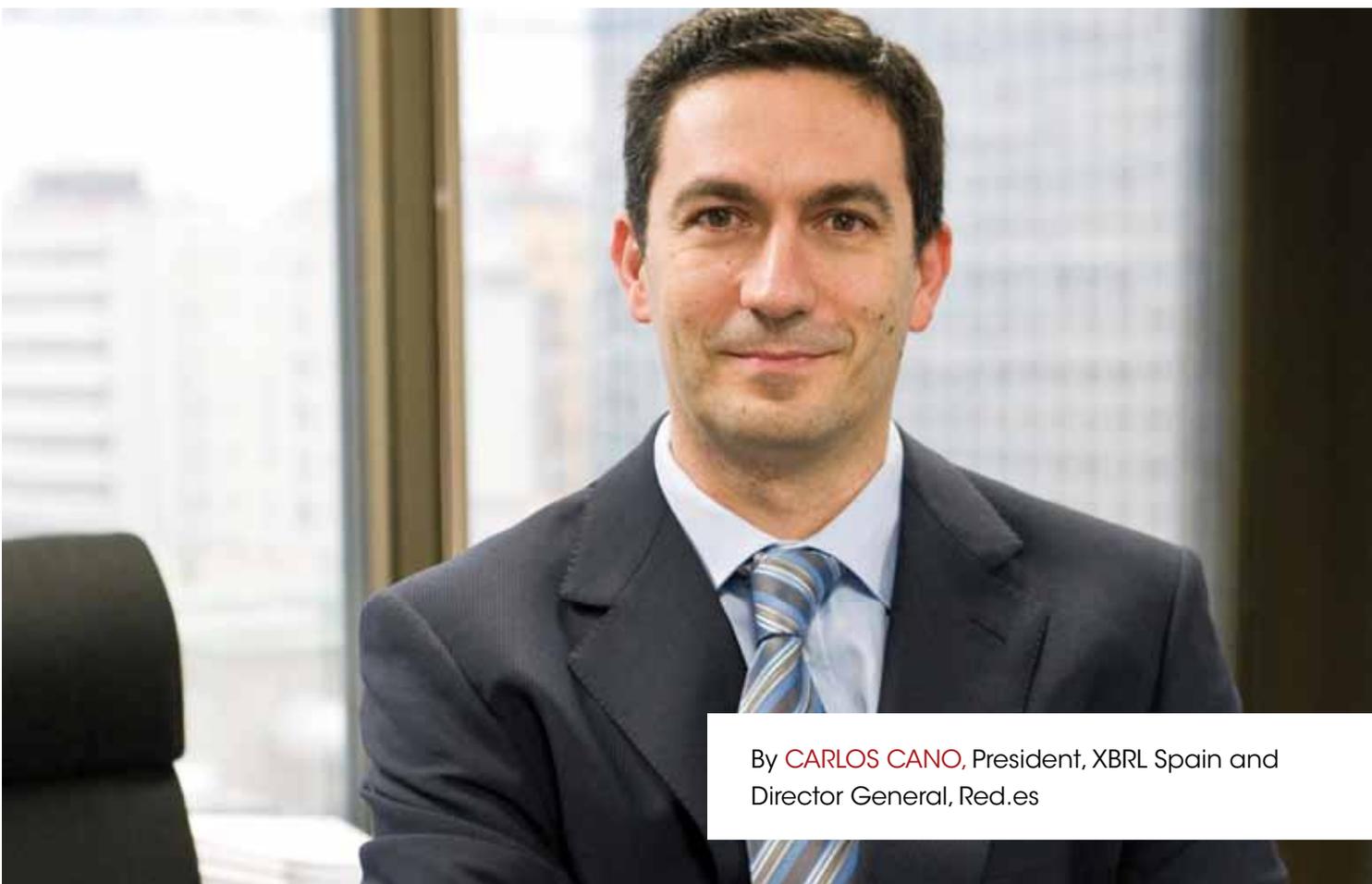


# XBRL PROJECTS IN SPAIN



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CARLOS CANO OF XBRL SPAIN AND RED.ES TALKS ABOUT THE WORK OF XBRL SPAIN, INCLUDING XBRL OPEN SOURCE TOOLS AND APIS.

In the last few years XBRL has become a reality in Spain. Since 2004, the year the national jurisdiction was established, more than thirty known taxonomies have been created, and right now are being used by supervisors, and around 2.000.000 XBRL instances are available on the web. From the very beginning, the commitment of national supervisors such as the Spanish Securities Commission, the Bank of Spain or the Registrars Association of Spain, as well as private entities has enabled the creation of one of the largest collections of financial information in XBRL in Europe.

On the financial front, the Bank of Spain, which is one of the founding members of the jurisdiction and also one of the biggest supporters of this format, receives periodically as a regulator from the credit entities their public and confidential financial statements, individual and consolidated ones. That includes European reporting frameworks, such as the Basel II solvency framework (COREP), Financial Reporting (FINREP) or ECB Statistics. Additionally, the Bank of Spain receives accounting information on a voluntary basis, that Spanish companies send to its Central Balance Sheet Data Office. Other entities that report

information in XBRL to the Bank of Spain are the currency exchange facilities, the mutual guarantee companies and the appraisal companies.

The Spanish Securities Commission (CNMV), as a pioneer in XBRL technology, was the first public institution that massively received and published information in XBRL format. In July 2005, CNMV made mandatory the reporting in XBRL for listed companies. Since 2008, CNMV receives reports in XBRL format from the mutual fund managers, and, since 2009, from the securitization fund management companies.

In the government area, the Ministry of Economy, through the National Accounting and Auditing Institute, has developed two XBRL taxonomies. The most used and extended one is PGC2007 (Spanish GAAP 2007). It is the basis for all the annual financial statements that all the Spanish Companies are mandated to deposit to the Business Register. NOFCAC2010 (Spanish GAAP 2007) is used by those companies required to report their annual financial statements to the Business Register according to the Preparation of Consolidated Financial Statements. The Business Register has established as compulsory the submission of all digital annual financial statements in XBRL format, resulting in more than 700,000 annual accounts per year since 2008, all of which are available to the public on the web.

Also in the government area, the Ministry of Economy and Finance through the Financial Coordination for Municipalities and Local Governments receives, since 2007, XBRL reports with data from the budget implementation for municipalities and local authorities (LENLOC), as well as, since 2009, the preparation of these budgets (PENLOC). Also in the Ministry of Economy and Finance, the General State Comptroller promotes the use of two XBRL taxonomies, CONTALOC (to report the annual financial statements of municipalities, local/regional

governments and their affiliated organizations to the External Control Organizations) and CONTAEP (to report the annual accounts and other information to the Spanish Court of Audit). The Ministry of Economy and Finance also requires the annual financial statements in XBRL format through the Directory of Contractors with the Government.

There are other XBRL initiatives, like the electronic reporting of General Data Identification (GDI) from Economic Agents (entities and individuals), which is sponsored by the Association of Registrars, or the reporting information on Corporate Social Responsibility, sponsored by the Spanish Association of Accounting and Business Administration.

Regarding the number of regulatory filings, the use of XBRL is very broad. The main reason for this is that around 74% of Spanish companies use XBRL to report their annual financial statements to the Business Register. Nevertheless, just a few companies use XBRL for internal reporting; companies that do

it are basically business information companies. On the other hand, government entities consume XBRL widely: Bank of Spain, Spanish Securities Commission, Business Register and Ministry of Economy and Finance integrate XBRL into their regulation and supervision processes.

Considering all the actions already taken and the initiatives currently under development, it is evident that XBRL will play an important role in the technological revolution that will influence the future accounting and financial environments, both in the scope of government and private entities, regardless of their size.

#### **XBRL OPEN SOURCE TOOLS**

The XBRL Spain Association is promoting the adoption of free and open source XBRL tools, which facilitate the use and learning of XBRL by small software vendors, entrepreneurs, academics and the public.

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### Excel Viewer for XBRL annual financial statements (PGC2007 Taxonomy)

This tool, developed in Microsoft VBA (Visual Basic for Applications), is able to visualize XBRL instance documents of the Spanish GAAP taxonomy with a simple Excel interface. It also includes two additional sheets called "Indicators" and "Evolution" that perform a basic analysis of the company based on the annual financial statements data.

### Excel XBRL instance document generator

This generic tool, developed also in Microsoft VBA, is able to generate an XBRL instance document from any XBRL taxonomy in an easy and intuitive way, just by customizing some parameters (a kind of taxonomy "distillation") and introducing data in the document using "code value" methodology.

### Spanish translation and user manual for Arelle open source XBRL platform.

One of the most used tools by the XBRL community is the Arelle open source XBRL platform (Apache License, version 2.0), developed in Python, and led by one of the most important XBRL gurus, Mr. Herm Fischer. XBRL Spain Association acknowledges this outstanding and useful work developing the Spanish translation for the platform and the Spanish user manual.

### XBRL PROJECTS: APIS AND OPEN SOURCE COMMUNITY

The Ministry of Industry, Tourism and Trade, through the public Agency Red.es (read *net.es*, the agency promoting the Information Society), instructed the Public Spanish Foundation for Open Source CENATIC to carry out actions about the design, development, implementation and dissemination of a community to promote the development and use of application programming interfaces (APIs) for the treatment of XBRL instance documents for the taxonomies PGC2007 (Business Register based on Spanish GAAP), and PENLOC/LENLOC (Municipalities and local/regional governments).

The APIs, their updates and the functional support to software vendors and enterprise users, which benefit those who have implemented the API in their own accounting systems, were originally provided by the Public Centre of Excellence "National



Institute of Communication Technologies (INTECO)", affiliated to Red.es. INTECO has developed all PGC2007 versions and will also develop their adaptation to the new version of the taxonomy PGC2007 March v1.4.1 2011.

Through this project, CENATIC will contribute to enhance effectively the value of a collaborative and sustainable ecosystem (community development) consisting of users, companies, developers and other interested entities as well as support for these APIs. The actions to be executed by CENATIC will include the necessary ones for the Open Source release in a Forge of the XBRL APIs developed by INTECO, and the creation and maintenance of the community, with government fundraising from January 1, 2012 through December 31, 2012.

The direct beneficiaries of the actions will be:

- SMEs: they will have a community that will provide professional support to integrating the APIs, saving costs. They will be able to identify projects about evolutionary improvement and integration of the APIs being also able to send them back to the community for reutilization.
- Open Data approach is facilitated, by helping enterprises, entrepreneurs and IT companies in implementing the API's into their respective solutions and portfolios, generating added value in the supply chain and promoting infomediaries that can provide new solutions and services to their customers. **IBR**