



EUFORES 12th Inter-Parliamentary Meeting on Renewable Energy and Energy Efficiency

“Energy efficiency in Buildings A business opportunity in Greece”

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Chairman, SEV Business Council for Sustainable Development

Hellenic Parliament, Athens
Saturday 24th November 2012

Sir Nicholas Stern addresses at the Greek Parliament - 27 Nov. 2008



A shifting competitive challenge for Europe and its Production (employment) Base

**The
Economist**

Oil in America

Energy to spare

America is on track to produce all the energy it needs at home

Nov 17th 2012

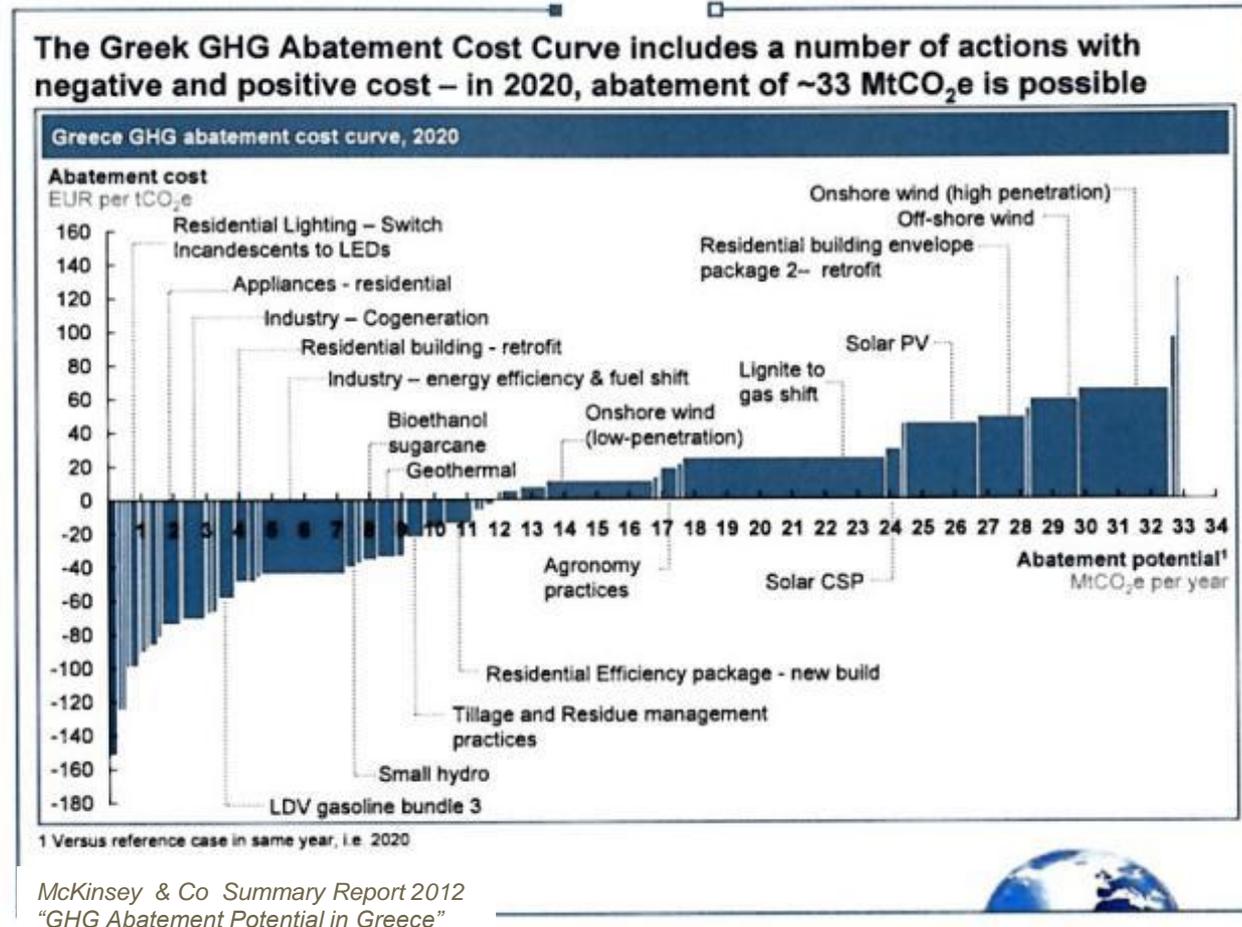
FINANCIAL TIMES

“US Energy is changing the world again”

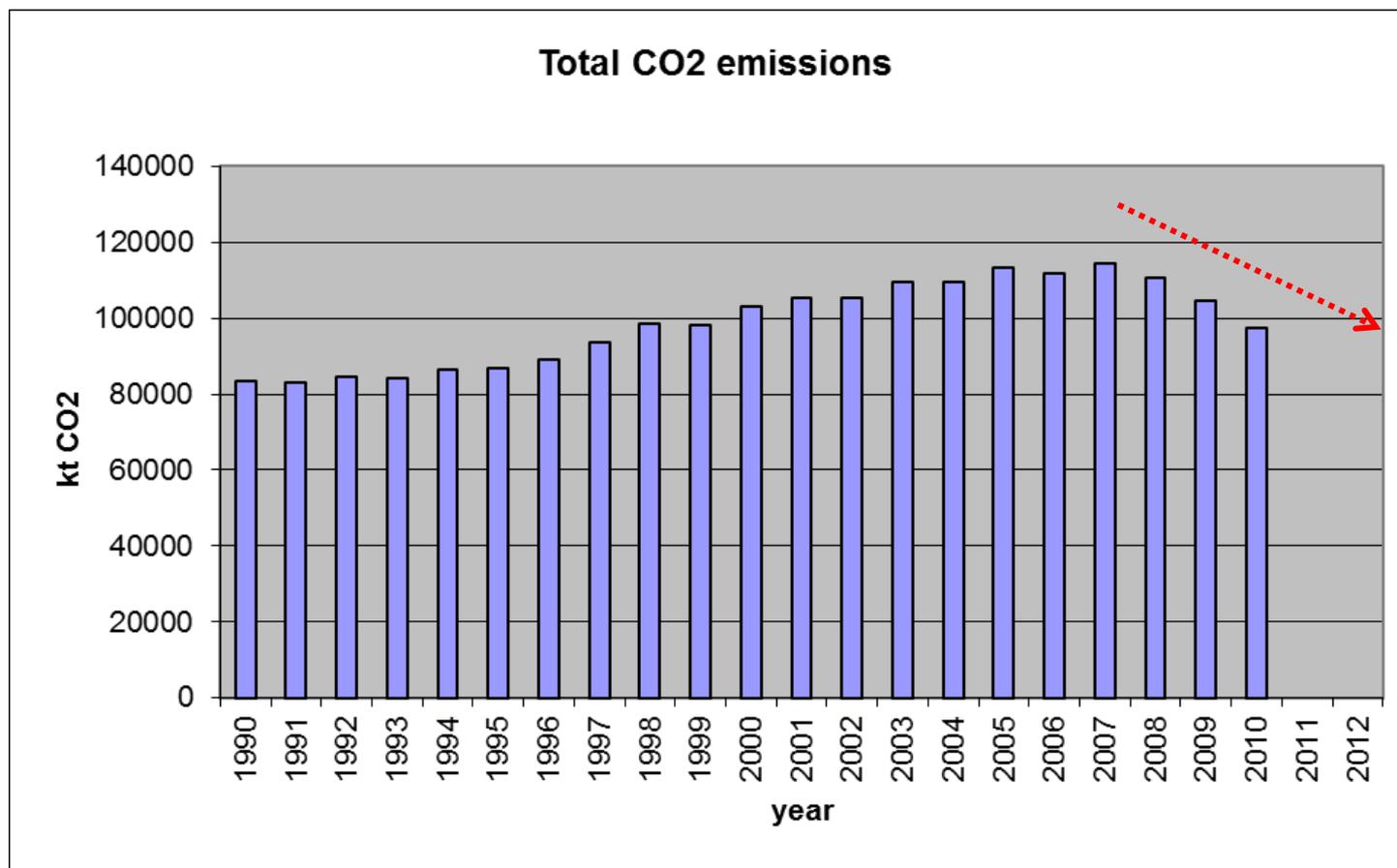
by Daniel Yergin

Nov. 16th 2012

A complete and feasible strategy for meeting our CO2 Abatement Targets is required



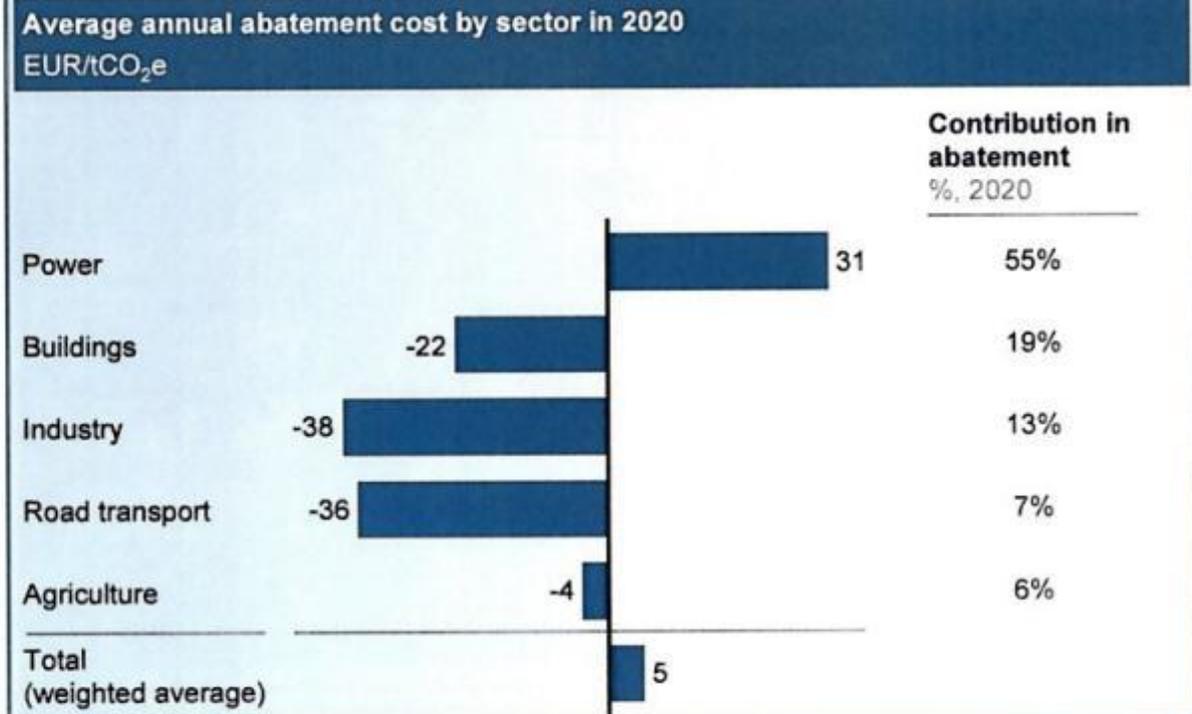
CO2 Emissions in Greece in Decline



Source : YPEKA site

The most powerful and economic lever is... Building Energy Efficiency

The abatement potential in all sectors except for power comes at net economic savings for the Greek society

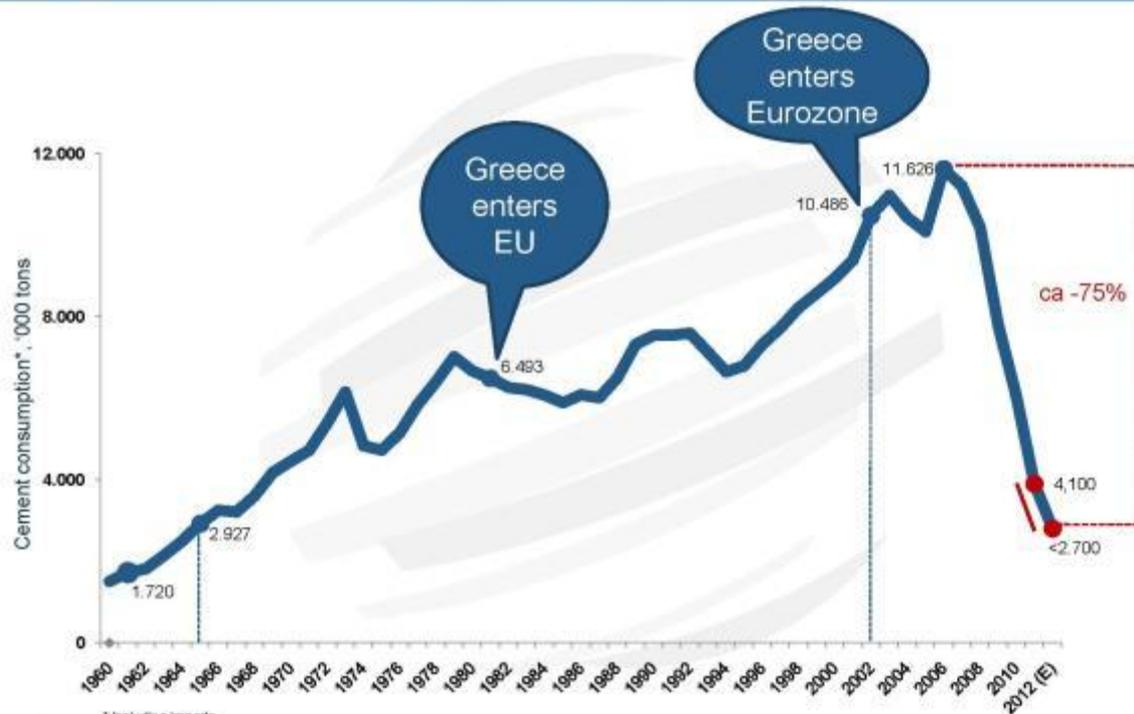


McKinsey & Co Summary Report 2012
"GHG Abatement Potential in Greece"



The depression in Greece has decimated construction activity

Cement consumption in Greece is >75% below its recent peak, at a level last seen before 1965



* Including imports
Source: Hellenic Cement Industry Association (1960-2010), Titan estimates (2011-2012)

A large energy inefficient housing stock exists

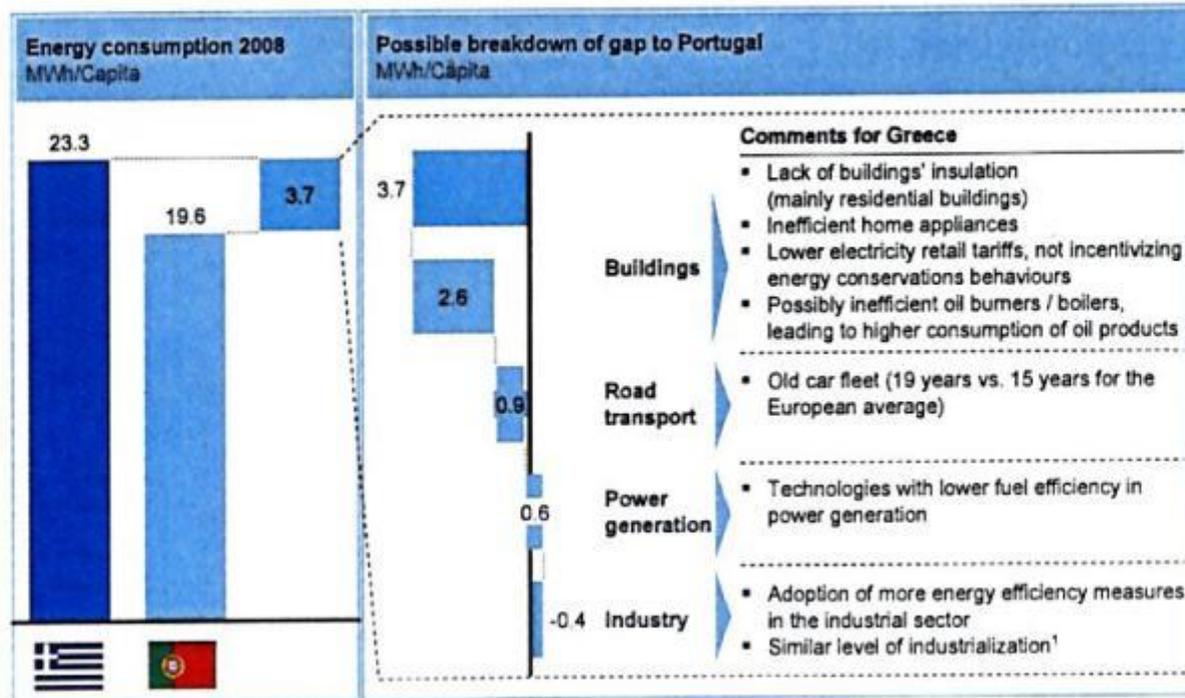


Source : Professor, Dr.-Eng Agis Papadopoulos, Aristotle University Thessaloniki

Energy inefficient housing stock, compared to peers

Building energy efficiency the main driver of Greece's 19% higher per capita consumption versus Portugal

NOT EXHAUSTIVE



¹ Approx. €16.5 bn of Real GVA in 2008 for both countries

The Opportunity in Greece

The refurbishment opportunity to upgrade energy performance of the Greek Housing stock exceeds 1.3mil. residential buildings and several thousands of public and commercial buildings.

Many challenges have blocked progress historically :

- Funding (particularly for remodeling)
- Disconnect between developers and building owners/users/managers
- Delays in adaptation of European energy efficiency codes
- Lack of energy efficiency certification infrastructure

The Opportunity in Greece

Many of these challenges addressed by the Government and YPEKA Ministry after 2009.

- ✓ Since 2009-10 and taking under consideration the economic recession, the high standards of the new energy legislation and the necessity to stimulate the building sector, a series of actions were launched to improve the energy efficiency of private and public buildings (Εξοικονομώ, Εξοικονομώ κατ' οίκον, Bioclimatic urban refurbishments, Green Educational Buildings, Green Roofs for public buildings, Green hospitals).
- ✓ The issue of certification has been addressed by the creation of a specialized body of Energy Inspectors

However, the severity of the depression and the large scale vacancies of rental properties have slowed down the implementation to a trickle.

Nevertheless, the opportunity is real and big as the Greek economy recovers, and IT WILL.

Thank you!

