

# **COPD: A EUROPEAN PROBLEM WITH EUROPEAN SOLUTIONS THE ERS actions to fight COPD**

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**President of the European Respiratory Society**



2010 | The Year of the Lung



ERS EUROPEAN  
RESPIRATORY  
SOCIETY

every breath counts

*Dedicated to:*

*Sharing scientific knowledge*

*Fighting lung diseases*

*Promoting lung health*

**10000 members- over 100 countries**

**Annual Congress >20000 participants**





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**LUNG**  
Live. Learn. Breathe.



# **2010: The Year of the Lung Declaration**

**6 December 2009, Cancun, Mexico**

- **Hundreds of millions of people struggle each year for life and breath due to lung diseases, including tuberculosis, asthma, pneumonia, influenza, lung cancer and chronic obstructive pulmonary disorder, and more than 10 million die.**

**Lung diseases afflict people in every country and every socioeconomic group, but take the heaviest toll on the poor, the old, the young and the weak;**



## WE RECOGNIZE THAT:

**Tobacco use remains legal, although it kills more than 5 million people each year, including 3.5 million who die of COPD, and it affects the health of hundreds of thousands of others who are exposed to its effects secondhand;**

# 2010 | The Year of the Lung

The **2010 Year of the Lung** is being organised by the Forum of International Respiratory Societies (FIRS). FIRS includes the European Respiratory Society (**ERS**), the Asociacion Latinoamericana del Thorax (**ALAT**), the American College of Chest Physicians (**ACCP**), the American Thoracic Society (**ATS**), the Asia Pacific Society of Respirology (**APSR**), the International Union Against Tuberculosis and Lung Disease (**The Union**), and the Pan African Thoracic Society (**PATS**).

Together with close to 200 official partners and supporters from all over the world

[www.2010yearofthelung.org](http://www.2010yearofthelung.org)

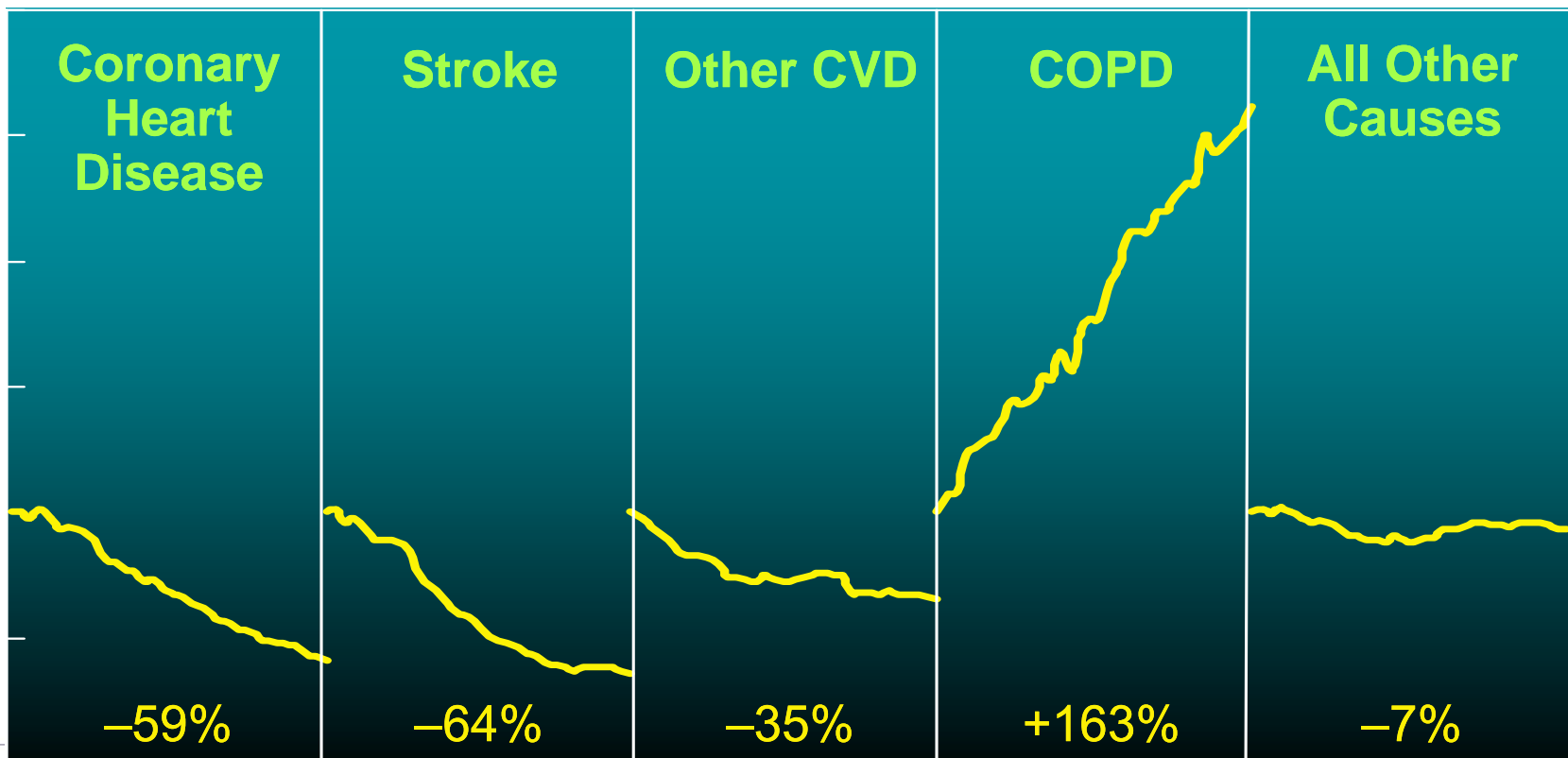


# Definition of COPD

- COPD is a **preventable** and treatable disease with some significant extrapulmonary effects that may contribute to the severity in individual patients.
- Its pulmonary component is characterized by airflow limitation that is not fully reversible.
- The airflow limitation is usually progressive and associated with an abnormal inflammatory response of the lung to noxious particles or gases.



# Percent Change in Age-Adjusted Death Rates, U.S., 1965-1998



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Source: NHLBI/NIH/DHHS



# ERS against Tobacco

- ERS-Tobacco Control Committee
- ELF- information to the public
- Smoke Free Partnership

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# 31<sup>st</sup> May 2010 WNTD

1

2

3

4

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6



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# ELF- AWARD 2010

**35 MEMBERS OF EUROPEAN PARLIAMENT**  
**HOW HAVE SIGN THE PLEDGE IN**  
**SUPPORT OF TOBACCO CONTROL IN**  
**EUROPE**

## **March 10<sup>th</sup> - ERS led Year of the Lung event at Fifth WHO Ministerial on Health and Environment**



- This successful YOL side event was well attended by WHO policy makers



# Promoting Clean Air in Europe

- ERS had several meetings with governments and MEPs to advocate for a strong Air Quality Directive in Europe.
- ERS also lobbied on the proposal for a White paper on Climate change and two ERS amendments have been accepted to the draft report.



## Brainstorming on Research Gap

### 1. Main Challenges identified

- Lifestyle and lung health
- Early origins of adult lung diseases
- Lungs and the environment
- Lung infection and defenses
- Lung diseases in an ageing population

### 2. Research Gaps identified

- New investigation Technologies/Imaging
- New diagnostic tools/biomarkers
- New treatments/medication



## **April 13<sup>th</sup> High level YOL Event**

- Emphasis on research priorities for lung diseases in the European Union.
- National Societies and partners of the Year of the Lung came from all around Europe.

# April 13<sup>th</sup> Event

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2 Billion EURO  
In kind + Cash

1Billion Euro



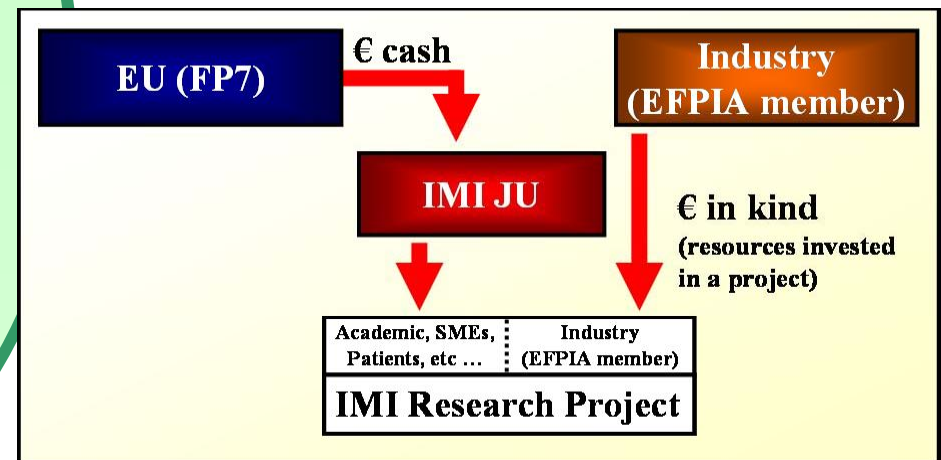
In kind

1Billion Euro



### In-Kind Contribution

A non-monetary contribution to the consortium eg personnel, equipment, consumables etc





# COPD PROActive



- To develop **Patient Reported Outcomes** that capture relevant dimensions of physical activity (PA) and are sensitive to change with interventions including pharmacotherapy

# The PROActive consortium

## EFPIA members

 **Chiesi**

 **gsk** GlaxoSmithKline

 **Almirall**

 **NOVARTIS**  
 **Boehringer  
Ingelheim**

 **Pfizer**

 **AstraZeneca**

 **ucb**

## Patient / Scientific organizations

 **Asthma  
Fonds**

 **BRITISH LUNG  
FOUNDATION**

 **ERS** EUROPEAN  
RESPIRATORY  
SOCIETY  
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## Academic partners

 UNIVERSIDAD DE ZARAGOZA  
1425

 **CREAL** Centre de recerca  
en epidemiologia  
ambiental

 THE UNIVERSITY OF  
EDINBURGH

 UNIVERSITÄT ZÜRICH

**Universität Zürich**

**Royal Brompton & Harefield**

**NHS Foundation Trust**

 **NHS**

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**SME**

**choicepharma**  
realizing visions

# SURVEILLANCE and MANAGEMENT

# EARLY DIAGNOSIS

- PROMOT Spirometry and questionnaires
- GLOBAL PROJECT =  
World Spirometry Day

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# World Spirometry Day, October 14





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# Raising awareness

- Contact your local radio, newspaper and TV for coverage.
- If you are paying a local PR agency, you may decide to create press releases.
- Circulate posters and flyers at local pharmacies and surgeries.
- Advertise in local free newspapers.
- Larger events: organise small press conference/opening ceremony for journalists.
- Supply patient information in waiting areas to educate people queuing.



**Please download the WSD kit for examples that can be edited**  
[www.yearofthelung.org/1633-world-spirometry-day-kit.htm](http://www.yearofthelung.org/1633-world-spirometry-day-kit.htm)



## ERS/ELF White Book 1



Data are presented as n per 100,000.



Source: OECD; [www.oecd.org](http://www.oecd.org)

# WHITE BOOK II

is in preparation and is going to be presented in Barcelona in the ERS congress

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Forum of European Respiratory Societies

# ***COPD AUDIT***



***EUROPEAN STANDARD OF CARE FOR  
EXACERBATION OF COPD – COMPARISON  
OF TREATMENT PRACTICE OF HOSPITAL  
ADMITTED EXACERBATIONS IN COPD  
PATIENTS  
BY AN WEB-BASED AUDIT***

European Respiratory Society

External Consultant

Steering (Executive)  
Committee

Expert Panel

UK

Belgium

Austria

Croatia

Ireland

Greece

Macedonia

Romania

Poland

Slovakia

Spain

Switzerland

Turkey



# European Lung Foundation

## Public voice of the European Respiratory Society

- Website about lung health and disease for public  
→ Viewed by at least 1,500 unique visitors per day).
- ERS and ELF Coordinators of World Spirometry Day, the first ever  
global lung function testing event (October 14, 2010).

# Informing about COPD

- ELF website: [www.european-lung-foundation.org](http://www.european-lung-foundation.org)
- English, French, German, Italian, Spanish, Polish, Russian, Greek
- Developed from ERS resources or by ERS member **COPD resources**
- COPD section; visited 36,184 times in last 10 months
- Factsheets “Living well with COPD”; downloaded >1,000
- ERS patient guidelines



# CONCLUSIONS I

- COPD is a very common but deadly disease
- All Health Organizations that care about patients with COPD must join forces to fight the disease and convince the decision Makers :

# CONCLUSION II

**To support:**

- **Stronger laws against tobacco**
- **Efforts for early diagnosis of COPD**
- **Research on the pathophysiology of COPD**
- **Research for new treatment and better management**
- **Surveillance projects**



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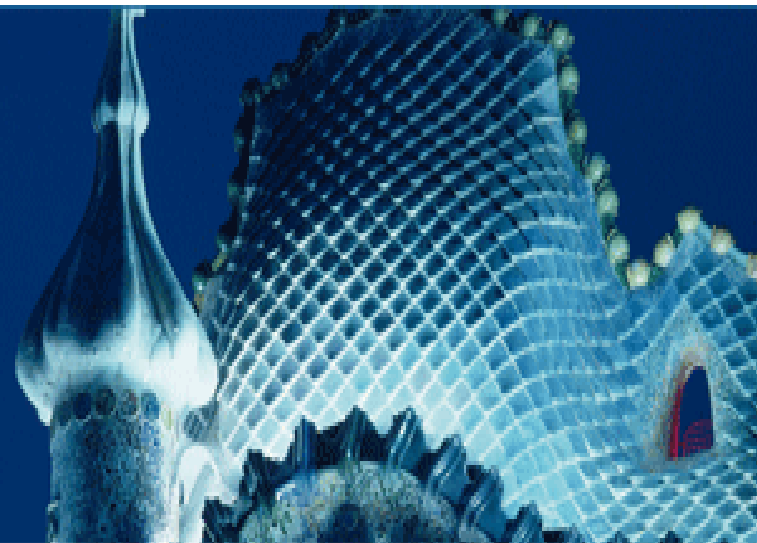
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EUROPEAN RESPIRATORY SOCIETY

BARCELONA 2010

ANNUAL CONGRESS **spain, 18-22 september**

20 YEARS OF EXCELLENCE



**WE LOOK FORWARD TO WELCOMING  
YOU IN BARCELONA!**

