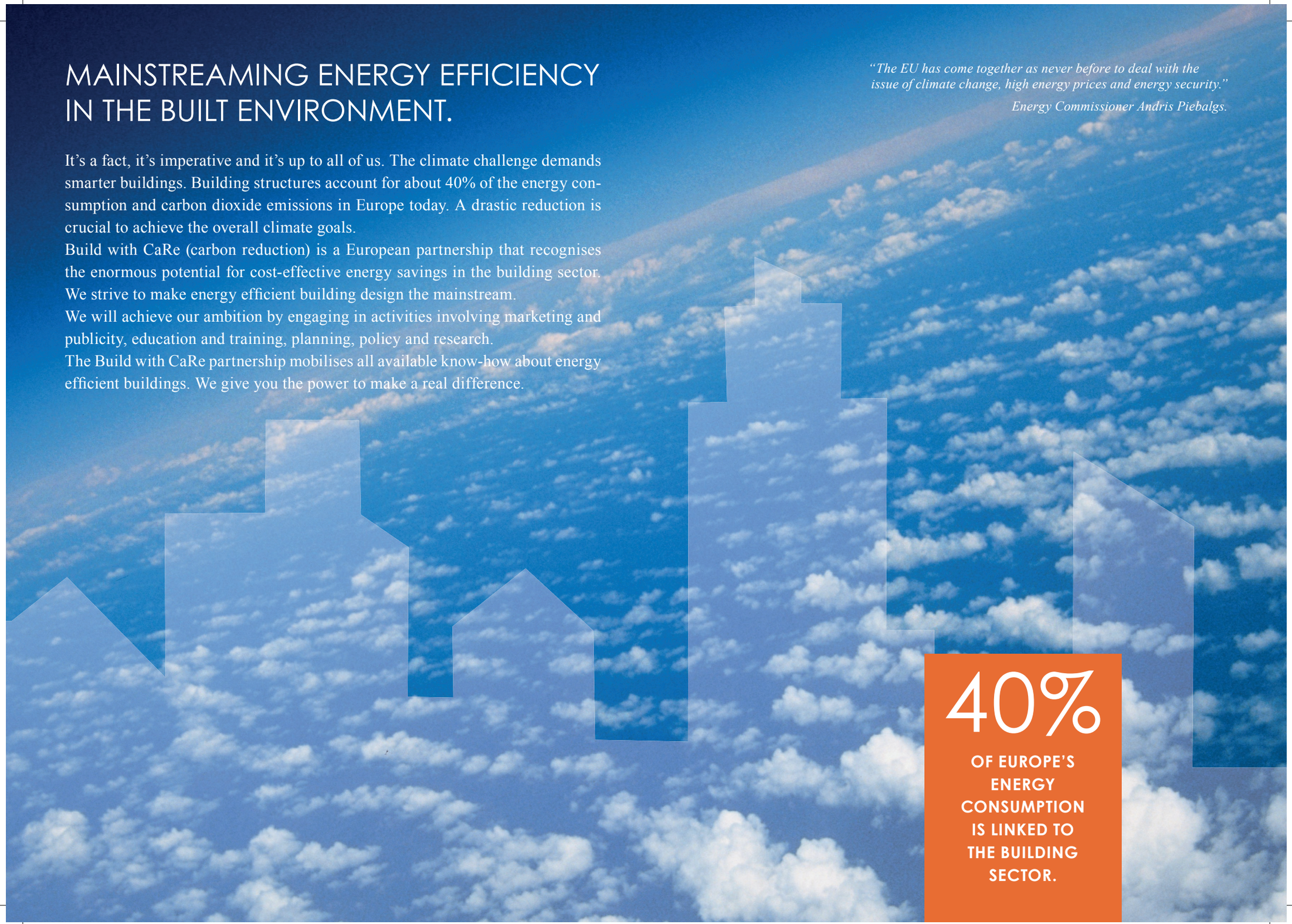
It's a fact, it's imperative and it's up to all of us. The climate challenge demands smarter buildings. Building structures account for about 40% of the energy consumption and carbon dioxide emissions in Europe today. A drastic reduction is crucial to achieve the overall climate goals.

Build with CaRe (carbon reduction) is a European partnership that recognises the enormous potential for cost-effective energy savings in the building sector.

We strive to make energy efficient building design the mainstream.

We will achieve our ambition by engaging in activities involving marketing and publicity, education and training, planning, policy and research.

The Build with CaRe partnership mobilises all available know-how about energy efficient buildings. We give you the power to make a real difference.



40%

OF EUROPE'S ENERGY CONSUMPTION IS LINKED TO THE BUILDING SECTOR.

YES YOU CAN.

30%

IS THE ESTIMATED SAVING POTENTIAL IN THE BUILDING SECTOR.

According to the European Commission's action plan for energy efficiency.

Energy efficiency is not a question of "if" but of "how". The technology to build or renovate considerably more efficient buildings is here and ready to use:

LOW-ENERGY BUILDINGS typically utilize high levels of insulation, energy efficient windows, low levels of air infiltration, heat recovery ventilation and more.

IN A PASSIVE HOUSE heat loss is reduced so no radiators or under-floor heating is necessary. This is achieved by sealing the house, eliminating leaks and thermal bridges and using fresh air as the heating system.

ZERO ENERGY BUILDINGS, Zero Carbon Buildings and Plus Energy Buildings mix energy-conserving technology with renewable energy sources. Thousands of successful projects show that these concepts work. Whatever your project, an energy efficient building design can be adopted.

LONG-TERM REWARDS.

If you're looking for some really great returns on investment, opt for energy efficient building techniques. It's the best way to reduce the impact on both our planet and the economy. And add a number of extra benefits to the bargain.
FOR THE ENVIRONMENT: Harmful carbon emissions are effectively reduced.
FOR THE ECONOMY: Reduced energy costs, increased security and self-sufficiency, higher building quality and resale value.
FOR SOCIETY: New business opportunities, less dependency on energy imports and production.
FOR THE USERS: Long term economical benefits, better indoor comfort and air quality, and exciting design opportunities.
To find out more about all the opportunities, please get in touch. We've got ideas that won't cost the earth.

Villa Malmborg, Sweden's first passive house villa, is designed to use only 20 kWh/m² per year for heating at an indoor temperature of 22°C. PHOTO: Lasse Fredriksson

This new apartment building in Henstedt-Ulzburg, Germany demonstrates the possibilities – energy efficient buildings can be designed virtually any way you want.
© Weinmann, Hamburg

Hamnhuset in Gothenburg is Sweden's largest apartment blocks using passive house technology.
PHOTO: Sergio Joselovsky