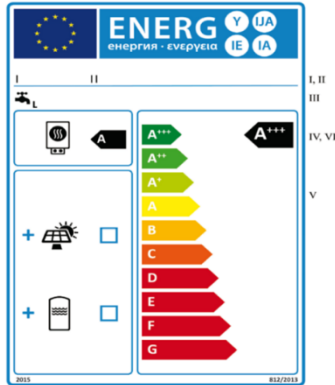


# Ecodesign requirements &

# Eurovent Certified Performance Certificate



DTI workshop  
14 November 2016 - Aarhus  
Carolina CARMO  
Research & Development  
[c.carmo@eurovent-certification.com](mailto:c.carmo@eurovent-certification.com)



## Ecodesign:

- Regulatory
- « self declared » performance

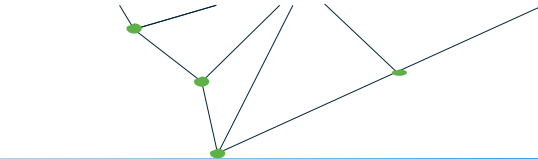


## Eurovent Certified Performance:

- Voluntary
- « third party certified » performance

« Who are we? »





- An European Certification body
- HVAC-R products
- Operating since 1994



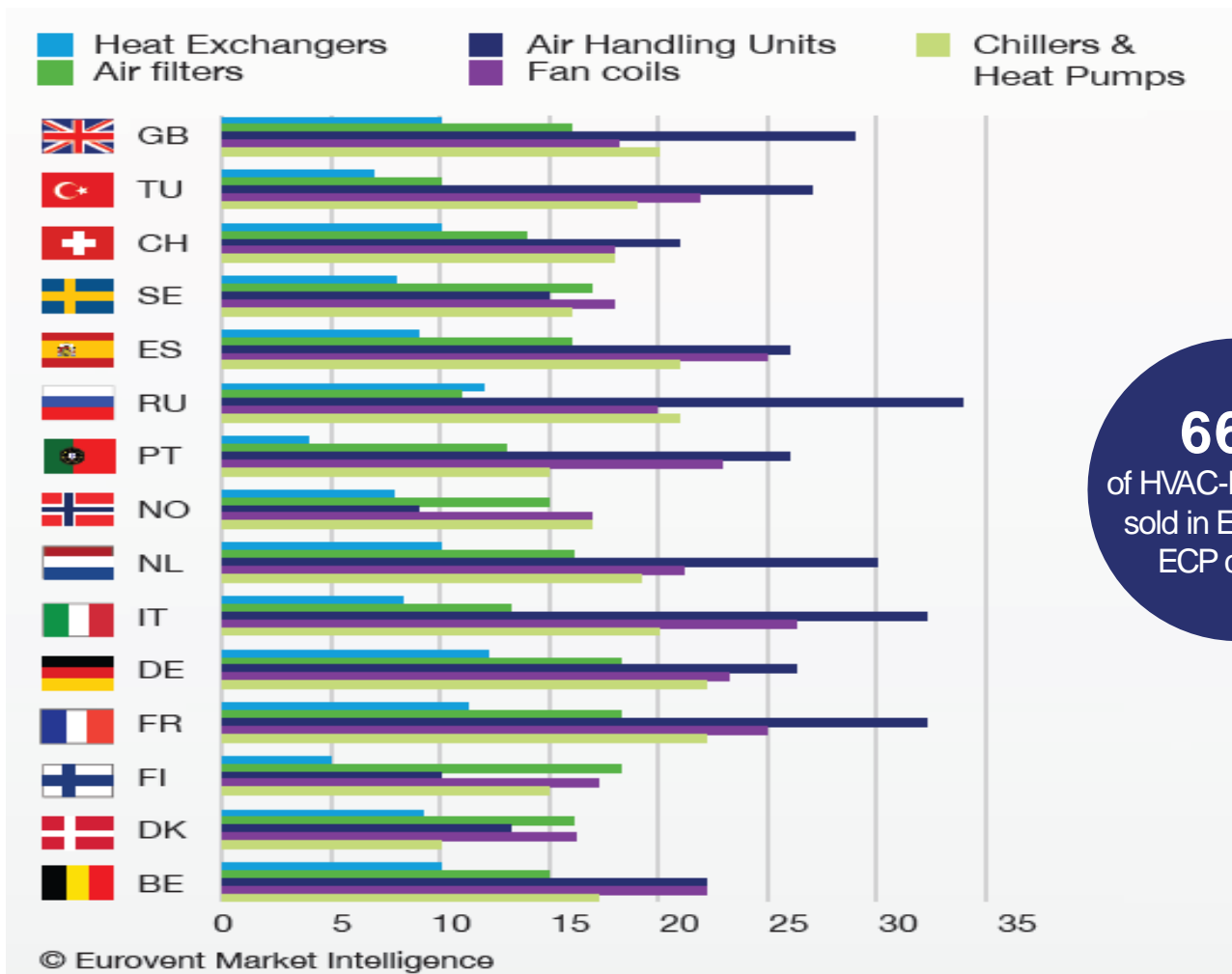
# « Independent and accredited laboratories »



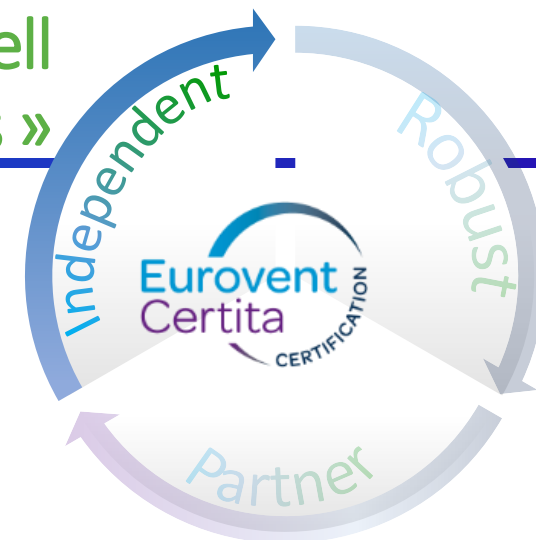
	1 - Madrid	SPAIN	
	2 - Lyon	FRANCE	
	3 - Trappes		
	4 - Amaro	ITALY	
	5 - Luzern	SWITZERLAND	
	6 - Vienna	AUSTRIA	
	7 - Essen	GERMANY	
	8 - Munich		
	9 - Stuttgart		
	10 - Copenhagen	DANEMARK	
	11 - Apeldoorn	HOLLAND	
	12 - Boras	SWEDEN	
	13 - Espoo	FINLAND	
	14 - Houston	USA	
	15 - Washington		

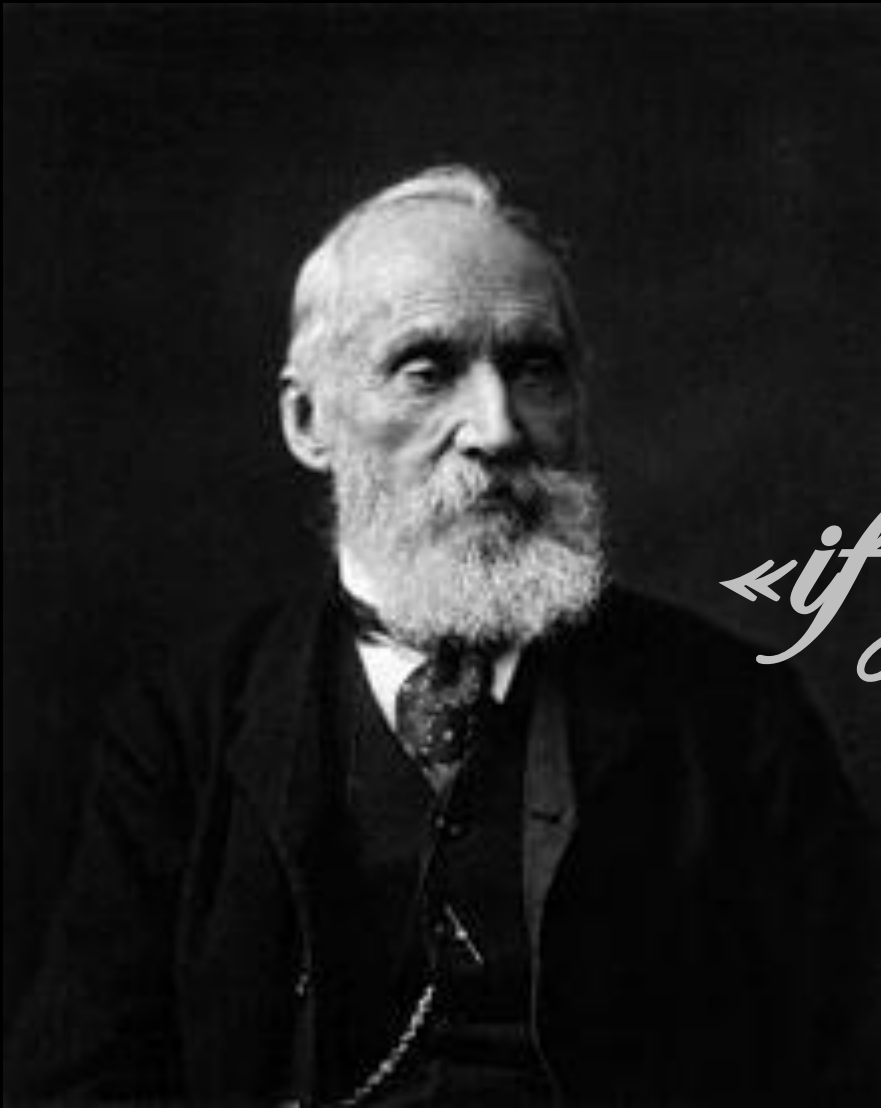
*We order product tests to independent laboratories*

# « Number of manufacturers that sell ECP certified products »



**66%**  
of HVAC-R products  
sold in Europe are  
ECP certified



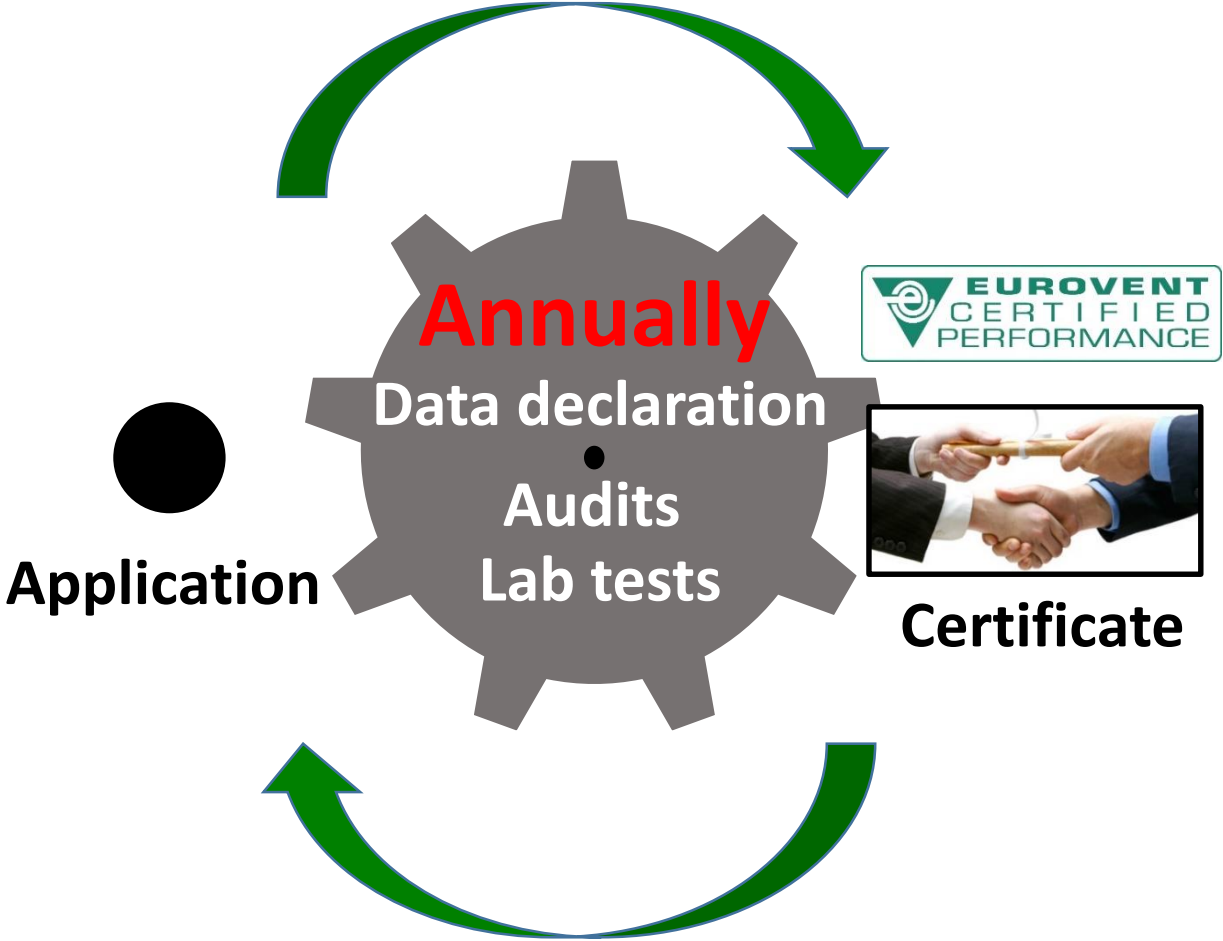


*«if you can't measure it, you  
can't improve it»*

William Thomson (Lord Kelvin)

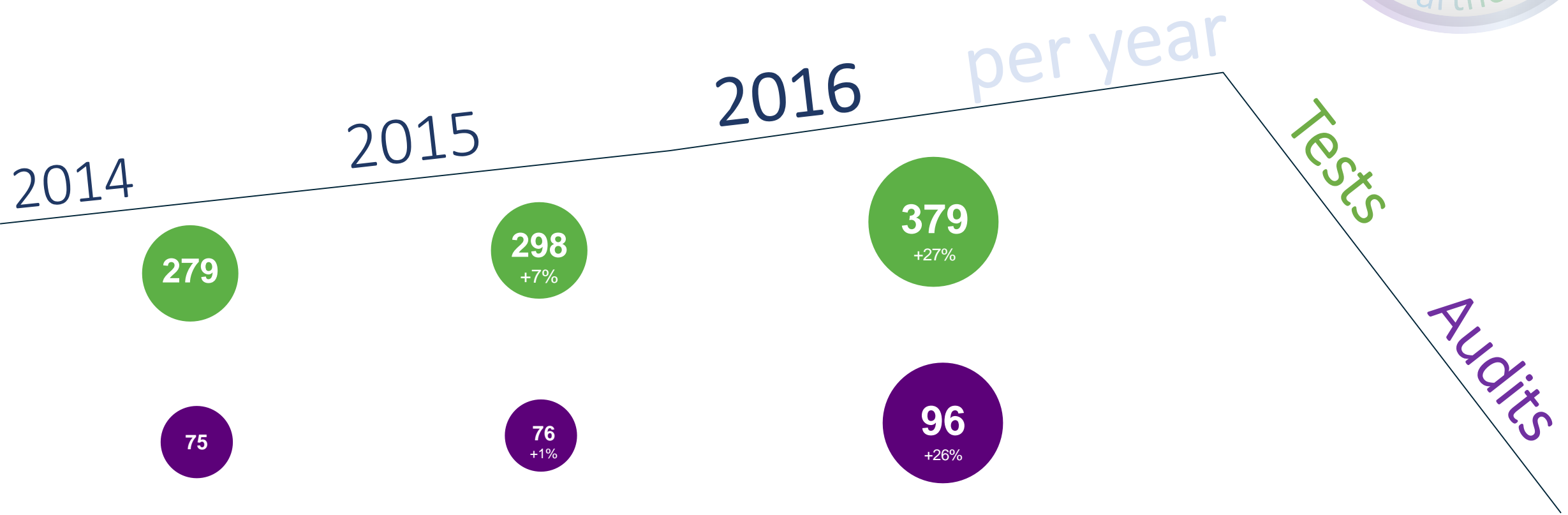
[1824-1907]

« We test and audit every year »





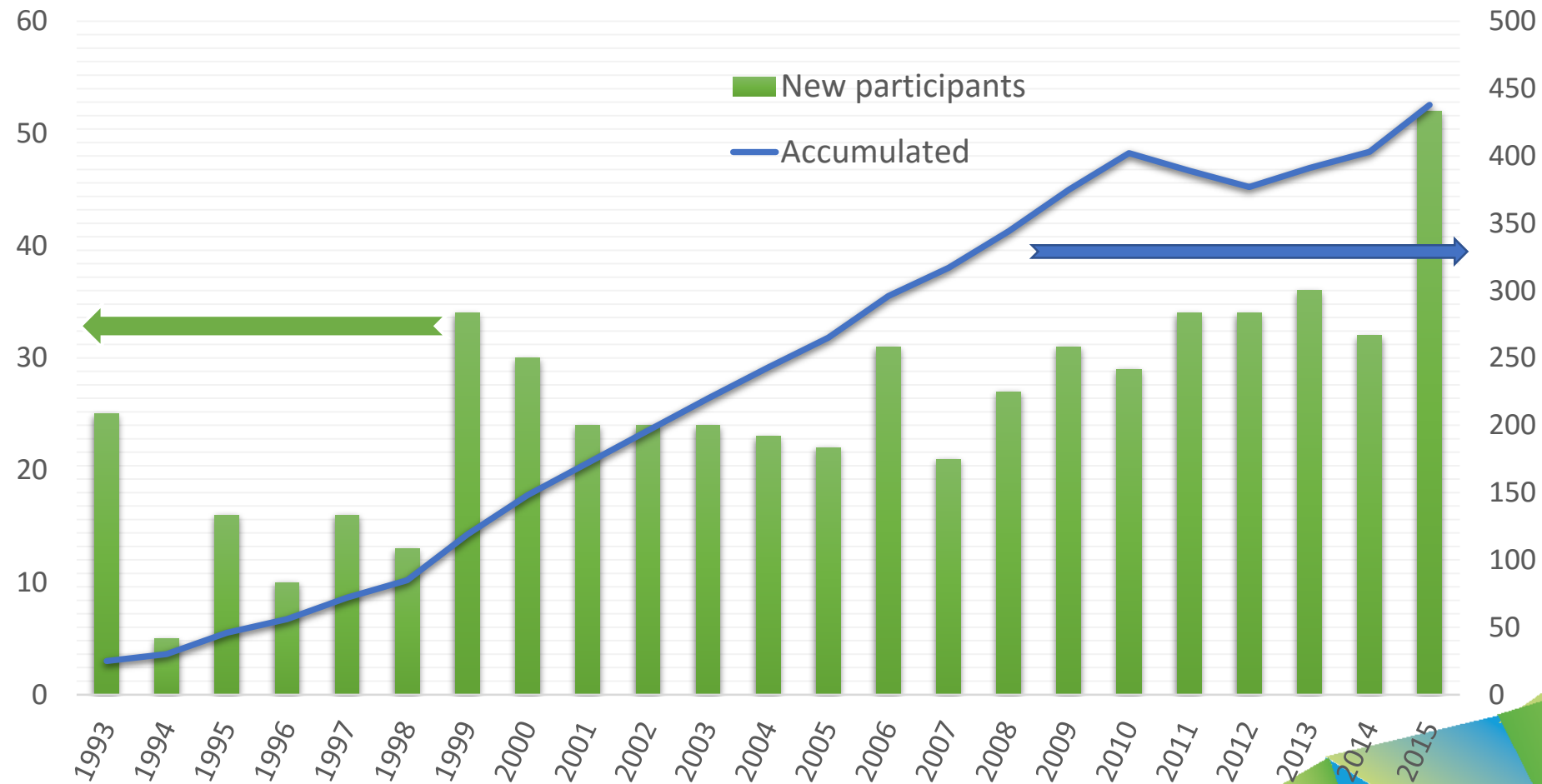
# European HP mark - Heat pumps and chillers products



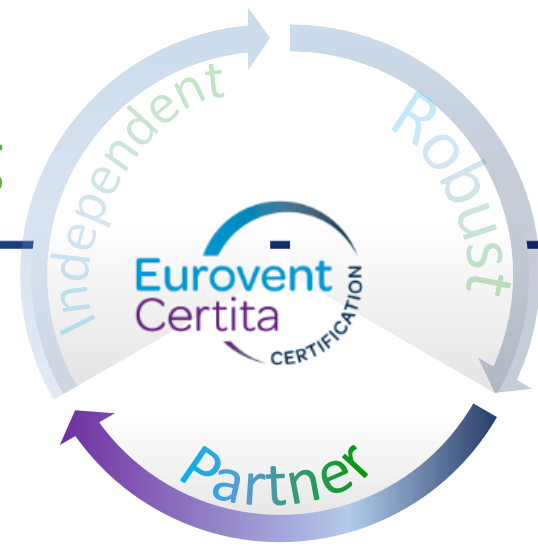
[www.eurovent-certification.com](http://www.eurovent-certification.com) / [www.certita.fr](http://www.certita.fr)



# « We must be doing something right »



# « Leading-edge partner » - hand –in-hand with... Ecodesign and Ecolabelling



<p>2007</p>	<p>2010</p>	<p>Air/Air <math>\leq 12\text{kW}</math> Gas</p> <p>2012</p>	<p>Air/Water <math>\leq 12\text{kW}</math> Water/Water</p> <p>2013</p> <p>2014</p>	<p>2015</p>
	<p>Dual</p>	<p>Hybrid</p>	<p>Collective sanitary water</p>	





# Conclusion



**EUROVENT  
CERTIFIED  
PERFORMANCE**

**Voluntary  
Independent  
Robust**

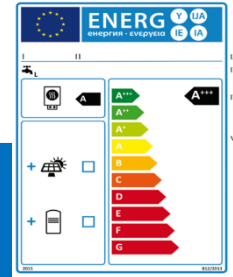
**ENERGY**

**Regulatory  
Self - declaration  
Market surveillance**

# Conclusion



Complementary contributors  
to  
Energy & Carbon Emission saving goals





**THANK YOU**  
FOR  
**YOUR ATTENTION**

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