

European Heat Pump Markets 2011

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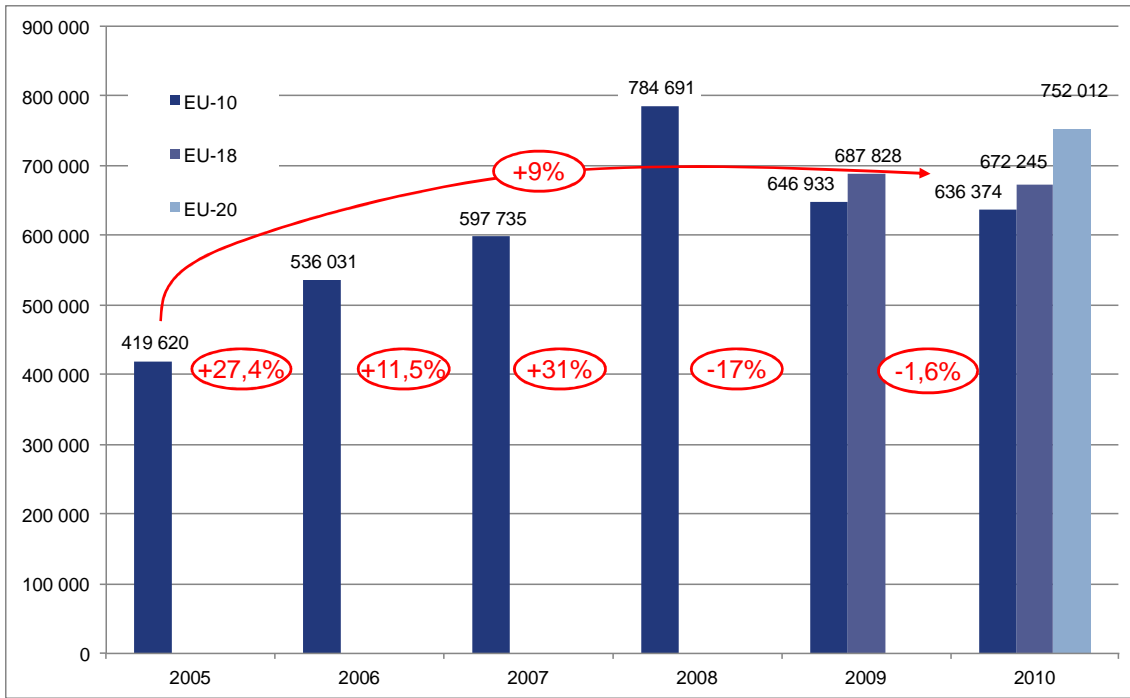
Preliminary data

20 Markets covered, 2010 data

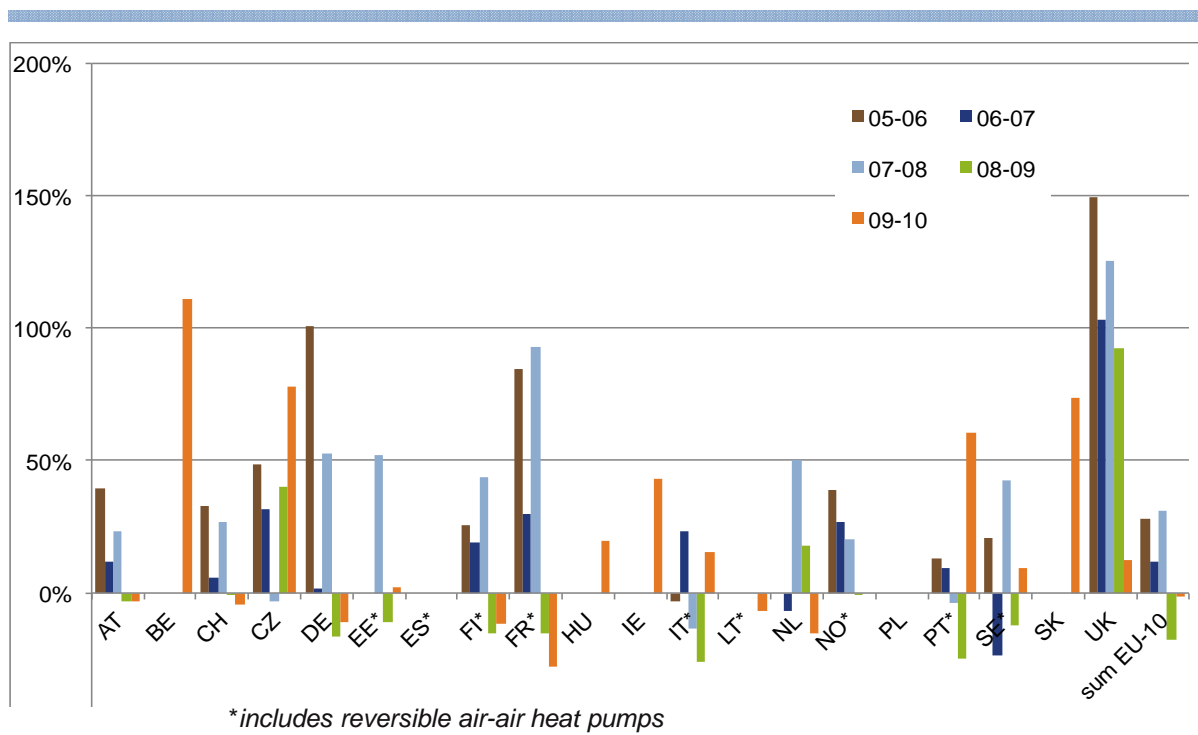
- Austria
 - Belgium
 - Czech Republic
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 - Finland
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 - Netherlands
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 - Poland
 - Portugal
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 - Spain
 - Sweden
 - Switzerland
 - United Kingdom
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- China
 - Canada
 - Japan
 - USA



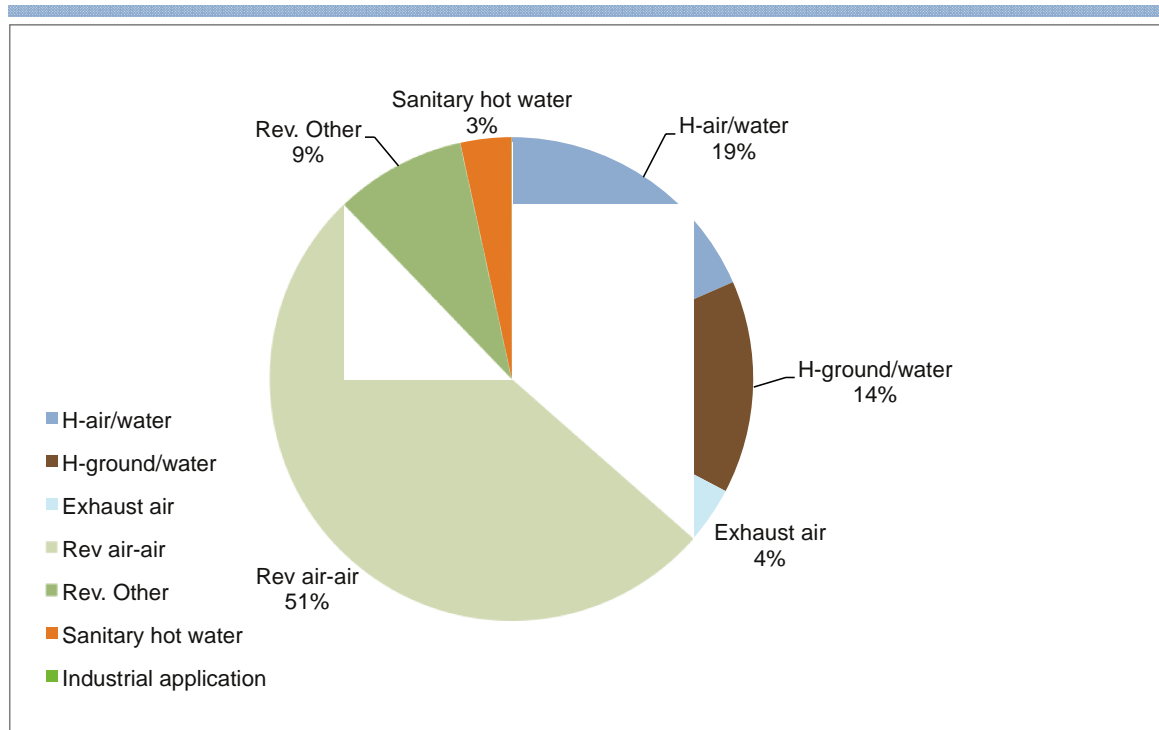
Total sales of heat pumps 2005-2010 Accumulated 2005 – 2010: 3,77 mio units



Changes in growth in the European Market 2005-2010

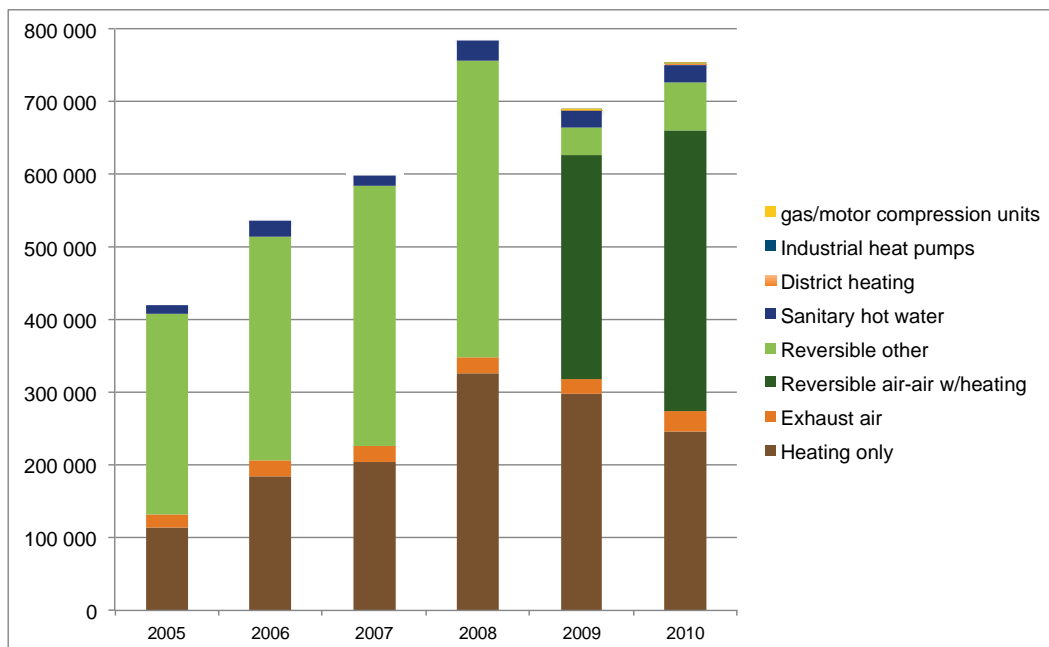


Sales 2010 by type | EU-20

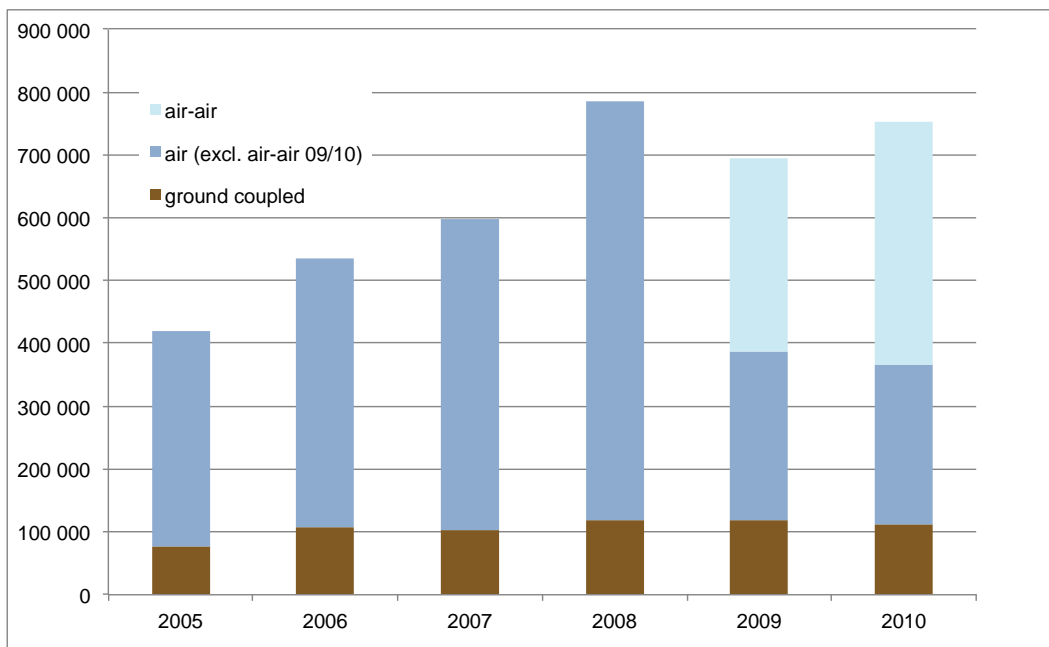


Total sales of heat pumps 2005-2010

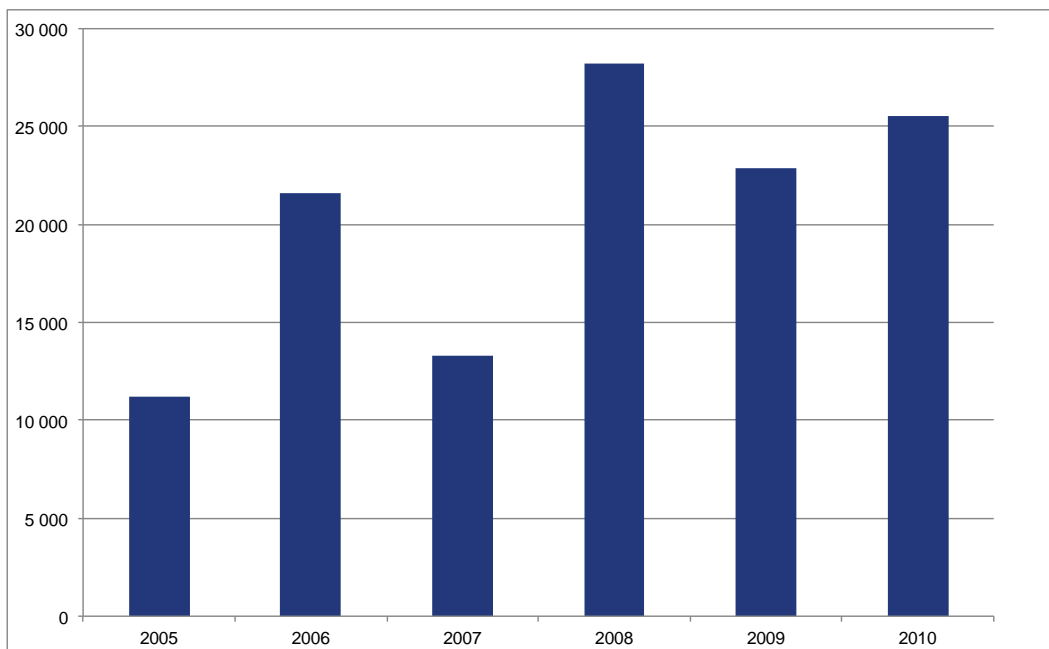
Accumulated 2005 – 2010: 3,56 mio units



Continuous trend towards air | all types of heat pump



Sanitary hot water heat pumps 2005-2010



Environmental impact in a nutshell | up to 2020

Accumulated values	2005-2009	2010	2011-2020	Total	
RES integration (TWh)		23,68	5,87	104,29	133,84
GHG emission savings (Mt)		5,53	1,36	24,173	31,07
Final Energy saved (TWh)		29,72	7,38	131,01	168,12
Primary energy saved (TWh)		12,30	3,38	60,31	75,99
Number of units sold (#)		3.025.058	752.008	14.176.060	17.953.125

And natural refrigerants in heat pump statistics?

	Use of natural refrigerants	Statistics conventional ref.	Statistics natural ref.
Residential buildings	Limited	Yes, near 100% coverage	No Future (?)
Sanitary hot water	Today: limited future: potential, cost issue	Yes, good coverage	No future (?)
Commercial buildings	Potential for hot water, joint heating & cooling	Limited	No, only documented examples, future (?)
Commercial process	Established, design on a case by case basis	Limited	No, only documented examples, future (?)
Commercial supermarkets	Increasing interest, large potential	Yes, but not EHPA	?



OUTLOOK 2011
European Heat Pump Statistics



detailed information

EHPA Outlook 2011

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Thank you for your attention!