



Michael Spanos
Managing Partner
EuroCharity

Cost Savings in
Business & Industry **Energy Efficiency**

13/03/2013, Αμφιθέατρο Maroussi Plaza, Μαρούσι **Conference 2013**

*Trends and Best Practices
in Energy Efficiency*

EuroCharity Inc. **In a nutshell**

- ❖ Based in Athens and Brussels
- ❖ Creating income from innovative social business activities
- ❖ Communicating and networking in CSR, green economy, business excellence, responsible investing and sustainability
- ❖ Providing communication and networking services to NGOs
- ❖ Committed to annual funding of NGOs members
- ❖ Support to volunteerism, social and environmental activities of our members

The reference point for sustainability



The screenshot displays the EUROCHARITY website interface. At the top, the logo and tagline 'The reference point for Corporate Social Responsibility and the Green Economy' are visible. The main content area features several news articles, including one titled 'Re-designing the European energy map' and another about 'Opticos YTEIA'. A central banner highlights 'EUROCHARITY The reference point for Corporate Social Responsibility and the Green Economy'. Below this, a 'BUSINESS' section lists various member companies and organizations, such as MBA International (AUEB), MYTILINEOS, PIRAEUS BANK, LARIS, we care, WIND, planet, and others. The website also includes a search bar and navigation menus.



❖ On-line M2M



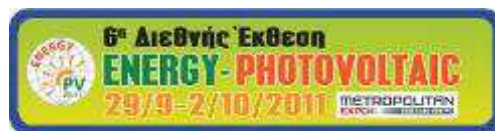
❖ M2M Meetings



❖ E-newsletter



❖ Conferences / Events / Exhibitions



❖ Sustainability Forum



❖ EuroCharity Yearbook



- ✓ **International multi-stakeholder publications**
- ✓ **Valuable sources of research, intelligence and best practices**
- ✓ **Catalysts for public policy dialogue**
- ✓ **Participation/distribution: +50 countries, +150 CEOs**

Best practices in Designing and Implementing Energy Efficiency Obligation Schemes



❖ Denmark

A total of approximately EUR 86 million is spent every year on measures to promote energy efficiency: EUR 40 million for activities of energy companies, EUR 32 million for energy labeling of buildings, and EUR 14 million for the Danish Electricity Saving Trust.

❖ China

The DSM (Demand-side management) Rule which went into effect on January 1, 2011, requires the grid companies to achieve energy savings of at least 0.3 percent in sales volumes and 0.3 percent in maximum load compared with the previous year.

❖ Minnesota, USA

The Minnesota *Next Generation Energy Act*, altered the state's approach to utility energy efficiency programmes from requiring specified levels of expenditure to also require achievement of energy saving targets.

❖ Victoria, Australia

The Victorian Energy Efficiency Target (VEET) Scheme comprises part of Victoria's climate change policy and was designed, in part, to help Victoria reach its goal of reducing its GHG emissions by 20 percent by 2020 and by 60 percent by 2050 compared to 2000 levels.

Energy Efficiency Indicator 2012 Global Results

DRIVERS BY COUNTRY/REGION

Policy a priority in China; Increased asset value in Australia



How significant are the following in your organization's energy efficiency decisions?

Drivers of efficiency	Europe	India	China	US/Canada	Australia	Brazil
Energy cost savings	1	1	1	1	1	1
Government/utility incentives/rebates	3			2	2	2
Enhanced brand or public image		2		3		
Increasing energy security	2	3	2			3
Greenhouse gas reduction						
Existing policy			3			
Increasing asset value					3	

Cost savings is top global driver for the 6th year

Increasing asset value an emerging driver

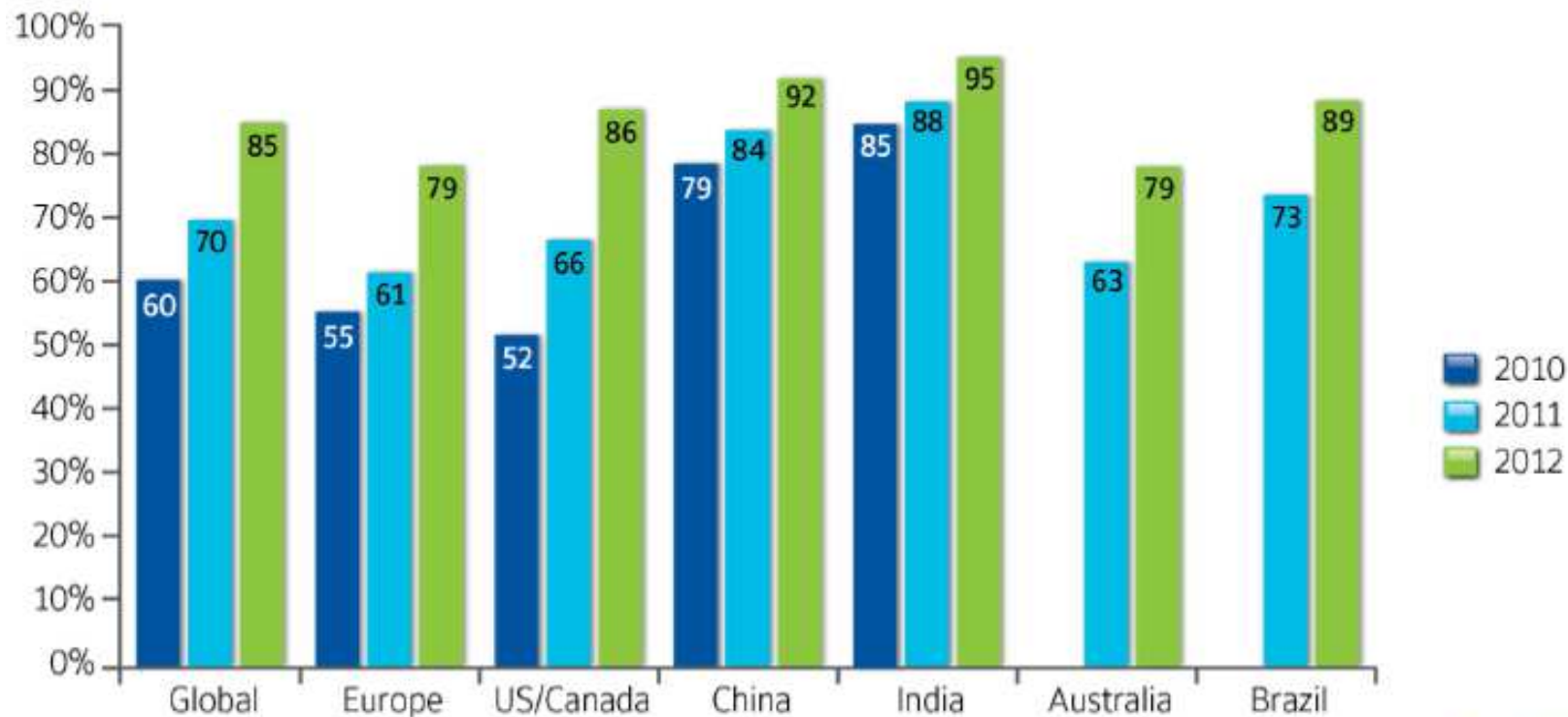
Energy Efficiency Indicator 2012 Global Results

INTEREST IN ENERGY CONTINUES TO RISE

Importance increasing since 2010



Respondents identifying energy management as extremely or very important



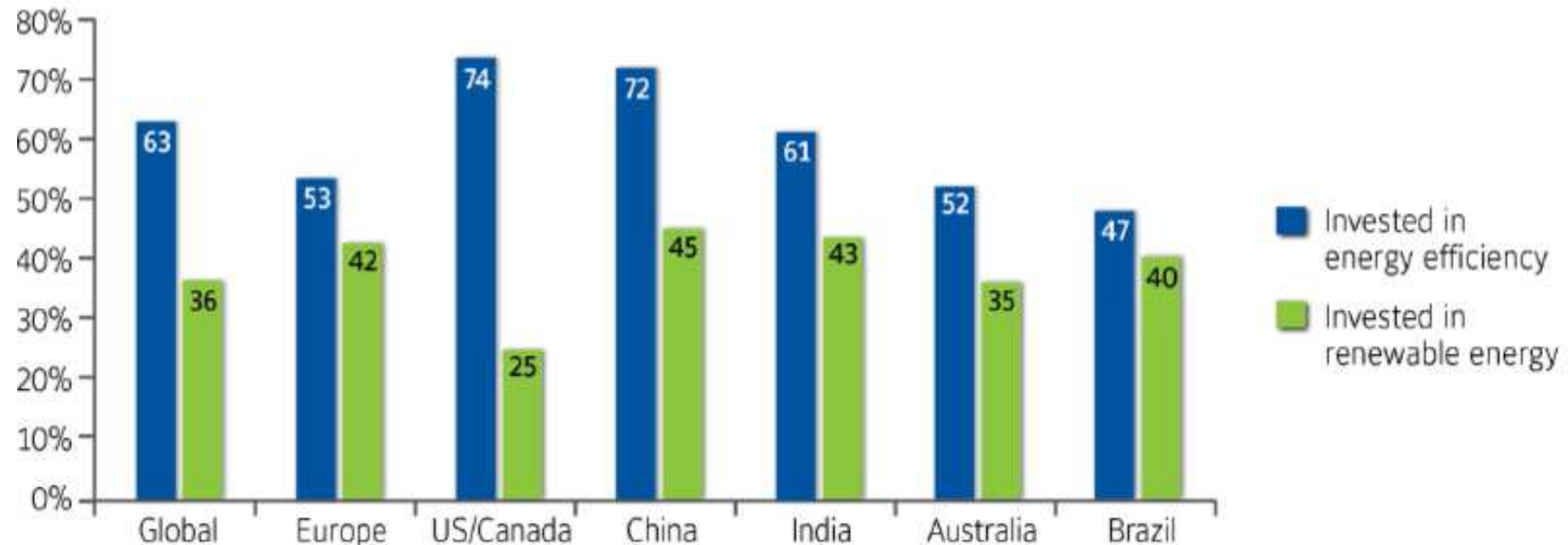
Energy Efficiency Indicator 2012 Global Results

ALL REGIONS INVESTING IN CLEAN ENERGY

US/Canada leads in efficiency, lags in renewables



Has your company/organization invested in energy efficiency or renewable energy projects in the past year?



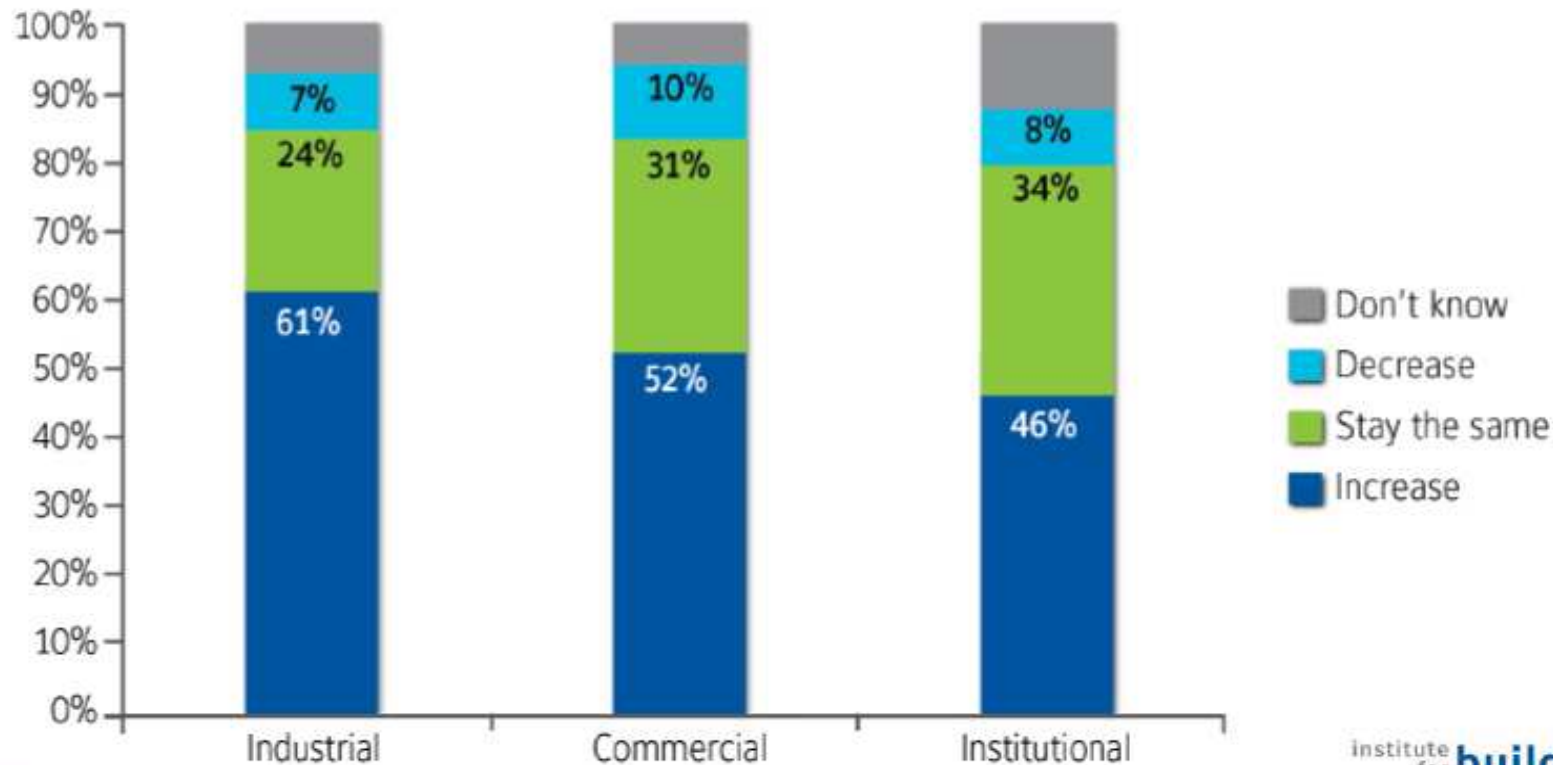
Energy Efficiency Indicator 2012 Global Results

PRIVATE SECTOR LEADS IN PLANS TO INVEST

All sectors continue to increase spending



Over the next 12 months, will your company/organization's investment in energy efficiency or renewable energy:



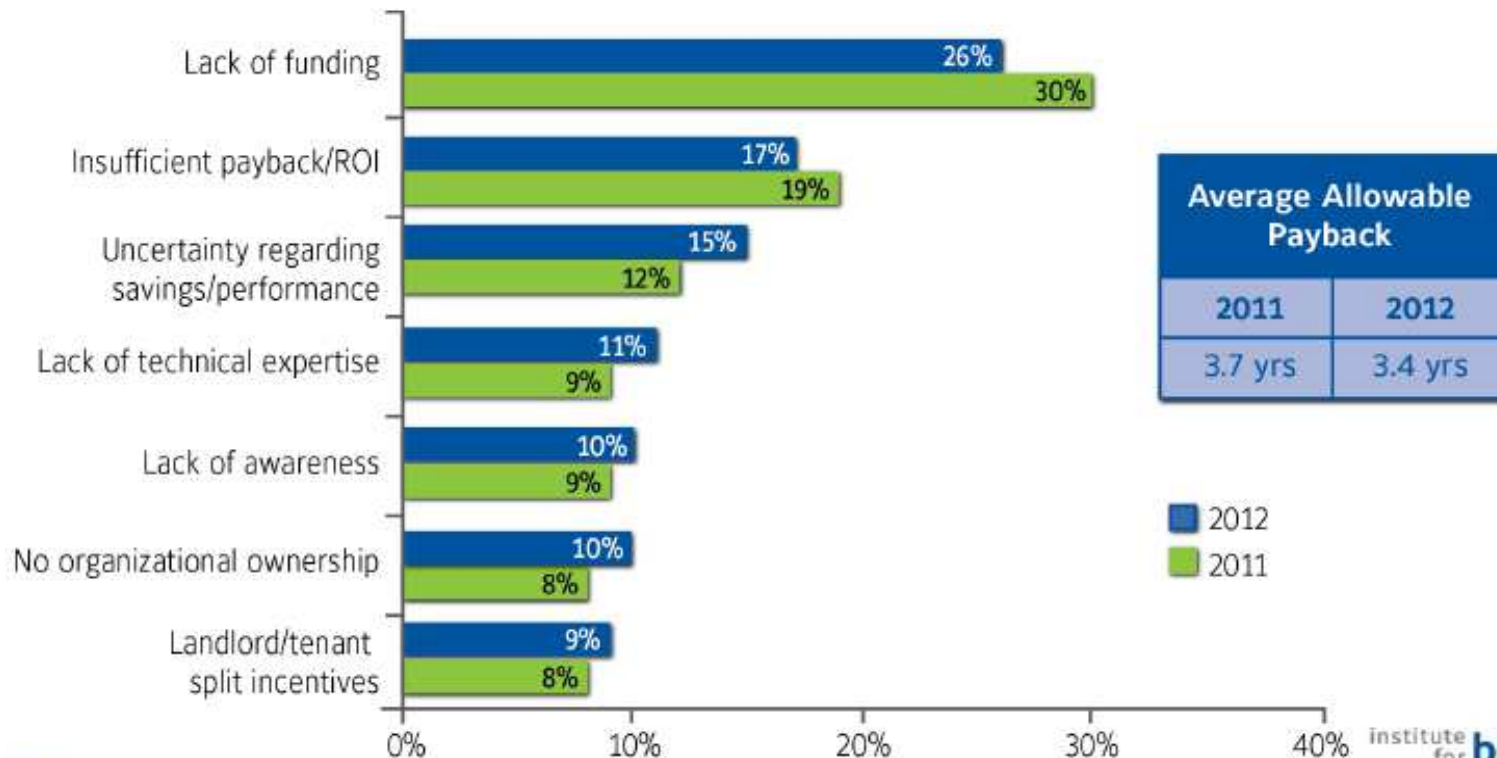
Energy Efficiency Indicator 2012 Global Results

BARRIERS TO INVESTMENT

More uncertainty around project performance and savings



What is the top barrier to pursuing energy efficiency for your company/organization?



Energy Efficiency Indicator 2012 Global Results



Conclusions – Global 2012

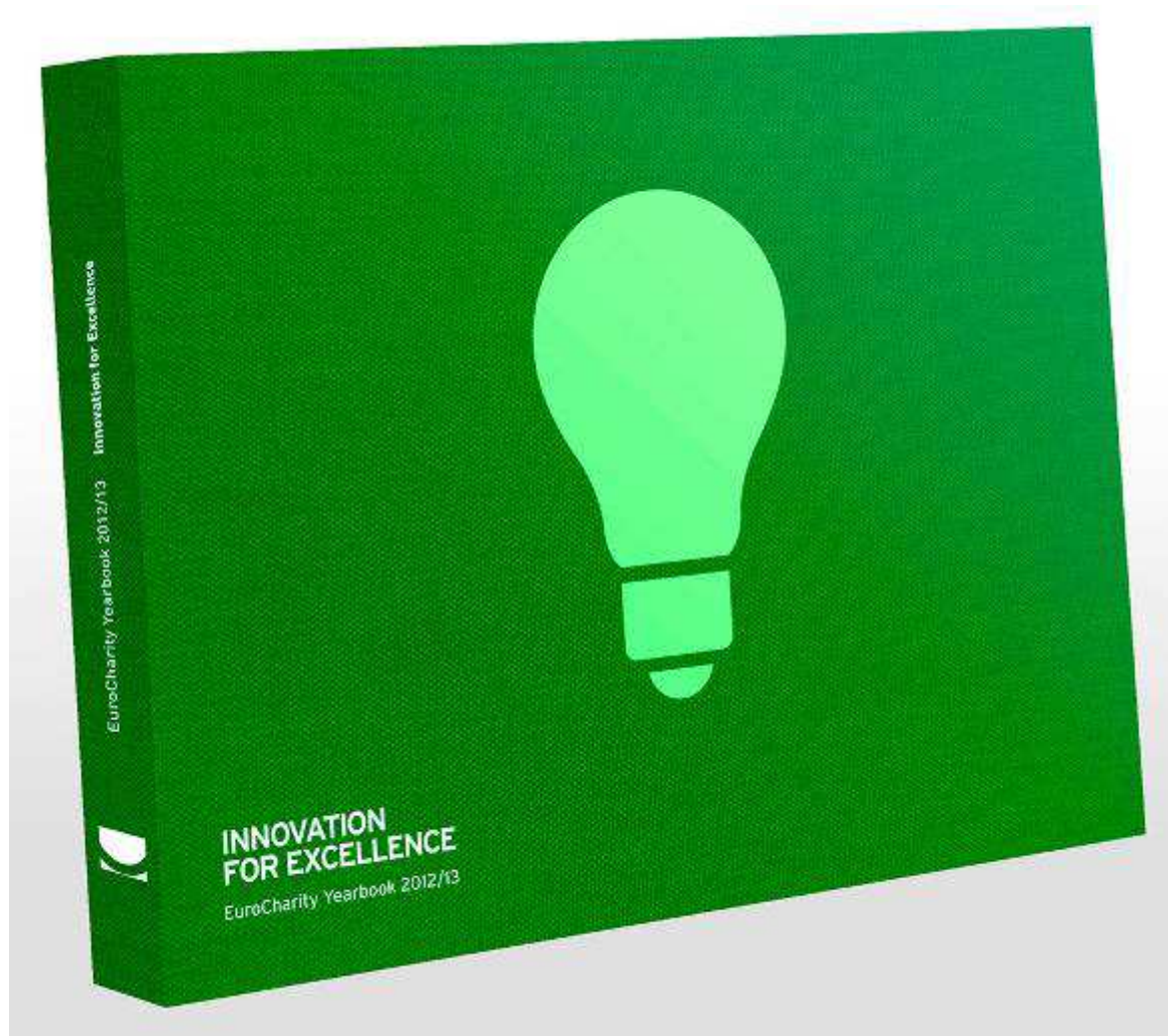
- ❖ Increased plans for investment globally - renewable energy investment strongest outside the US/Canada.
- ❖ Commercial and industrial sectors lead in setting goals and making increased investments.
- ❖ Incentives are most favored policy globally; emerging economies value incentives, codes & standards and green appraisals equally.
- ❖ Organizations implementing best energy management practices invest more and implement more efficiency measures.
- ❖ More respondents are seeking green building certification; significant demand for high performance office space.

Green Building Certification Schemes



- ❖ Building Research Establishment Environmental Assessment Method (BREEAM)
- ❖ The US Green Building Council (LEED)
- ❖ The German Sustainable Building Council (DGNB)
- ❖ The UK Green Building Council
- ❖ The World Green Building Council
- ❖ The EU GreenBuilding Programme
- ❖ Society of Environmentally Responsible Facilities (SERF)

❖ EuroCharity Yearbook 2012/13: Innovation for Excellence



Energy = innovation: 10 disruptive technologies

(by McKinsey & Co)

- ❖ Innovation in energy technology is happening more quickly than expected - and it could accelerate economic growth and improve sustainability as early as 2015
- ❖ The accelerating pace of energy innovation means that some technologies will achieve commercial viability much faster than most observers expect.
- ❖ The pace of change could be unprecedented. To succeed, companies must understand the major performance thresholds for each technology and the market shifts that breakthroughs will trigger.
- ❖ Technologies that have rapidly declining cost curves and that save consumers money are developing much faster than technologies that rely on regulation to be economically viable.
- ❖ Competition among countries introduces multiple forms of innovation to the market in parallel; Chinese low-cost engineering, Korean manufacturing scale and quality, German systems integration, and US product innovation are all important factors, and the intense competition benefits consumers.

Thank
You



Michael Spanos

Managing Partner

michael.spanos@eurocharity.org

www.eurocharity.gr