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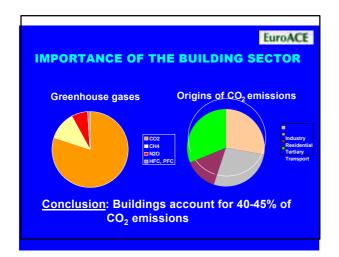


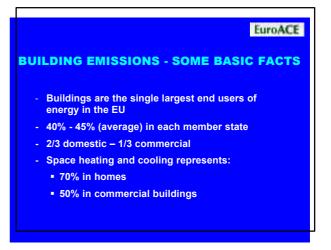
EuroACE In 1998, twenty-two of Europe's leading companies involved with the manufacture, distribution and installation of a variety of energy saving goods and services came together to form The European Alliance of Companies for Energy Efficiency in Buildings - otherwise known as the EuroACE project. Members employ half a million people and turnover is 150 billion euros across the

EuroACE **EuroACE MEMBERS** Huntsman Polyurethanes Aereco Armacell International Knauf Insulation Bing Paroc BPB Philips Lighting PilkingtonRockwool International CRH Danfoss Saint-Gobain Isover Giacomini Siemens Grundfos Skanska Honeywell Hunter Douglas VELUX



EU.



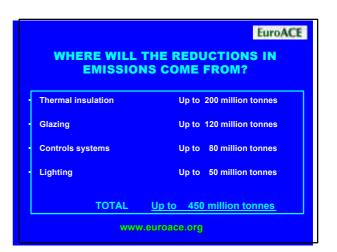


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BUILDINGS - PRESENT TRENDS

- Between 1985 and 1997 average home size increased from 83² to 87m²
- During the last decade, in the services sector, energy consumption per m² increased faster than total area occupied, at an annual rate of 1.3%
- Since 1997, 50% of the increase in total energy demand has arisen in the service and domestic sectors (balance from transport)
- Transport sector +39% (1990 2010); service and domestic sectors expected to be similar



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EuroACE'S KEY MESSAGES

- Annual saving of up to 450 million tonnes of CO₂ by 2010 through building energy efficiency measures - more than 10% of 1990 emissions
- Implementation would create many jobs (estimated at 3.4 million job years)
- Almost all building energy efficiency measures are highly cost effective
- Measures undertaken during refurbishment are more cost effective
- In many instances the measures provide savings.

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MORE OF EuroACE'S KEY MESSAGES

- Technologies are available now
- Technologies are appropriate for new and existing buildings refurbishment of existing buildings is a critically important step
- Energy savings could enhance the viability of renewable energy generation technologies
- Measures are highly appropriate to an enlarged EU - extreme climates and under-insulated buildings

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GETTING THE EuroACE MESSAGE ACROSS

Appointments to:

- EC Policy Advisory Committee on Energy
- European Climate Change Programme (Working Group on Energy Consumption)
- EC Task Group on Sustainable Construction and Energy Efficiency (Chairman)
- Security of Supply Panel

ENERGY EFFICIENCY IN BUILDINGS

THE WAY FOR THE EU TO MEET ITS KYOTO COMMITMENTS

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The European Alliance of Companies for Energy Efficiency in Buildings

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