

41st World
Continuous
Auditing and
Reporting
Symposium



«European and local initiatives of smart cities»

E-invoicing & E-government in Public Administrations

Huelva, 10/11/2017

AGENDA

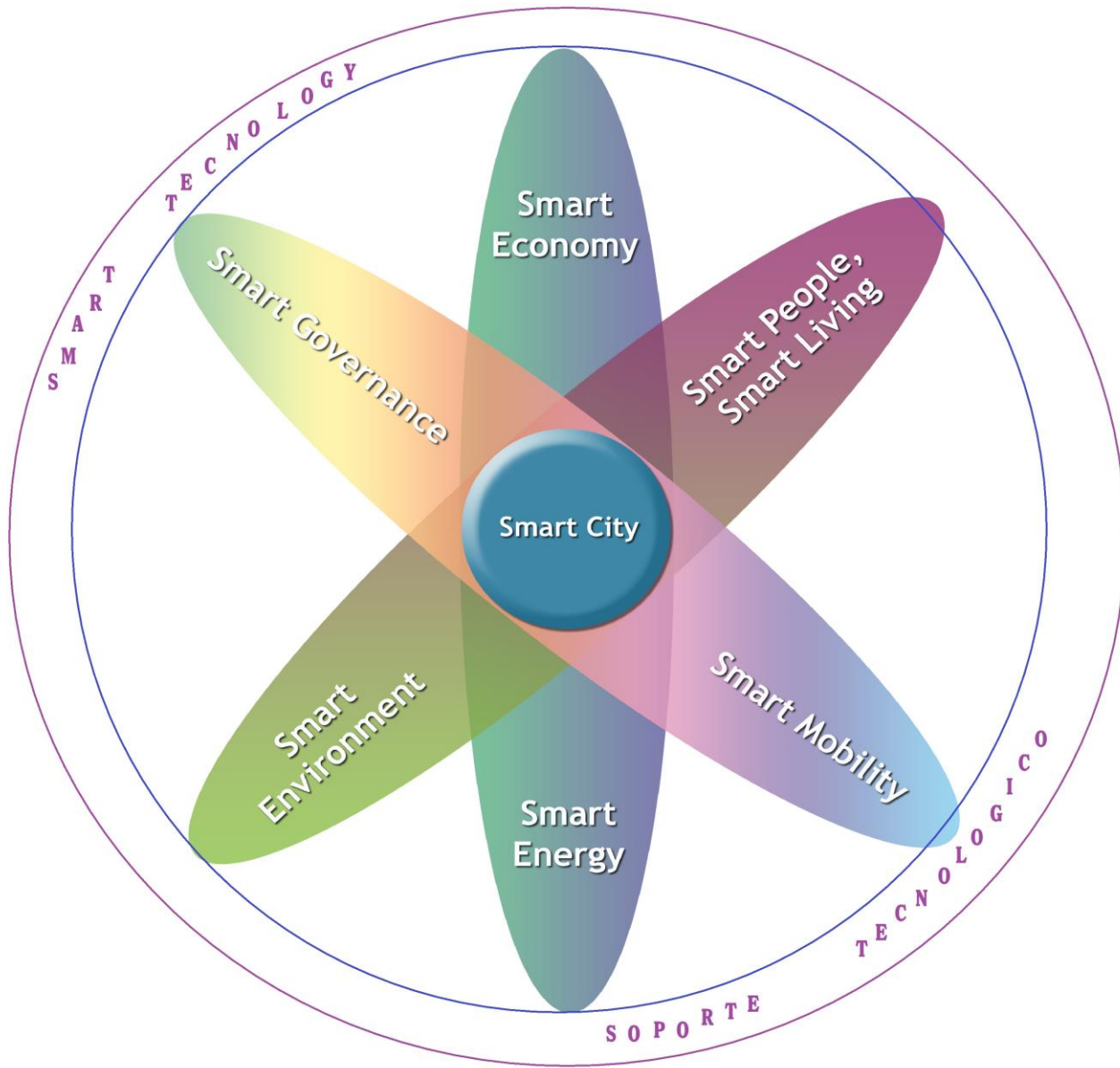
- What does “smart” mean?
- Broader context
- Local context



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A wireframe head of a person, possibly representing a digital or artificial intelligence concept, is centered in the upper half of the slide. The head is composed of a white grid of lines. The background is a gradient of blue and purple, with binary code (0s and 1s) visible on the right side.

«What does “Smart” mean?»



WHAT DOES SMART MEAN?

Improve the quality of citizens' life using ICT while saving in management costs.

- **Innovation to improve the economic and political efficiency.**
- **Development cultural, social and urban.**
- **The technology as the media (not as the goal)**
- **Strategic City Plan to coordinate all the actions.**
- **Smart Mayor (involved) and convinced regional authorities.**
- **Diverse areas**

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A wireframe head of a person, possibly representing a digital or artificial intelligence theme, set against a background of binary code (0s and 1s) in shades of blue and purple.

«Broader context»

EVERY CITY IS DIFFERENT, BUT THERE ARE
COMMON GOALS

EUROPE 2020 STRATEGY

(3 key priorities & 8 targets)

	Targets	Flagship initiatives
Smart growth	<ul style="list-style-type: none"> — Increasing combined public and private investment in R&D to 3 % of GDP — Reducing school drop-out rates to less than 10 % — Increasing the share of the population aged 30–34 having completed tertiary education to at least 40 % 	<ul style="list-style-type: none"> — Innovation Union — Youth on the move (ended in December 2014) — A digital agenda for Europe
Sustainable growth	<ul style="list-style-type: none"> — Reducing greenhouse gas emissions by at least 20 % compared to 1990 levels — Increasing the share of renewable energy in final energy consumption to 20 % — Moving towards a 20% increase in energy efficiency 	<ul style="list-style-type: none"> — Resource efficient Europe — An industrial policy for the globalisation era
Inclusive growth	<ul style="list-style-type: none"> — Increasing the employment rate of the population aged 20–64 to at least 75 % — Lifting at least 20 million people out of the risk of poverty and social exclusion 	<ul style="list-style-type: none"> — An agenda for new skills and jobs — European platform against poverty and social exclusion

Source: http://ec.europa.eu/eurostat/statistics-explained/index.php/Europe_2020_indicators_-_background

7 FLAGSHIP INITIATIVES

- 'Innovation Union',
- 'Youth on the move'
- **'Digital agenda for Europe'**,
- 'Resource efficient Europe'
- 'An industrial policy for the globalisation era',
- 'Agenda for new skills and jobs' and
- 'European platform against poverty and social exclusion'.

Digital Single Market

The Digital Single Market strategy aims to open up digital opportunities for people and business and enhance Europe's position as a world leader in the digital economy

Actions outlined in the strategy

Many actions outlined in the Digital Single Market Strategy are essential for the European internal market, industry, entrepreneurship and small and medium-sized enterprises (SMEs). The actions include:

+ Parcel delivery

+ E-commerce

+ European platforms

+ Collaborative economy

+ Geo-blocking

+ 'Big Data'

+ Standards and interoperability

+ Intellectual Property Rights Enforcement

+ E-government

Source: https://ec.europa.eu/growth/single-market/digital_en

Latest | [eInvoicing Standard Launch Event: Registrations Open](#)



CEF Building Blocks

Build your digital service faster and cheaper and create a European digital single market.

eDelivery

Supporting electronic registered delivery of data and documents.

eID

Extending the use of online services to citizens of other EU Member States.

eInvoicing

Helping public entities adopt the European standard on electronic invoicing.

eSignature

Creating and verifying electronic signatures.

eTranslation

Exchanging information across language barriers in the EU Member States.

About the building blocks

Learn more about the CEF building blocks.

Evaluating and improving existing laws

As part of its better regulation agenda, the Commission continuously evaluates whether EU laws have met the needs of citizens and business, at minimum cost. The REFIT programme in particular, as well as tools such as evaluations and fitness checks, help make existing EU laws simpler and less costly to apply.

Evaluating laws, policies and funding programmes

Planned evaluations

Reducing burdens and simplifying law

Refit – making EU law simpler and less costly

REFIT Platform

E-INVOICING


- [Directive 2014/55/EU on electronic invoicing in public procurement](#).
- The [e-Invoicing readiness checker](#) allows public entities to check how ready they are to exchange e-Invoices

The CEF eInvoicing building block serves to support public administrations in complying with the aforementioned eInvoicing Directive, and helps solution providers adapt their services accordingly. To do so, CEF eInvoicing makes the following services available:

- eInvoicing Service Desk
- eInvoicing on-site and remote Trainings
- eInvoicing Readiness Checker
- eInvoicing Conformance Testing

ADVANTAGES

Paper invoice	Electronic invoice
Costs if you are a seller ~ 14,8 €	1,80 €
Costs if you are a buyer ~ 6,6 €	0,80 €



~ 40-90% reduction in costs
~ 65% reduction in time

OBSTACLES

- wide range of formats and according to many different standards
- variation in national rules which govern the validity and acceptability of e-invoices in legal, financial and administrative terms
- security of e-invoicing systems and the potential for misrepresentation in fraud



European Committee for Standardization (CEN)

E-invoicing closer to be a reality in all member states

- A reference to the European standard on E-invoicing [Official Journal of the European Union](#). (key step towards the digitalisation of public procurement in Europe).
- Supported by European legislation, acceptance of eInvoices by governments will make it easier to do business with the public sector.
- **Launch event on 23 October 2017.** E-Invoicing B2G as it kicks-off the implementation stage
- More information on the **2017 CEF Telecom eInvoicing call** (open until 28 November) [here](#)
- More information about the **CEF eInvoicing Building Block** [here](#)

EU FUNDING FOR E-INVOICING SOLUTIONS

- [Connecting Europe Facility](#) (CEF), EU funding is available to support e-invoicing activities. Every year, call for grants are launched to select projects which can use EU money to set-up, upgrade and deploy e-invoicing solutions.
 - [The European Multi-Stakeholder Forum on Electronic Invoicing](#) (EMSFEI) brings together stakeholders from national e-invoicing forums and from the user side of the market.
 - H2020
-
- [Guidance paper for EU public administrations](#) (440 KB)
 - [Background document - eInvoicing and standardisation](#) (2 MB)

COLLABORATIVE SPACE FOR E-INVOICING

elInvoicing user community

The elInvoicing User Community space enables all stakeholders involved and interested in cross-border elInvoicing (e.g. industry associations, public sector bodies, solution providers and EC bodies) to discuss elInvoicing in the EU public and private sectors. Everyone is invited to read and comment on existing topics.

User community >

EMSFEI

This space is restricted to members of the European Multi-Stakeholder Forum on e-invoicing (EMSFEI). It allows its members to exchange best practices on cross-border elInvoicing and access meeting minutes.

If you are a nominated member of the EMSFEI, you can [request access](#) via the CEF elInvoicing Service Desk

EMSFEI (restricted) >

<https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Join+the+community>

ISA²

Interoperability solutions for public administrations, businesses and citizens

ISA² – IT solutions for less bureaucracy

You click, we link.

- from **1 January 2016** until **31 December 2020**
 - the ISA unit ensures coordination with other relevant Commission services (i.e. DG DIGIT, DG CNECT, DG GROW ...) and related initiatives, such as:
 - the context of the **Digital Single Market Strategy**, notably the Priority ICT Standards Plan, and the EU Catalogue of ICT standards
 - the **European eGovernment Action Plan 2016-2020**
 - the **CEF-Digital** (the 'Connecting Europe Facility')
 - the **IT Governance of the European Commission**
 - similar interoperability-specific or policy-specific initiatives at EU level
 - Solutions developed by **ISA²** and under its predecessor **ISA**
- are generally available for **free** and can be found [here](#).

E.G. TOOLS OFFERED BY ISA2

by package

- Any -

by keyword

eProcurement & eIr

Is this solution open source ?

- Any -



European Single Procurement Document (ESPD)

A single tool facilitating participation in public procurement across the EU

When is this solution for you?

You are a public administration body engaging in public procurement.

You are a company participating in a tender.

[Read more](#)



Open e-Prior

An e-Procurement system for Public Administrations

When is this solution for you?

You are a European administration intending to **switch to eInvoicing or eProcurement**, or a system integrator working on an eProcurement approach for a European administration.

[Read more](#)



e-Certis

A tool for mapping certificates necessary in public procurement

When is this solution for you?

You want to participate in a tender across borders and you need to know what type of documents you may have to submit.

You are a public buyer that has to evaluate bids received from various EU countries.

You are an ICT service provider that offers an e-procurement solution.

CONNECTING EUROPE SUCCESS STORIES

- [Business Register Interconnection System](#) provides a single point of access via the European e-Justice Portal
- [eIDAS 2018 Municipalities Project](#) the challenge of cross-border recognition of nationally issued eIDs, enabling Europeans to access online public services across Europe seamlessly.
- [Public Open Data](#) Open Data encourages the reuse and analysis of existing data to create new products and services
- [Connecting Europe's Online Dispute Resolution](#) service ensures that both sides are satisfied with these transactions, and they have somewhere to turn when things don't go according to plan.
- [European e-Justice Portal](#) Over 10 million citizens are involved in cross-border judicial procedures each year.

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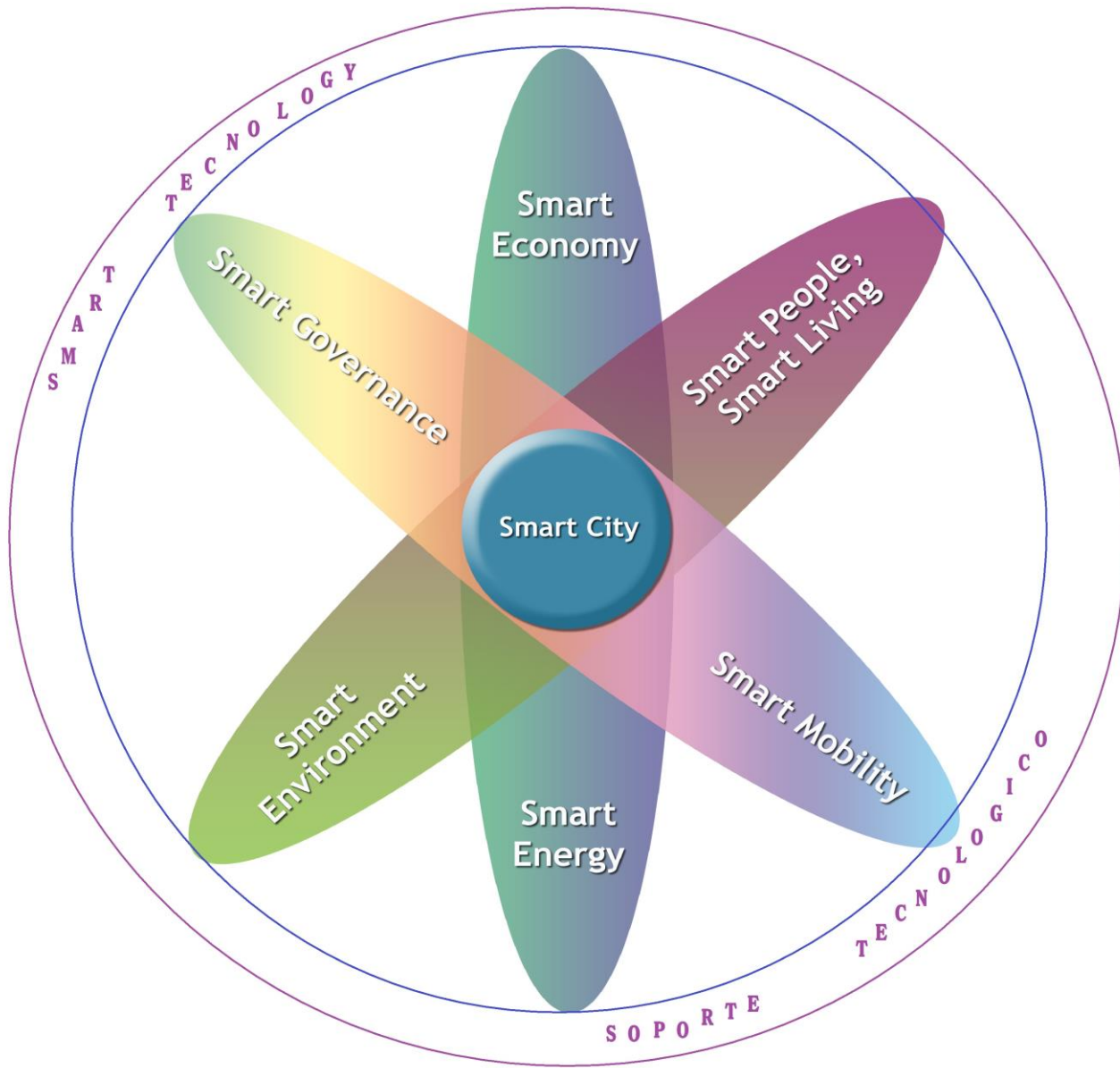
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«Local context»

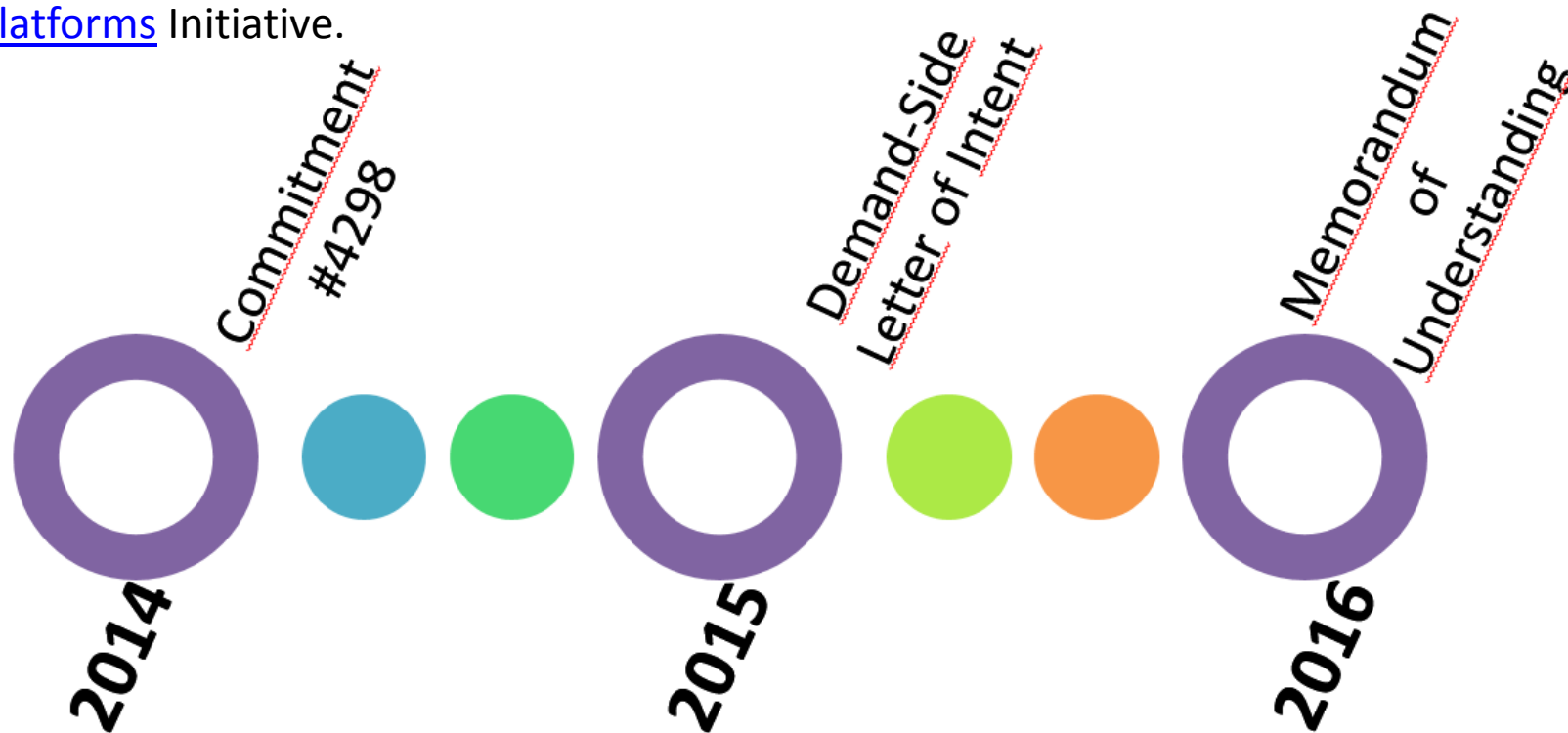
MALAGA

E-INVOICING IN SPAIN

Responsible	Ministry of Finance and Public Administration via: Directorate of information technology and communications (DTIC) & General State Comptroller (IGAE) Ministry of Industry, Energy and Tourism via: Secretary of State of Telecommunications and Information Society
Legislation	Law 25/2013 establishing the obligation of the electronic invoicing and the creation of the entry registration point (2013) B2G eInvoicing is mandatory in Spain since 2015
Mandatory for	Submitting: Public administration suppliers (invoices higher than EUR 5 000) Receiving and processing: Central authorities, Regional authorities & Local authorities
Standard(s)	Facturae (used in association with an eSignature following the XAdES standard) FACe (from 1 January 2015)



Integrated Infrastructures & Processes
Urban Platforms Initiative.



FACe Malaga

The screenshot displays the official website of the Ayuntamiento de Málaga. At the top, the city's logo and name are visible, along with a navigation bar containing links such as 'Contacta', 'El Ayuntamiento', 'La ciudad', 'Málaga24h', 'Turismo', 'Negocios/Business', and 'Participa'. The main header area includes a welcome message 'Bienvenido a la web de Málaga 24h' and social media icons for Facebook, Twitter, YouTube, RSS, and a general plus icon. A sidebar on the left lists various services: Inicio, Guía de Servicios, Trámites y Servicios, Agenda, Carpeta Ciudadana, Hechos de vida, Perfiles, Ventanilla Única Municipal, Cita Previa, Comunicate, Contratantes y proveedores, Equipamientos, Subvenciones, Oferta de Empleo Público, Tablón de Anuncios, and Observatorio de Atención Ciudadana. The main content area features a 'CONTRATANTES Y PROVEEDORES' section with a group photo of staff. Below this, there are two prominent boxes: 'Perfil del Contratante' which provides information on finding contracts and accessing documents, and 'Portal del Proveedor' which details the electronic invoicing process. A large banner at the bottom promotes 'FACTURA ELECTRÓNICA' with a URL and an image of a laptop.

Ayuntamiento de Málaga

Contacta El Ayuntamiento La ciudad Málaga24h Turismo Negocios/Business Participa

Bienvenido a la web de **Málaga 24h**

Síguenos en:

Inicio | > Contratantes y proveedores

ESCUCHAR

CONTRATANTES Y PROVEEDORES

Perfil del Contratante

Contrataciones, licitaciones, adjudicaciones, pliegos, etc.

Aquí puede encontrar las contrataciones, los anuncios de licitación, los anuncios de adjudicación y de formalización así como acceder a los pliegos y otra documentación complementaria de los expedientes de contratación de todos los órganos del Ayuntamiento de Málaga.

Portal del Proveedor

Estado de la tramitación, datos personales, etc.

A través de este Portal podrá conocer el estado de tramitación de las facturas, presentadas en este Ayuntamiento, conocer o modificar sus datos personales o los de su empresa que consten en la base de datos de Contabilidad del ayuntamiento de Málaga y recibir información de su interés a través de su dirección de correo electrónico.

FACTURA ELECTRÓNICA

<http://ayuntamientodemalaga.face.gob.es/#/es>
Instrucción Factura Electrónica del Ayuntamiento de Málaga



Transparencia

Publicidad Activa

Información institucional y organizativa

Información sobre altos cargos

Planificación y evaluación

Información de relevancia jurídica

Procedimientos, cartas de servicio y participación ciudadana

Contratos, convenios y subvenciones

Información económica, financiera y presupuestaria

Derecho a la información

Evaluaciones Externas

Normativa aplicable

Otra información de transparencia

| Transparencia | Publicidad Activa

Escuchar

PUBLICIDAD ACTIVA

Con vocación de transparencia y mejora constante, el Ayuntamiento de Málaga está trabajando para completar la publicación de todos los contenidos de transparencia establecidos, esto supondrá un paso más para convertir esta administración pública en un ente transparente, innovador y al servicio de los ciudadanos. La información es un derecho fundamental para el buen funcionamiento de la democracia.

Siguiendo la [Ley 19/2013, de diciembre, de transparencia, acceso a la información pública y buen gobierno](#) y la [Ley 1/2014, de 24 de junio, de Transparencia Pública de Andalucía](#), el Ayuntamiento de Málaga ofrece de forma accesible y estructurada toda aquella información relacionada con la gestión de la actividad municipal y la utilización de recursos públicos.

La información de transparencia queda estructura en los siguientes apartados:



Información institucional y organizativa



Información sobre altos cargos



Planificación y evaluación



Información de relevancia jurídica



Procedimientos, cartas de servicio y participación ciudadana



Contratos, convenios y subvenciones



Información económica, financiera y presupuestaria



Licitaciones

Últimas licitaciones publicadas



Buscar Licitaciones

Buscar licitaciones publicadas



Perfil contratante

Perfiles de contratante en la plataforma



Empresas

Acceso para empresas



Organismos públicos

Acceso para usuarios de Organismos Públicos

Bienvenido a la Plataforma de Contratación del Sector Público

La Plataforma de Contratación del Sector Público permite consultar las licitaciones publicadas en los [Perfiles del contratante](#) alojados en la misma. Puede consultar estas licitaciones en el área [Licitaciones](#)

También se pueden consultar en esta Plataforma las licitaciones publicadas en perfiles de contratante publicados en las siguientes plataformas de contratación de otras administraciones (Plataforma de Contratación de la Generalitat de Cataluña, Plataforma de Contratación del Gobierno Vasco, Plataforma de Contratación del Principado de Asturias, Plataforma de Contratación del Gobierno de La Rioja, Plataforma de Contratación del Gobierno de Canarias, Plataforma de Contratación de Castilla y León, Plataforma de Contratación de la Comunidad Autónoma de las Illes Balears, la Plataforma de Contratación de la Comunidad de Madrid, la Plataforma de Contratos Públicos de Galicia y la Plataforma de Contratación Pública de Ceuta, así como de la Diputación Provincial de Valladolid, el Ayuntamiento de Zaragoza, el Ayuntamiento de Madrid, el Ayuntamiento de Alcobendas, el Ayuntamiento de Bilbao, el Ayuntamiento de Logroño y el Ayuntamiento de Vigo)

Además, las empresas pueden [registrarse](#) y acceder nuestros [servicios gratuitos y personalizados](#) a través del área [Empresas](#)

La plataforma pone a disposición de los [Organismos Públicos](#) multitud de servicios que les facilitan realizar la contratación de forma electrónica.

Los usuarios de los órganos de contratación del Sector Público pueden acceder a estos [servicios](#) a través del área [Organismos Públicos](#)

ARENCY

Información

Composición, forma de designación y convocatorias de las mesas de contratación del Ayuntamiento

Convocatorias y actas de mesas de contratación del Ayuntamiento

Contratos formalizados Ayuntamiento

Subvenciones, Becas, Ayudas y Premios

Juntas de Distrito

Tablón de Edictos

Oferta de Empleo Público

Imagen corporativa

Documentos de interés

Atendiendo a este hecho, como decíamos, el acceso a los datos de contratación tendrán dos vertientes en la consulta de dichos datos, por una parte las Contrataciones habidas antes de la puesta marcha de la Plataforma y las habidas después de la misma.

Como quiera que la incorporación de cada uno de los organismos que constituyen este Ayuntamiento se hará de manera gradual, en la nueva plataforma se irán mostrando los mismo conforme se vayan adheriendo y se dará la circunstancia de que podrá haber contrataciones en las dos plataformas hasta que vaya extinguiendo el anterior Perfil del Contratante.

Para información de acerca de la plataforma anterior solo tiene que seguir en esta página y acceder al Organismo que desee según el listado adjunto.

La Plataforma es un servicio on-line que funciona en la modalidad de disponibilidad 24x7 (24horas al día, los 7 días de la semana) por lo que su contenido es accesible en todomomento.

Para acceder a la Plataforma de Contratación del Estado, deberá introducir en su navegadorla siguiente dirección:

[HTTP://CONTRATACIONDELESTADO.ES](http://contrataciondelestado.es)

✚ AYUNTAMIENTO

✚ CENTRO MUNICIPAL DE INFORMÁTICA

✚ EMPRESA DE LIMPIEZA MUNICIPALES Y PARQUE DEL OESTE, S.A.M. (LIMPOSAM)

EXTERNAL EVALUATIONS



TOWN COUNCILS 2017
GLOBAL ASSESSMENT
(GENERAL MEAN: 89.7)

Huelva	100.00
Malaga	89.40



2017
Questionnaire based on
52 indexes

Huelva	75,00%
Malaga	65,38%



2017
DAM (Dyntra Ayuntamientos y
Municipios)

Huelva	82,35%
126	out of 153 indexes

Malaga	86,27%
132	out of 153 indexes



OPEN⁴ Business Malaga

A Smart Mediterranean City

A CITY OF KNOWLEDGE



Smart City Projects

University of Malaga

Spanish Language & Bilingual Institutes

- Urban Mobility Plan
- Electronic Government Services
- Micro Energy Generation (Solar panel & wind turbines)
- Waste Management systems & biogas energy generators
- Efficient Buildings
- Open Data
- Internet of Things (connected city sensors)
- Big Data Analytics
- Urban Lab for SMEs & Entrepreneurs
- New Technology Demonstration Centre
- 10 000 Smart Electric Grid Users
- 25 Public "Apps" (<http://moviles.malaga.eu>)
- Parking Availability, Bus Schedules, City Events, Tourist Guides, Incident Management, Beach conditions



Apps M

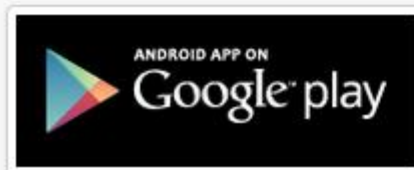
Yo gestiono mi agua
Zonas de musculación
Parques Empresariales
Málaga Funciona
Málaga Ciudad Genial
Empleo Málaga
Playas de Málaga
EMT Málaga
Aparcamientos Málaga
SMASA
Semana Santa en Málaga
iCofrade

Las incidencias se reportan de forma automática al Ayuntamiento.

Registrándote en la aplicación obtendrás más ventajas como por ejemplo ver el estado actual de tus incidencias.

Disponible en español, catalán, inglés y portugués

- **Open Data (797 resources in 700 datasets).**
- **E-Government. (Citizens folder in Malaga 24h).**
- **Malaga Funciona (35.000 incidents managed).**
- **Malaga Contesta (platform of citizens participation)**



OPEN DATA

Open Data

- Organization by datasets, organisms and topics.
- 3rd biggest open data portal in datos.gob.es.
- Federation modules shared in Github

(<https://github.com/damalaga/>)



<http://datosabiertos.malaga.eu/>



Ayuntamiento
de Málaga

Iniciar Sesión



Select Language | ▼

Búsqueda



PORTAL DATOS ABIERTOS
AYUNTAMIENTO DE MÁLAGA



41st World Continuous Auditing and Reporting Symposium



Thank you for your attention!



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