



# EC ENERGY STAR<sup>®</sup> In the EU



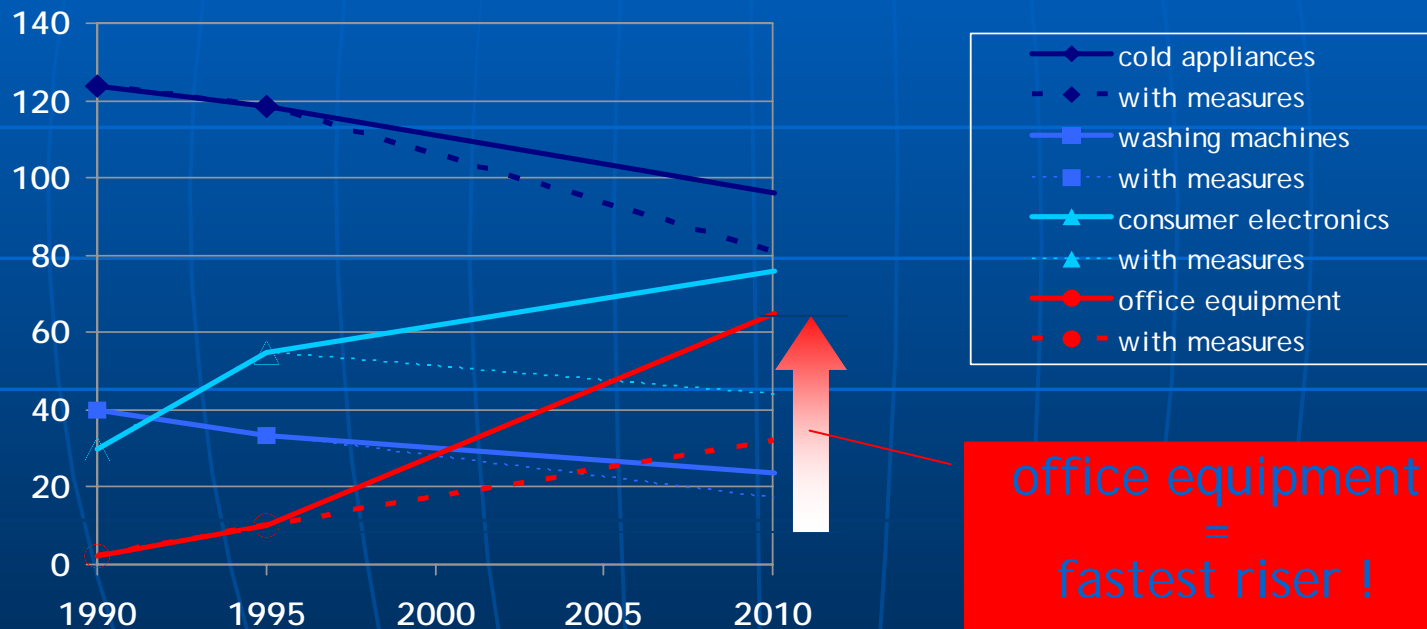
# Energy savings for Office Equipment

- Still worthwhile bothering?



# Energy outlook 2010 for households

- Office equipment at home is fastest riser



EU-15 electricity consumption - Business as usual / with measures (TWh/year)



# The challenge

- **Can we realize up to 50% savings without compromising performance?**



# Savings potential

- Database shows differences within range of ENERGY STAR qualified office equipment

Example: Electricity consumption desktop PC's in ENERGY STAR Database

	Standby (Watt)	On-mode (Watt)
<u>Most</u> efficient qualified equipment	1.0	42
<u>Least</u> efficient qualified equipment	15.3	120



## Continue the effort

- Work with EPA on developing new criteria for PCs and Imaging equipment
- Propose to renew the Agreement US/EU



# first 5 years experience

- Achievements:
  - revision of specs
  - promotion
  - Database
- Extension to the EEA



# Achievements

- New set of specifications for Computer Monitors
- Registration of 18 manufacturers and more than 350 products





# Achievements: the EU website

Visit [www.eu-energystar.org](http://www.eu-energystar.org)








# The database

- Browse the database of qualified products

The screenshot shows the Energy Star website interface in Microsoft Internet Explorer. The page title is "EU Energy Star® - Microsoft Internet Explorer". The address bar shows "http://www.eu-energystar.org/en/en\_database\_beta.htm". The page features the Energy Star logo and the text "Labeling Energy Efficient Office Equipment". There are navigation links for Home, News, Database, Downloads, Links, Contacts, and Help. A search bar is also present. Below the navigation, there is a "Back" button and a "List order" dropdown menu. The main content is a table of Desktop PC specifications.

Desktop PC		Sleep mode (W)	On / idle (W)	CPU	Speed (MHz)	RAM (Mb)	Harddisk (Gb)	Cache (Kb)	Video RAM (Mb)	Operating system	Optical storage	Display (inch)	Speakers	Power supply (W)
	IBM ThinkCentre A30 8434-xxx	1.0	50.0	P4	3060	256	80	512		XP				230
	Fujitsu-Siemens SCENIC P300, VKM266	1.4	120.0	Athlon	2133	256	40	512		XP	DVD r/CD RW			200
	HP-Compaq d240 dx2xxx Microtower PC	1.8		P-4	1800		80			XP	DVD r		x	250



# Promotion

- Available: ENERGY STAR Brochures
  - 2 versions
    - consumers
    - business/public sector
  - 11 languages





# Promotion

- Dealer program has been set up





# Plans

- Enhance coordination EPA-COM in developing new specifications
- Enhance EU internal process to adopt new specs



# Plans

Make new criteria sufficiently demanding for justifying promoting the Energy Star criteria for public procurement

while

keeping the scheme attractive for the manufacturers (voluntary program)



# Plans

- Cooperate with EPA on developing the database in a way that it makes it useful to identify the best performances for consumers and public procurement



EC ENERGY STAR®  
**Thank You**

Washington March 2005

