



HORIZON DASHBOARD



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Horizon Dashboard - H2020, FP7 Projects Results: Reported IPRs and Scientific Publications

New release of Horizon Dashboard views on research results now offers information on intellectual property rights (IPRs) and scientific publications reported to the European Commission within FP7 - Seventh Framework Programme (2007-2013) and Horizon 2020 Research Framework Programmes (2014-2020)¹. This is a first attempt to present consolidated figures on around 6,000 IPR applications and around 300,000 scientific publications reported by projects funded through EU Research Framework Programmes.

The related Horizon Dashboard views consists of two interlinked sections:

1. Intellectual Property Rights (IPRs)

This view provides information on applications for *patents, trademarks, registered designs, utility model* related to the outputs of the project, from the beginning until after the end of the project. It provides information on all IPRs linked to the project implementation, including direct results of research projects (foreground) and contributions to the projects' work (background). It is also important to note that in this release IPRs and specifically patents are presented in a form of a patent application record and not as a patent family. The purpose of this section is to track reported IPRs and link them to the EU funded research programmes. IPR data collection and reporting is consistent with the guidance provided by the European [IPR Helpdesk](#).

This information is presented in a way that for each IPR application at least one unique identifier is specified (e.g. European Patent application reference). IPR can have several IP organisations (applicants) for multiple applications to different offices covering the same IP (e.g. the same invention). In these cases multiple application offices are indicated.

This release of consolidated list of reported IPRs for the first time includes information emanating from FP7 project reporting of the European Research Council and ICT component.

¹ [FP7](#) is the short name for the Seventh Framework Programme for Research and Technological Development. This was the EU's main instrument for funding research in Europe, which run in the years 2007-2013. [Horizon 2020](#) is the biggest EU Research and Innovation programme ever with nearly €80 billion of funding available over 7 years (2014 - 2020)

The FP7 ICT inventory includes data on almost 300 patents and around 18 thousand publications resulting from FP7 funded projects in the field of ICT (ICT theme within Cooperation Programme and infrastructures within Capacities Programme). The period covered is 2007 - 2013. Patents and publications have been reported by project coordinators responding to annual surveys carried out by the European Commission - DG CONNECT.

More information: [ICT research projects under the EU's Seventh Framework Programme \(FP7\)](#)

2. Scientific Publications

This view distinguishes and collects the information about the following scientific publications types: *Article (non-Peer Reviewed)*; *Peer Reviewed Article*; *Conference Proceeding*; *Book Chapter*; *Monographic Book*; *Thesis Dissertation*; *Other*.

The information on publications is collected in one of the following three ways:

- **By linking to the OpenAIRE publication repository**

For publications accessible via OpenAIRE, references to these publications (with link to the project) are displayed automatically in the reporting section of the Funding & Tenders Portal for the project. OpenAIRE is a service which links and federates existing scientific publication repositories.

- **By using Digital Object Identifier (DOI), provided by project coordinator**

DOI is used for publications that are not registered via OpenAIRE. DOI is a permanent identifier providing a persistent link to the published version full text of publication or abstract (if article is pay per view) or to the final manuscript accepted for publication (link to article in repository).

- **By providing the publication details manually**

Data is entered manually by project coordinator if neither the link to the OpenAIRE nor DOI is available. The method is used to the large extent in the beginning of FP7 programme.

Specific focus is put on the Peer-Reviewed publications, which refer to the publications that have been evaluated by peers, i.e. other scholars. The dominant type of peer-reviewed scientific publication is the journal article, for which open access is mandatory.

Classification of the peer reviewed publications is done according to the Impact of the Peer Reviewed Journal. Horizon Dashboard uses specifically the SCImago Journal Rank ([SJR indicator](#)) as a measure of scientific influence of scholarly journals that account for the number of citations and the importance or prestige of the journals where citations were found.

Data quality

Consistency and reliability of the data presented in the report depend to a large extent on the quality of the information registered within periodic reporting by research project coordinators. This release of this Horizon Dashboard view covered checks and a massive data correction exercise. The data quality checks included (IPRs): IPR publication offices, patent reference numbers. The data quality checks for Scientific Publications dataset included resolving of missing DOIs, ISSN or eISSN numbers,

The Data Quality exercise is of a continuous nature and any remaining issues are followed up and improved over time.