

Vila do Conde, 29 Abril de 2010



The Portuguese Digital Agenda

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1

Knowledge

- Higher enrolment of people in lifelong learning
- To improve the qualification level of the Portuguese population
- To mobilize population to the Knowledge Society

2

Technology

- To reinforce technical and scientific skills
- To mobilize industry to R&D

3

Innovation

- To promote qualified jobs
- High-tech industry and services
- To boost innovation in enterprises

Some Technological Plan's Programs

Technological Plan
launch



2005

Generalization of
the use and offer of
broadband Internet



2006

e.Escola,
e.Professor and
e.Oportunidades
Programs launch



2007

e.Escolinha Program
(Magellan) launch



2008

Improve Digital Skills in Population

Public initiatives

- **Technological Plan for Education**
(400M€ to develop the schools' technological infrastructures and upgrade teachers' skills)
- **Magalhães** –
customised laptops for
500 000 basic school
students

-  **e.escola**
(broadband-
connected laptops for
750.000 teachers,
students and adults in
lifelong learning)

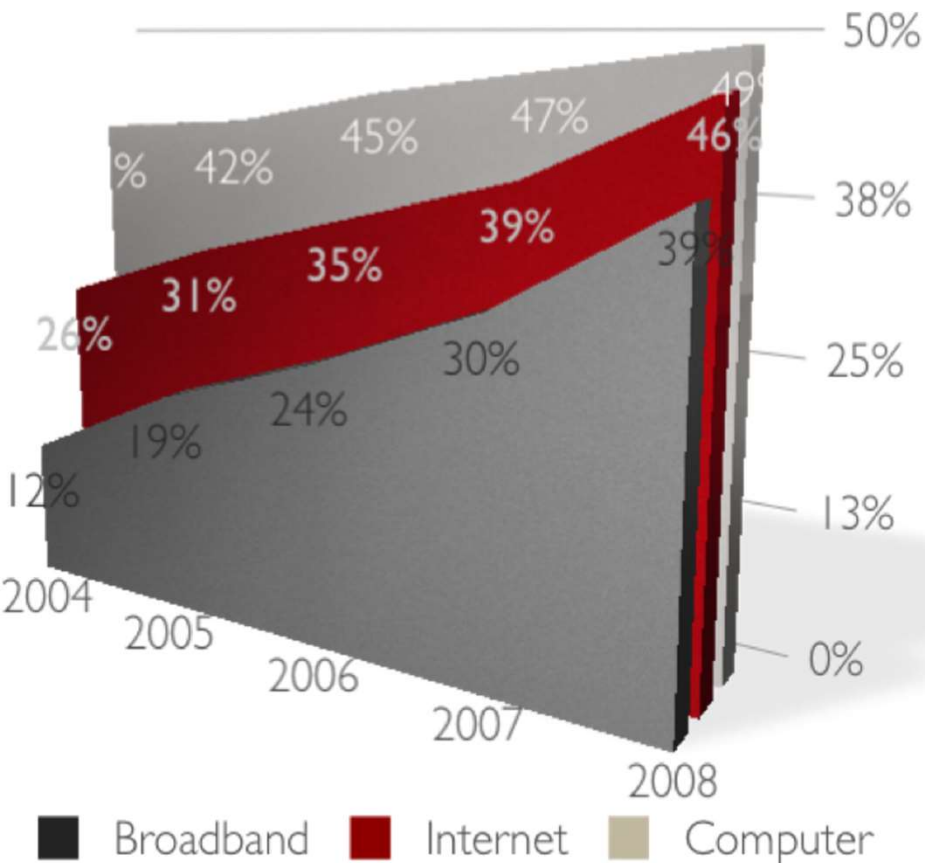
Private initiatives

- Nation-wide
broadband coverage
- **IT Academies** by the
industry
- **Digital literacy**
development

A comprehensive approach to touch a wide public, reaching students, teachers, enterprises and older adults enrolled in lifelong learning

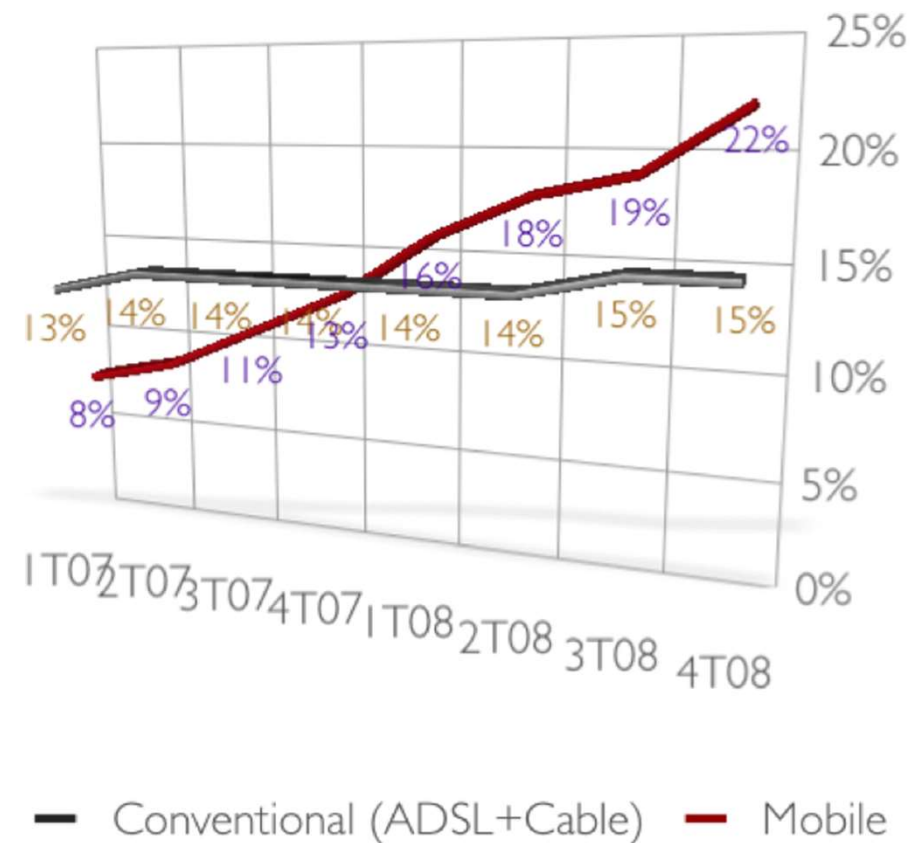
Impact of the Technological Plan and the Lisbon Strategy on ICT

Computer, Internet and Broadband in Portuguese households (%)



Source: INE

Conventional and Mobile Broadband penetration (% of total population)

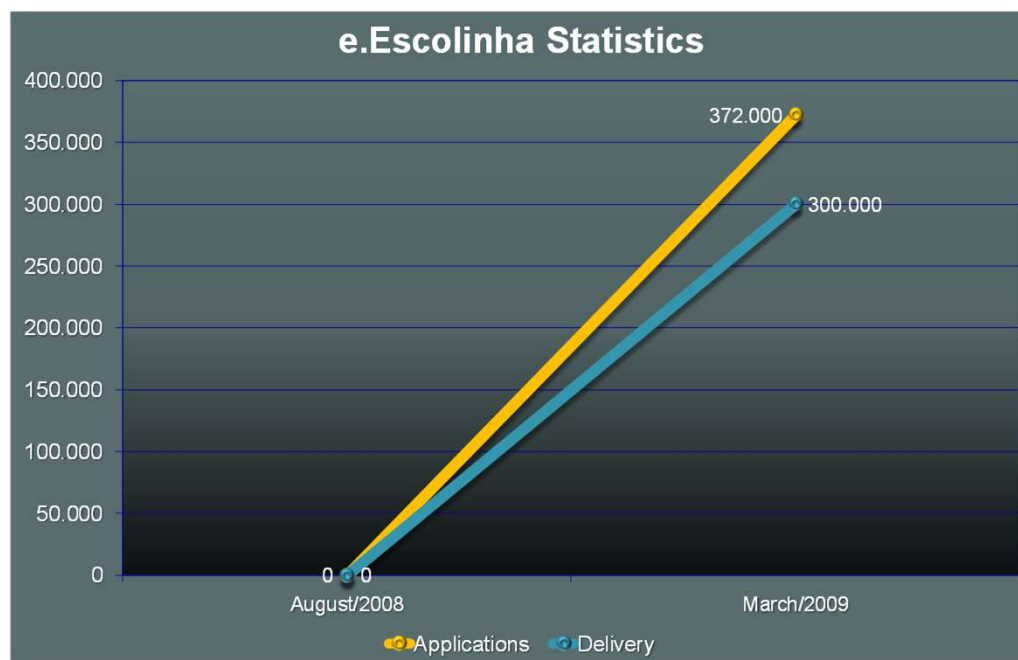
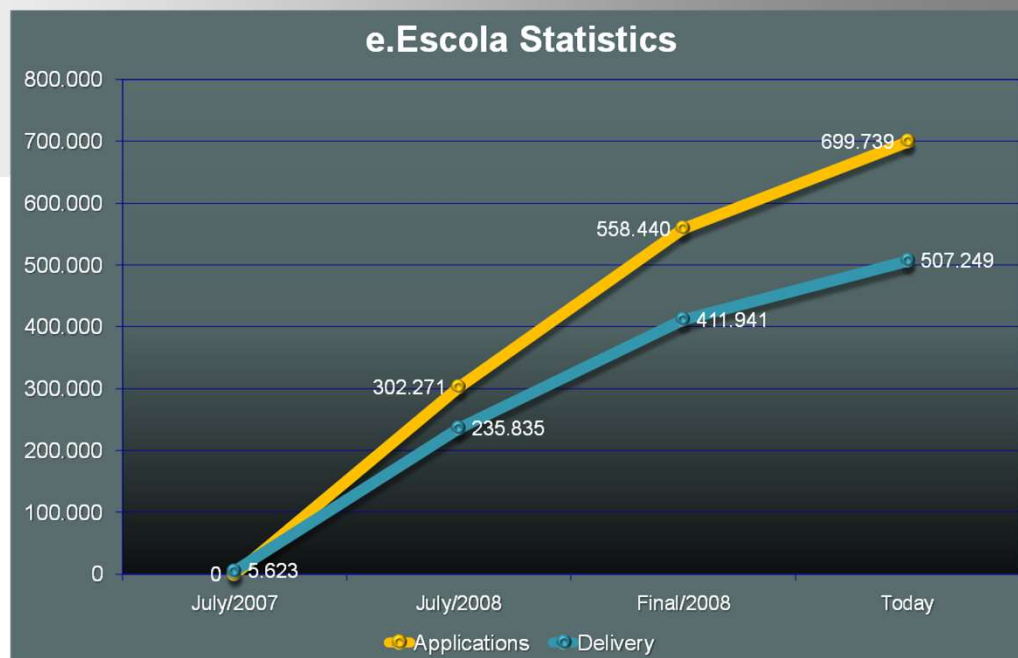


Source: ANACOM

Today's Statistics:

The Portuguese market for Personal Computers in 2008 showed the greatest increase among Western European countries(*):

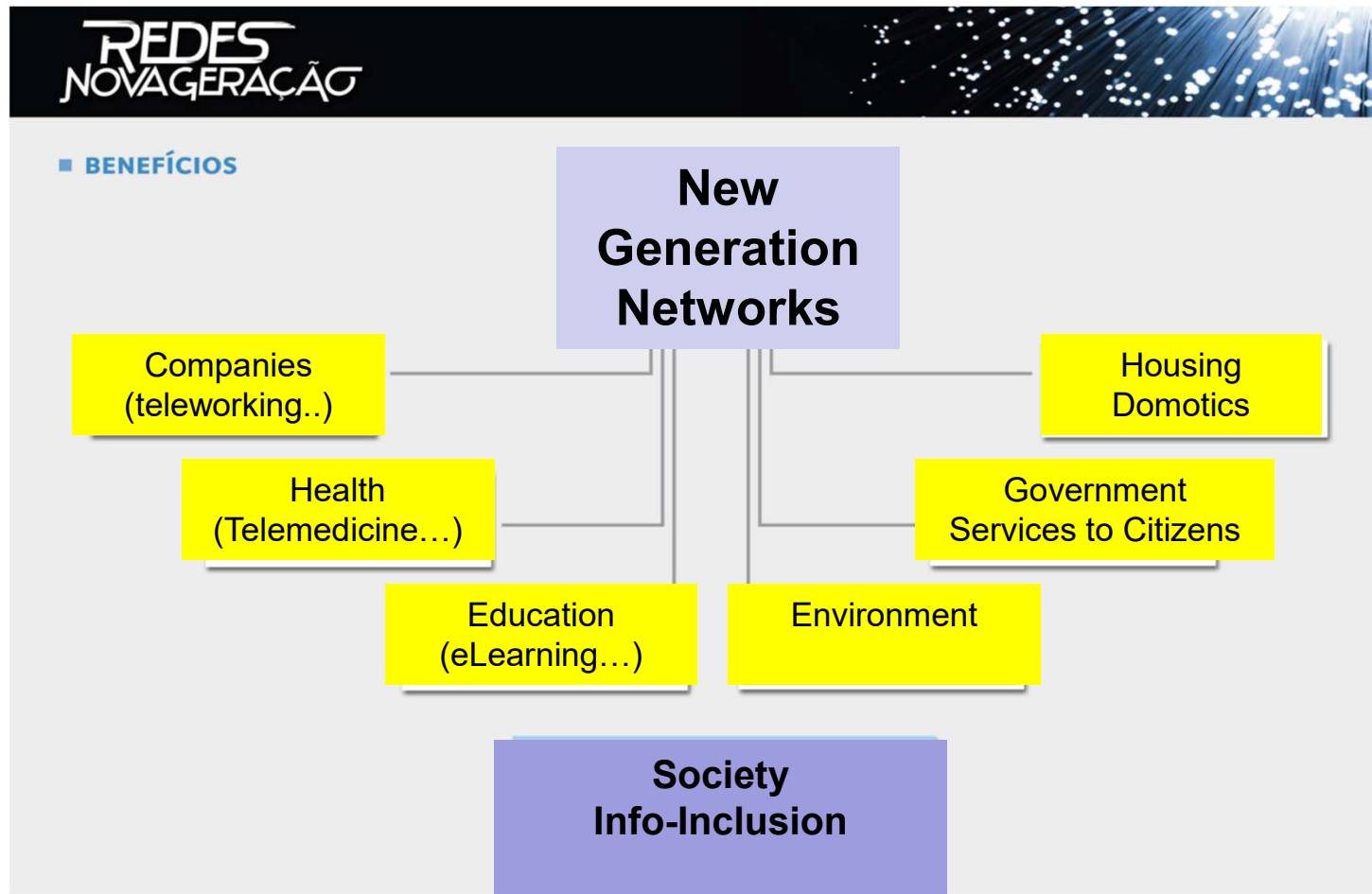
- ✓ **58.8% growth** of the **Portuguese Computer Market** (laptops and desktops) compared to 2007;
- ✓ **1.33 million laptops** were sold in Portugal;
- ✓ **85.6% growth** of the **Portuguese Laptop Market** compared to 2007.



(*) Source: IDC, 2009-02-12 (http://www.idc.com/portugal/press/pr_2009-02-12.jsp)

New Generation Networks

Investing in an Inclusive Society



Targets to Achieve until 2010

- 1 million users of NGN in 2010;
- Every School (Basic and Secondary) connected to NGN in 2010
- Public Network and Hospitals connected to NGN in 2010
- Justice services and institutions linked to NGN
- Higher Institutions linked to NGN
- Other public institutions, like Museums and Libraries connected to NGN

Technological Plan for Education

Technology

Technological Kit
*Computers, videoprojectores
and interactive whiteboards*

High-speed broadband Internet

Internet in the Classroom
Local Area Networks

School Card

School S@fety

Contents

School Portal

Simplex School
School management platform

Institutional Portal
of the Ministry of Education

Training

ICT Competencies Training and
Certification

Electronic Assessment

ICT Internships

ICT Academies

Transversal Projects

Technological Support Centre for Schools

e.escola, e.professor, e.oportunidades

Fund for inclusion in education

e.escolinha

transversal projects

e-escola (e-School)

e-escolinha (The Magellan Laptop)

Magellan laptop: e.escolinha programme

● Concept

To provide primary school students with the opportunity to acquire laptops and broadband Internet connection at exceptional prices (**€0, €20 or €50**)

The programme is co-funded by mobile telecommunication companies through the Information Society Fund

● Rationale

The laptop is a personal computer it belongs to the child and not to the school.

Its integration in the classroom is not mandatory but it depends on the teacher strategy

We assume that 6-10 year old child, their families and teacher are the programme targets

● Status

- ✓ Undergoing
- ✓ More than **500.000 computers to be delivered throughout 2008/2009**

e.escola, e.professor and e.oportunidades programmes summary

● Concept

To provide lower and upper secondary school students, teachers and adults in adult education programmes with the opportunity to acquire laptops and broadband Internet connection at exceptional prices.

The programme is co-funded by mobile telecommunication companies through the Information Society Fund

● Goals

To generalise the use of computers and Internet in the teaching/learning process

● Status

- ✓ Undergoing
- ✓ More than **900.000 computers delivered to teachers, students and adults in adult education programmes**

e.escola and e.escolinha programmes integrated approach

Technology

- **To increase and generalise the pedagogical use of computers and the Internet**
- To guarantee access to high speed Internet connections at home, in all classrooms and all school spaces

Contents

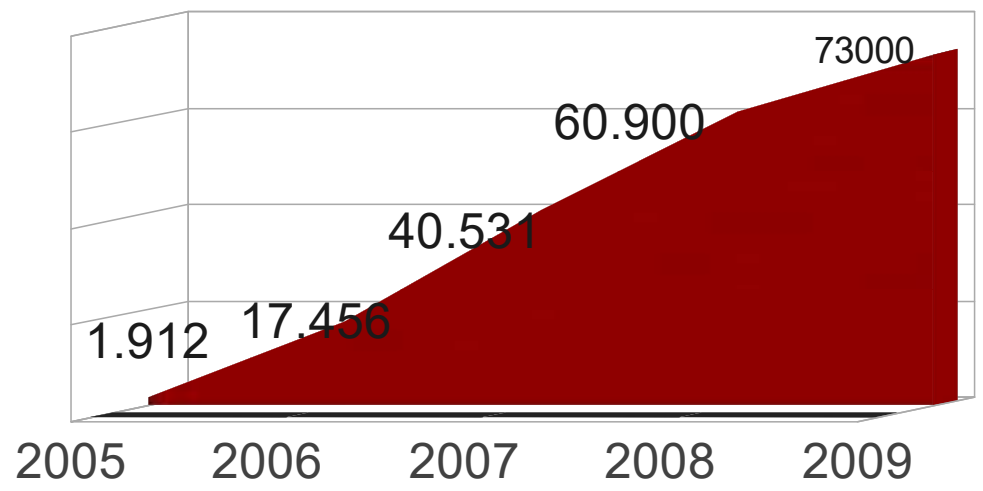
- **To make available specific digital contents for educational purposes**, adapted to every teaching level
- **To stimulate the digital contents market** to create specific educational contents

Training

- **To provide specific training for teachers** and to certify their ICT skills
- **To provide training and follow-up for families in schools**

CONDITIONS FOR THE ECONOMIC ACTIVITY

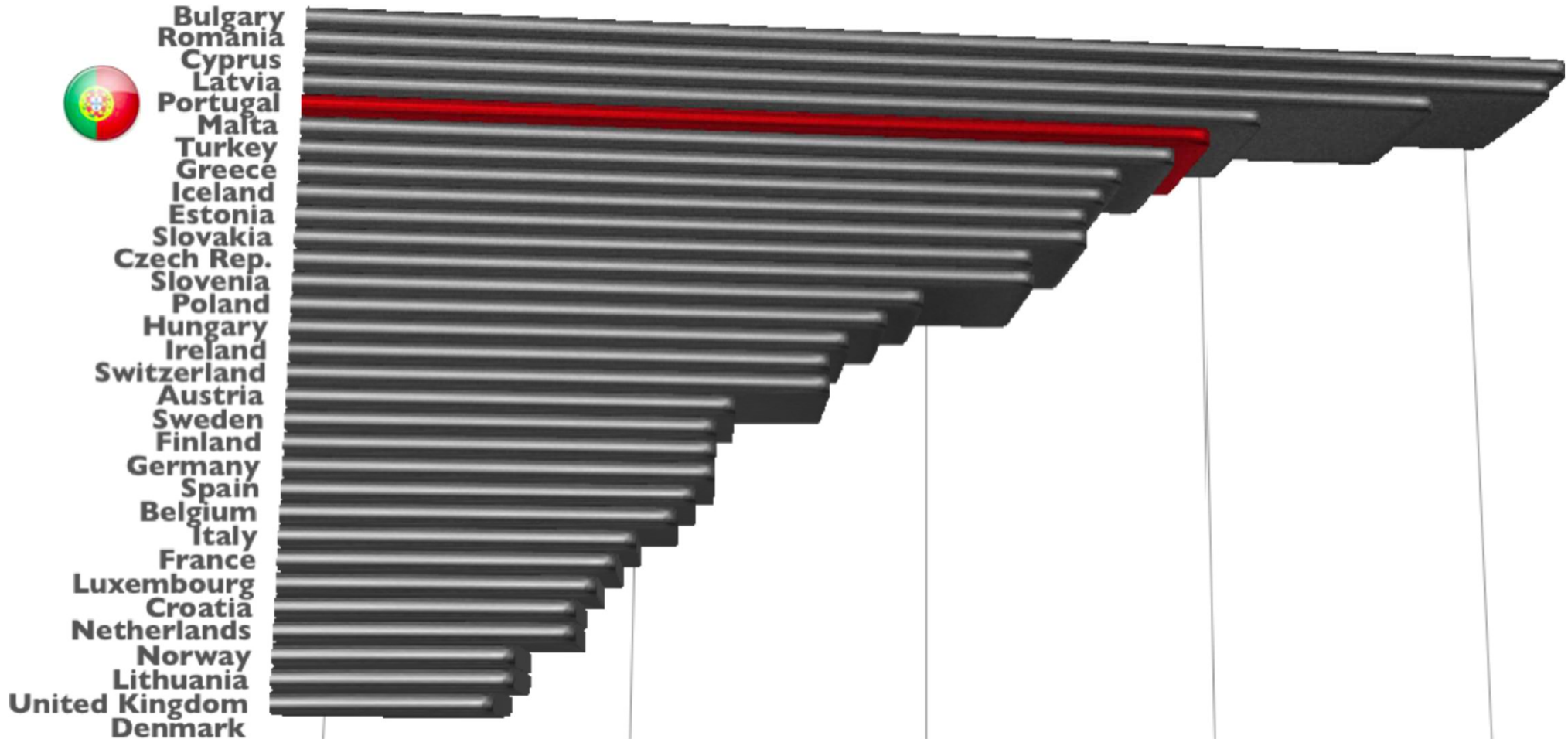
“On the Spot Firms” established



Simplified Statements delivered (IES)



INNOVATION PERFORMANCE IMPROVEMENT



Source: European Innovation Scoreboard 2008 - Average annual improvement in innovation performance

Citizens' Portal – Better to You, Better to All

683 services provided by 125 entities

The screenshot shows the 'Portal do Cidadão' website. The header includes the logo 'PORTAL DO CIDADÃO MELHOR PARA SI, MELHOR PARA TODOS' and navigation tabs for 'SERVIÇOS', 'DOSSIERS', 'ALTERAÇÃO DE MORADA', 'CERTIDÕES ONLINE', and 'CARTÃO DE CIDADÃO'. A search bar is located in the top right. The main content area is divided into several sections: 'Eu Cidadão e ...' with links to 'a minha Casa', 'a minha Educação', 'a minha Família', 'a minha Saúde', 'a minha Segurança', 'o meu Dinheiro', and 'os meus Impostos e Contribuições'; 'Serviços Online' with links to 'Acesso ao Diário da República Electrónico', 'Denúncias sobre Qualidade e Segurança Alimentar e ...', and 'Pedido de Cartão Jovem Euro <26>'; 'Dossiers em Destaque' with links to 'Como obter o Divórcio?', 'Direitos dos Consumidores', 'Estudar no Estrangeiro', 'Perdi os Meus Documentos!', 'Precisa de uma Empregada Doméstica?', and 'Viajar Fora de Portugal'; 'Áreas de Interesse' with links to 'Certidões, Licenças, Registos e Atins', 'Comunidades Estrangeiras', 'Documentos Pessoais', 'Educação e Formação', 'Emprego e Actividade Profissional', 'Impostos, Direitos Aduaneiros e Contribuições Soci...', and 'Saúde e Nutrição'; 'Fale Conosco' with contact information; 'Linha de Apoio' with the number '808 24 11 07'; 'Agenda 2007' with a calendar for May; 'Em Destaque' with a section for 'ACIME promove Semana da Diversidade Cultural'; 'Redução de Preços para Serviços Online na Justiça'; 'Sites em Destaque' with links to 'www.consumidor.pt' and 'www.voluntariado.pt'; and a 'Pesquisar' section with a search bar and a list of services like 'Cartão de Cidadão', 'Serviços Online', 'Newsletter e Serviços Móveis', etc.

- More than 300.000 registered users
- 120.000 newsletter subscribers
- 3.000.000 page views/month

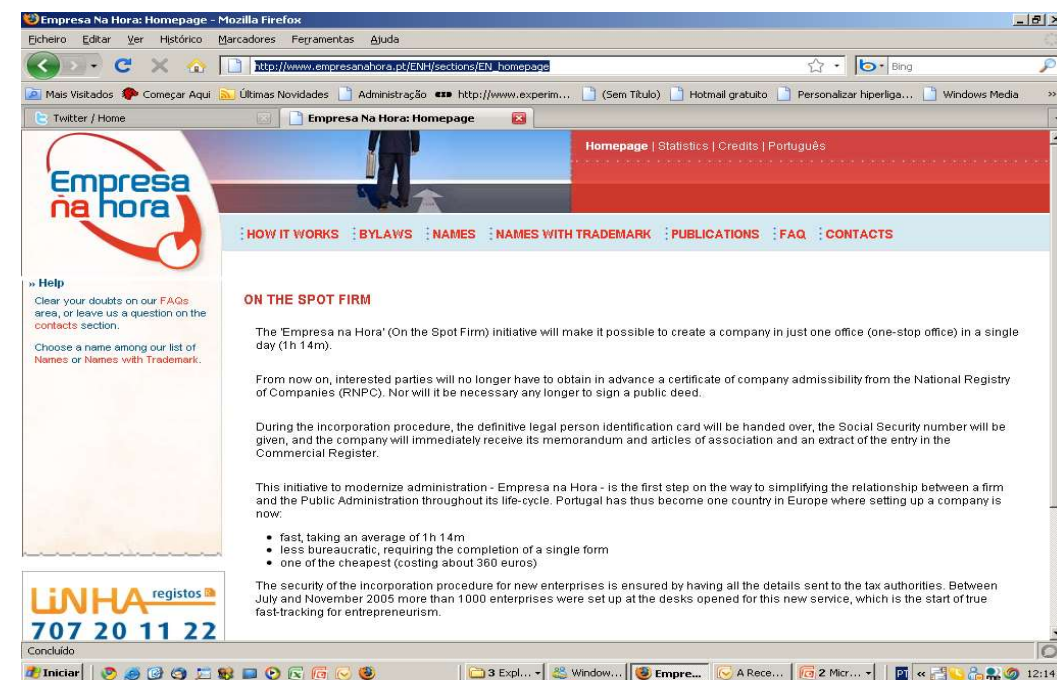
<http://www.portaldocidadao.pt>

Business Portal – Simpler, from start to end

Create an enterprise face to face in less than one hour or do it online: strong authentication and digital signature

74.000 “ON the SPOT FIRM” / BUSINESS ONLINE CREATED (2005-2009)

450 services (information and transactional)



Finances and the relation with taxpayers

Electronic Tax Submissions: about 70%

The screenshot displays the 'finanças' website interface. On the left, a vertical navigation menu is circled in red, listing various services such as 'Instituições', 'Serviços Online', 'Certidões', 'Validação Doc.', 'Reclamações', 'Alterar Morada', 'Vendas', 'Penhoras', 'Lista Devedores', 'Contribuintes', 'TOC', 'Notários', 'Municípios', 'Peritos', 'Ent. Públicas', 'Aduaneiros', 'Estatísticas', 'Simuladores', 'Impressos', 'Legislação', and 'Downloads'. The main content area features a search bar, login fields for 'Nº Contribuinte' and 'Senha', and a 'Mapa' button. Below the login fields, there are links for 'Pedir Senha', 'Alterar Senha', 'Recuperar Senha', and 'Informação de Cadastro'. The main heading reads 'Bem Vindo às Declarações Electrónicas' and includes a welcome message from the Direcção-Geral dos Impostos (DGCI). A 'ÚLTIMAS NOVIDADES' section lists recent updates, such as the availability of the 'Decl. Modelo 14' and 'Penhoras de Certificados de Aforro'. The bottom of the page shows 'SERVIÇOS ONLINE DISPONÍVEIS' for IRS, IRC, IVA, and PATRIMÓNIO. The right sidebar contains 'Notícias', 'Help-desk' information, and 'Novidades'.

<http://www.e-financas.gov.pt/de/jsp-dgci/main.jsp>

Lisbon Strategy Pos-2010: EU 2020

The new strategy will focus on the key areas where action is needed

EU2020 key areas:

- knowledge and innovation
- a more sustainable economy
- high employment and social inclusion.

Smarter, Greener and Inclusive Growth

EU2020 Targets

The European Council agreed on the following headline targets, which constitute shared objectives guiding the action of the Member States and of the Union:

- **Aiming to bring to 75% the employment rate** for women and men aged 20-64, including through the greater participation of youth, older workers and low skilled workers and the better integration of legal migrants;
- Improving the conditions for research and development, in particular with the aim of bringing combined public and private **investment levels in this sector to 3% of GDP**; the Commission will elaborate an indicator reflecting R&D and innovation intensity;
- **Greener economy:** reducing greenhouse gas emissions by 20% compared to 1990 levels; increasing the share of renewables in final energy consumption to 20%; and moving towards a 20% increase in energy efficiency;

EU2020 Targets

- Improving education levels, in particular by aiming to **reduce school drop-out rates and by increasing the share of the population having completed tertiary or equivalent education** (the European Council will set the numerical rates of these targets in June 2010);
- Promoting social inclusion, in particular through the **reduction of poverty**. Further work is needed on appropriate indicators (numerical rates in June 2010)

Thank you!

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