

# **Centro de Documentación del ONTSI**

**NOVEDADES BIBLIOGRÁFICAS**

**Marzo 2017**

## **PUBLICACIONES ONTSI**

### **INFORMES**

#### **CARACTERIZACIÓN DEL SECTOR INFOMEDIARIO EN ESPAÑA**

Ministerio de Energía, Turismo y Agenda Digital. Observatorio Nacional de las Telecomunicaciones y de la SI = ONTSI

2016 ed. : España. Ministerio de Energía, Turismo y Agenda Digital, [2017]

El presente estudio proporciona y analiza los elementos esenciales que definen el sector Infomediario en España, sector conformado por las empresas que generan productos y/o servicios para su comercialización a terceros a partir de la información del sector público

#### **CARACTERIZACIÓN DEL SECTOR INFOMEDIARIO EN ESPAÑA : Casos de Éxito y Mejores Prácticas en la reutilización de información pública**

Ministerio de Energía, Turismo y Agenda Digital. Observatorio Nacional de las Telecomunicaciones y de la SI = ONTSI

2016 ed. : España. Ministerio de Energía, Turismo y Agenda Digital, [2017]

- Análisis de casos de éxito y/o buenas prácticas que nos permiten identificar elementos que están impulsando la reutilización de información esencialmente pública, pero también privada, y que han sido capaces de proponer modelos de negocio de éxito

### **INDICADORES**

#### **INDICADORES DESTACADOS DE LA SOCIEDAD DE LA INFORMACIÓN : Marzo 2017**

Ministerio de Energía, Turismo y Agenda Digital. Observatorio Nacional de las Telecomunicaciones y de la SI = ONTSI

ONTSI, 2017

#### **Esquema de Indicadores de Confianza Digital en España : 2016**

Ministerio de Energía, Turismo y Agenda Digital. Observatorio Nacional de las Telecomunicaciones y de la SI = ONTSI

ONTSI, 2017

- El esquema se organiza en tres grandes áreas: confianza en hogares, confianza en empresas y mercado potencial de empresas del sector. En el área de confianza en hogares se recogen indicadores relacionados con la ciberseguridad, los menores, la privacidad y las transacciones electrónicas. Algunos de estos indicadores clave son: personas que utilizan cualquier tipo de software de seguridad de TI o de herramienta con el fin de proteger datos privados y el ordenador personal, grado de confianza en Internet y menores de edad que disponen de teléfono móvil.

#### **Dossier de Indicadores del Índice de Economía y Sociedad Digital (DESI)**

Ministerio de Energía, Turismo y Agenda Digital. Observatorio Nacional de las Telecomunicaciones y de la SI = ONTSI

2017 : ONTSI, 2017

- El dossier resume los indicadores más relevantes del desarrollo digital en Europa y muestra la evolución de los Estados Miembros de la Unión Europea en lo que respecta a la competitividad digital.

## **OTRAS PUBLICACIONES**

## **UNIÓN EUROPEA (Legislación)**

### **Contracts for supply of digital content (Briefing : EU Legislation in Progress : March 2017)**

European Parliament

European Parliament, 2017

- They propose to expand the directive's scope to include digital content supplied against data that consumers provide passively, while also strengthening the position of consumers as regards criteria of conformity. Objective criteria would become the default rule, with a possibility to depart from them only if the consumer's attention were explicitly drawn to the shortcomings of the digital content. The Digital Content Directive was proposed as part of a legislative package, alongside the Online Sales Directive. The Council has favoured a fast-track for the digital content proposal, while seeking to reflect for longer on the proposed Online Sales Directive. Nonetheless, the Commission is keen not to dismantle the legislative package, and likewise the Parliament has been working on the two texts in parallel, seeking to coordinate amendments to the two proposals. Second edition. The 'EU Legislation in Progress' briefings are updated at key stages throughout the legislative procedure.

## **UNIÓN EUROPEA (Libros)**

### **ENISA programming document : 2017-2019**

European Union Agency for Network and Information Security (ENISA)

European Union Agency for Network and Information Security (ENISA), 2017

ISBN: 978-92-95032-43-9

ISSN: 2467-4176

DOI: 10.2824/132933

- This document provides a complete description of the work that the European Union Agency for Network and Information Security (ENISA) intends to carry out during 2016 and an associated multiannual planning for the years 2017 and 2018. The work programme (WP) in its current state has been updated based on the feedback received from the European Commission (EC) and the Member States (MS) in August 2015 and covers also the changes of the ad hoc group meetings of May and September 2015.

### **Descriptions of reusable location information solutions 2017 : European Union Location Framework**

Max Stahlecker ...[et al.]

European Commission

European Union, 2017

- The goal of this analysis, carried out as part of the EULF action, was to identify a list of reusable location information solutions (including standards and specifications) which could be shared on Joinup; a list which public administrations and other geospatial data providers can leverage when developing location-enabled solutions and services.

### **The ethics of Big Data: Balancing economic benefits and ethical questions of Big Data in the EU policy context**

European Economic and Social Committee

Bruxelles : Visits and Publications, 2017

- This study, carried out to support the activities of the EESC, explores the ethical dimensions of Big Data in an attempt to balance them with the need for economic growth within the EU. In the first part of the study an in-depth review of the available literature was carried out, to highlight ethical issues connected with Big Data. Five actions were devised as tools to strike the balance described above. The second phase of the study involved interviews with a number of key stakeholders and conducting a survey that acquired information on the general knowledge of the issues connected to the use of Big Data. Feedback on the proposed balancing actions was also sought and taken into consideration in the final analysis. Attitudes as emerged from interviews and survey most often ranged from concerned to worried, while benefits of Big Data were seldom discussed by the respondents. Benefits are, nevertheless, intrinsic to Big Data, as well as risks, and they are discussed more broadly throughout the study

### **Language equality in the digital age - Towards a Human Language Project**

[Rafael Rivera Pastor... et al.]

European Parliament

Brussels : European Union, cop. 2017

- The EU is a unique endeavour involving more than 500 million citizens sharing about 80 different languages, and while multilingualism is a key feature, it is also one of the most substantial challenges for the creation of a truly integrated EU. Language barriers have a profound effect on cross-border public services, on fostering a common European identity, on workers' mobility, and on cross-border e-commerce and trade, in the context of a Digital Single Market. The emergence of new technological approaches, based on increased computational power and access to sizeable amounts of data, are making Human Language Technologies (HLT) a real solution to overcoming language barriers. However, several challenges, such as market fragmentation and unsubstantial and uncoordinated funding strategies, are hindering the European HLT community, including research and industry

### **The Economic and Social Impact of Software & Services on Competitiveness and Innovation : (SMART 2015/0015)**

A study prepared for the European Commission DG Communications Networks, Content & Technology by: Pierre Audoin Consultants, Le CXP, Fraunhofer-Institute for Systems and Innovation Research

European Commission

European Union, cop 2017

ISBN 978-92-79-66177-8

doi:10.2759/949874

- The software industry is one of the most dynamic industries. As a prime industrial differentiator and the basis for a growing range of innovations, software can significantly increase Europe's industrial competitiveness and largely contribute to Europe's growth. But with new opportunities has come a range of challenges that software companies must meet. Against this background, and on behalf of the European Commission, the project consortium consisting of Pierre Audoin Consultants (PAC), Le CXP and Fraunhofer ISI has (again) taken a closer look at the European software and software-related services industry and its economic and social impact.

## **Towards new rules on sales and digital content : Analysis of the key issues : IN-DEPTH ANALYSIS**

Rafal Manko

European Parliamentary Research Service

European Union, cop 2017

ISBN 978-92-846-0790-7

doi:10.2861/507875

- In 2015, the Commission presented two proposals for directives: on the online sale of goods to consumers, and on the supply of digital content to consumers. The two proposals need to be analysed in the context of the existing Consumer Sales Directive from 1999, which is currently under revision as part of the REFIT exercise. If the two proposals enter into force, consumer sales transactions will be regulated by three instruments: with regard to tangible goods sold face to face – by the Consumer Sales Directive, with regard to tangible goods sold at a distance – the Online Sales Directive, and with regard to the sale of digital content – the Digital Content Directive...

## **Technological innovation strategies in substance use disorders**

[Gianluca Quaglio: Executive Summary, Introduction, Chapters 2-6 and policy options ; Giovanni Esposito: Chapter 6]

European Parliament

Brussels : European Union, cop 2017

ISBN 978-92-846-0692-4

doi: 10.2861/51364

- The study includes an extensive critical literature review on the potential of new technologies for drug addiction management. A survey among European experts in the field of addiction was also carried out. New technologies have the potential to provide parallel/alternative instruments of information, prevention and treatment for substance use disorders. They have the capacity to reach populations that have not traditionally been in treatment. Despite encouraging progress, new technologies need to be evaluated with caution. Across research studies, there are methodological difficulties, such as a lack of common definitions, selection biases and inappropriate research designs, which require further investigation. To date, new technologies have the potential to affect, and perhaps deeply transform, existing models of health care delivery in the field of addiction

## **UNIÓN EUROPEA (Informes)**

### **The need to integrate the Social Sciences and Humanities with Science and Engineering in Horizon 2020 and beyond**

European Commission

FET Advisory Group, 2016

- A report by the Future and Emerging Technologies Advisory Group analyses how technological innovations need to pay close attention to the social contexts in which they are to be placed. It recommends more support to multidisciplinary and interdisciplinary research that brings together engineering, natural science and the social sciences and humanities.

### **EU-wide digital Once-Only Principle for citizens and businesses : Policy options and their impacts**

A study prepared for the European Commission DG Communications Networks, Content & Technology by: GNKS Consult, CIVIL CONSULTING, Trialateral Research & Consulting, FORMIT ; This study was carried out for the European Commission by Jonathan Cave, Maarten Botterman (GNKS Consult BV), Simona Cavallini, and Margherita Volpe (FORMIT) European Commission. Directorate-General of Communications Networks, Content & Technology, 2017

- This report: takes stock of current data re-use in national and cross-border interactions with public administrations; explores gaps and barriers affecting prospects for a EU-wide digital Once-Only Principle (OOP); identifies policy objectives and options; and analyses their impacts on key stakeholders under different possible scenarios (considering the very different circumstances of businesses and of individuals).

### **HORIZON 2020 FET Open in 2014-2016: STATE OF PLAY**

European Commission

European Commission, 2017

- This booklet provides analysis and information on tendencies of FET-Open Research and Innovation Action in terms of country and organization participations, scientific fields covered, interdisciplinarity of research topics and proposal resubmissions. A thorough evaluation process allows the selection of the best proposals, resulting in a continuously growing portfolio of highquality interdisciplinary FET-Open projects

### **eHealth standards and Profiles in Action for Europe and Beyond**

European Commission

[2017?]

- The study mainly notes a general agreement among the respondents that standard-driven tools advance the quality of eHealth products and services by continuously improving the specifications (centers of competence and industry) and increasing the efficiency of production (industry and standards organizations). Other qualifications selected were developing partnerships (centers of competence), recognition (industry) and economies of scale or facilitating training on standards

### **Research Priorities in the area of Software Technologies**

Prepared by Diomidis Spinellis

European Commission

2016

- This report presents different technological and scientific trends in software development (as cloud computing, big data) and analyses the effects in vertical application domains (like autonomous vehicles). It sums up the resulting crosscutting challenges and gives examples of targeted research on the international level. The author concludes with recommendations for targeted research investments in software engineering research

### **Foresight workshop on EU's future RDI priorities in learning technologies : workshop report, Luxembourg 13 December 2016** **Commission European**

[2017]

- During the workshop learning technologies experts were reflecting on possible future Research, Development and Innovation (RDI) priorities for the next programming period and beyond.

## **UNIÓN EUROPEA (Indicadores)**

### **Economy and Society Index (DESI) 2017**

European Commission

European Commission, 2017

- The Digital Economy and Society Index (DESI) is a composite index that summarises relevant indicators on Europe's digital performance and tracks the evolution of EU member states in digital competitiveness

## **LIBROS**

### **Big data en salud digital : Informe de resultados**

Fundación Vodafone España, Red.es, Análisis e Investigación ; Alberto Urueña López, José María San Segundo Encina (Dirección y Coordinación) ; María Pilar Ballestero Alemán ...[et al.]

Fundación Vodafone España, Red.es, Ministerio de Energía, Turismo y Agenda Digital

- El documento destaca la potencialidad que el almacenamiento e intercambio de información electrónica sobre salud tiene para reducir los errores de medicación, los reingresos hospitalarios, la duplicación de ensayos y, por consiguiente, para mejorar el diagnóstico, el seguimiento de los enfermos crónicos y aminorar los costes asociados a la atención sanitaria

### **eSalud: las oportunidades del nuevo modelo**

[Ana García-Valenzuela...et al.]

Telefónica, A un clic de las TIC

Telefónica, 2017

- En este eBook, que es un recopilatorio de posts publicados en A un clic de las TIC por expertos en el área de eHealth, encontraréis proyectos de éxito en marcha en España, podréis conocer las enormes posibilidades de big data, asomarnos al hospital del futuro, descubrir el nuevo papel de las farmacias. También incluye aplicaciones prácticas de la realidad virtual o la impresión 3D en el entorno sanitario, la wHealth, los "ingestibles" o los juegos serios de salud...

### **The Little Data Book on Information and Communication Technology 2016**

World Bank

Washington: WORLD BANK GROUP : ITU, 2016

Libro electrónico

ISBN (electronic): 978-1-4648-0835-7

DOI: 10.1596/978-1-4648-0834-0

- It is intended as a quick reference for users of the World Development Indicators database, book, and mobile app. The database covers more than 1,200 indicators and spans more than 50 years. The 214 country tables present the latest available data for World Bank member countries and other economies with populations of more than 30,000. The 14 summary tables cover regional and income group aggregates

### **Trade in Counterfeit ICT Goods**

OECD = OCDE

Paris : OECD, 2017

ISBN 978-92-27084-8

- This study looks at the trade in counterfeit ICT goods, including the size of the trade, the main sources of fake goods, and the countries whose companies are most affected

### **Las ciudades del futuro: inteligentes, digitales y sostenibles**

Emilio Ontiveros, Diego Vizcaíno, Verónica López Sabater

Fundación Telefónica, Ariel

Fundación Telefónica, Ariel, 2016

ISBN: 978-84-08-17024-2

Depósito legal: B. 1.714-2017

- Esta obra realiza un análisis de los retos de futuro a los que se enfrentan las ciudades en todo el mundo, así como su transformación digital y la integración de infraestructuras y procesos "tradicionales", ya existentes en las ciudades, con los nuevos procesos "inteligentes" y "conectados", convirtiéndose de esta forma en ciudades inteligentes o smart cities. Para ilustrar este cambio con ejemplos reales, se incluyen numerosas iniciativas tecnológicas que ya se están utilizando para mejorar la planificación y gestión urbanas

## **INFORMES y ESTUDIOS**

### **Convergencia entre IT y OT : Resultados del estudio sobre el estado de la Tecnología de Operaciones y su convergencia con las Tecnologías de la Información**

Marcos Fernández ... [et al.]

Altran

Altran, 2017

- El informe "Convergencia entre IT y OT" expone los resultados del estudio sobre el estado de la Tecnología de Operaciones y su convergencia con la Tecnología de la Información. El documento ha sido realizado por el área de Business Consulting de Altran España. En el mismo se recogen los resultados de entrevistas a numerosos actores del sector de una manera exhaustiva y compleja acerca de esta necesidad

### **Behavioural Insights and Public Policy : Lessons from Around the World**

OECD = OCDE

Paris : OECD Publishing, 2017

- This report discusses the use and reach of behavioural insights, drawing on a comprehensive collection of over 100 applications across the world and policy sectors, including consumer protection, education, energy, environment, finance, health and safety, labour market policies, public service delivery, taxes and telecommunications. It suggests ways to ensure that this experimental approach can be successfully and sustainably used as a public policy tool

### **THE NEXT PRODUCTION REVOLUTION : MAKING THE DIGITAL TRANSFORMATION WORK FOR SPAIN : Report prepared for the OECD-Fundación Ramón Areces seminar**

Fundación Ramón Areces, OECD (2017. Madrid)

2017

- La progresiva implantación de cadenas de producción globales, la creciente importancia del capital productivo basado en el conocimiento y el desarrollo de



profundos cambios tecnológicos están generando la transformación digital en un gran número de actividades y conduciendo a una nueva revolución productiva. Todos los países, incluido España, necesitan aprovechar esta oportunidad para llevar a cabo un proceso de innovación que impulse el crecimiento económico y estimule la creación de empleo. Sin embargo, hacer posible la transformación digital y la próxima revolución productiva requiere resolver un número de retos.

### **Main recommendations**

International Telecommunication Union = ITU

ITU, 2017

- This report outlines the recommendations of the Focus Group and identifies key areas where intervention by regulators, DFS operators and policymakers are needed to create a conducive environment for digital financial services. The recommendations are grouped under the following main headings of each working group: Ecosystem, Interoperability, Technology, Innovation and Competition (TIC), Consumer Experience and Protection (CEP)

### **La directiva de accesibilidad de los sitios web y aplicaciones móviles del sector público : Impacto sobre los servicios electrónicos en España**

Elena Muñoz Salinero

Observatorio de Administración Electrónica = OBSAE

2017

### **Digital Health: A Call for Government Leadership and Cooperation between ICT and Health : February 2017**

Broadband Commission Working Group on Digital Health

ITU, UNESCO

- This report provides insights into the importance of government leadership, governance, and intragovernmental cooperation in digital health for government leaders and policy makers at the intersection of the health and ICT sectors. It draws on the experience of countries in a variety of geographic and resource settings and builds on existing digital health literature by shedding light on leadership approaches and on governance mechanisms for engaging health and ICT stakeholders

### **Digital equality? : Women in the digital revolution**

[Roland Berger, Journée de la Femme Digitale, NUMA]

ORGANISMO-PROMOTOR=

Roland Berger, 2017

- How do women seize the opportunities of digital? What do they hope to achieve through the digital revolution? This is what 'Digital equality? Women in the digital revolution' seeks to better understand

### **INFORME ANUAL DE SEGURIDAD NACIONAL : 2016**

[Este informe ha sido elaborado por el Departamento de Seguridad Nacional del Gabinete de la Presidencia del Gobierno]

España. Presidencia del Gobierno. Departamento de Seguridad Nacional

España. Presidencia del Gobierno y para las Administraciones Territoriales, 2017

## **Embracing the Digital Revolution : Policies for Building the Digital Economy** : february 2017

GSMA

GSM Association, cop 2017

OBSERVACIONES= The report examines the impact of digital technologies globally and calls on government to use progressive policies to drive their countries, societies and economies ahead

## **España - La transformación digital de los sectores del transporte y logística**

Fundación Orange

Fundación Orange, 2016

- Se analiza el proceso de transformación digital en estos ámbitos sobre la base de cuatro ejes estratégicos: Cloud, Mobile, Internet de las Cosas y Social, destacando en cada uno de ellos una serie de buenas prácticas y casos de éxito cuyo nexo común es la innovación

## **TOP 25 PROFESIONES DIGITALES 2017**

INESDI DIGITAL BUSINESS SCHOOL

5ª ed. : ESTUDIO INESDI, 2017

- Este estudio ofrece un análisis de las 25 profesiones digitales más demandadas por las compañías a día de hoy, detallando la misión de cada una de ellas dentro de la empresa, sus funciones, competencias y nivel salarial habitual para la posición. El principal objetivo es ayudar a las organizaciones a discernir las distintas profesiones digitales del momento e identificar el perfil digital idóneo

## **LOS MODELOS COLABORATIVOS Y BAJO DEMANDA EN PLATAFORMAS DIGITALES**

Este texto ha sido redactado por Sara Rodríguez Marín

Asociación Española de la Economía Digital = adigital

adigital, Sharing España

- Este estudio sobre los modelos colaborativos y bajo demanda en plataformas digitales pretende arrojar luz sobre este fenómeno que está cambiando nuestra forma de entender el consumo, la propiedad y las relaciones sociales

## **Estudio evolución y perspectivas de e-commerce para 2017**

[Gonzalo Ibañez, Elena Lostalé, Alejandro Casado]

Kanlli, DA retail

DATOS-EDICIÓN=

- El objetivo de la IV Edición del estudio anual "Evolución y Perspectivas de e-commerce es mostrar el estado del comercio electrónico en España a través de dos aspectos: el recorrido que ha tenido lo largo de 2016 y las perspectivas que los e-commerce españoles tienen para el 2017

## **10 retailer investments for an uncertain future**

pwc

pwc, 2017

- Retailers face one of the most competitive environments in decades. With the continuing shift in customer preferences towards online shopping, a lingering low-growth environment in many parts of the world, and an unforgiving global marketplace that demands unprecedented technological sophistication, many

retailers are left overstored, making lower margins and experiencing reduced profitability

### **Inversión Publicitaria en Medios Digitales : Resultados 2016**

iab spain, pwc

[iab spain, pwc, 2017]

- El presente Estudio tiene como principal objetivo proporcionar a la industria publicitaria digital un informe de tendencias de compra de medios y dar una cifra de inversión

## **INDICADORES**

### **Release of Main Science and Technology Indicators - Latest estimates of R&D investment in OECD and major economies**

Organisation for Economic Co-operation and Development = OCDE  
OCDE, 2017

### **Main Science and Technology Indicators, Volume 2016/2**

OECD = OCDE

OECD Publishing, 2017

ISSN 2304-277X

- This biannual publication provides a set of indicators that reflect the level and structure of the efforts undertaken by OECD member countries and seven non-member economies (Argentina, China, Romania, Russian Federation, Singapore, South Africa, Chinese Taipei) in the field of science and technology. These data include final or provisional results as well as forecasts established by government authorities. The indicators cover the resources devoted to research and development, patent families, technology balance of payments and international trade in R&D-intensive industries. Also presented are the underlying economic series used to calculate these indicators. Series are presented for a reference year and for the last six years for which data are available

## **Guías**

### **Modelo de política de gestión de documentos electrónicos para Entidades Locales (PGD-eL)**

Elaborado por: Grupo de Trabajo PGD-eL (Grupo de trabajo sobre la propuesta del Cuadro de clasificación del archivo municipal, el Índice de series documentales y Modelo de política de gestión documental municipal)

Ministerio de Hacienda y Administraciones Públicas. Secretaría General Técnica. Subdirección General de Información, Documentación y Publicaciones, 2016

NIPO: 630-16-002-0

- Este documento constituye una guía de aplicación de la Norma Técnica de Interoperabilidad de Política de gestión de documentos electrónicos (en adelante NTI), y como tal, su objetivo es servir como herramienta de apoyo para la aplicación e implementación de lo dispuesto en la NTI. Para ello, su contenido incluye tanto citas explícitas al texto de la NTI como explicaciones y contenidos complementarios a aquélla

## **Notas de prensa**

**[La CNMC publica los datos estadísticos de telecomunicaciones y audiovisual correspondientes al tercer trimestre de 2016](#)**

CNMC : Comisión Nacional de los Mercados y la Competencia, 2017