

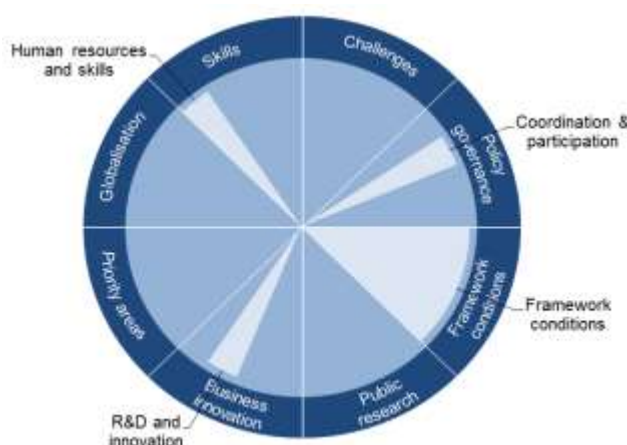
ITALY

Italy has continued the structural reforms and fiscal consolidation undertaken since 2011 to put the economy on a sustainable growth path based on sound macroeconomic fundamentals. Labour productivity has stagnated in Italy since 2005. The economic recovery will depend notably on the effectiveness of public initiatives to stimulate productivity and private demand and to facilitate the availability of bank credit. The government's decree law *Sblocca Italia* (September 2014) introduced a series of provisions aimed at supporting the national productive sector and boosting competitiveness. The major actions funded through the decree law include: 1) strategic infrastructures, railway and highway networks; 2) new social security benefits/provisions; 3) the internationalisation of enterprises; 4) interventions against hydrogeological instability and for enhancing water infrastructures; 5) a more efficient exploitation of national oil and gas resources; 6) the renovation of buildings; and 7) energy recovery from waste. Top STI policy priorities also include an increase in public investment, the relaunch of the industrial system, reducing unemployment, and reform of education and research.

Table 1. Gross domestic expenditure on R&D (GERD)

	ITA	OECD
GERD		
USD million PPP, 2014	27 744	1 181 495
As a % of total OECD, 2014	2.4	100
GERD intensity and growth		
As a % of GDP, 2014	1.29	2.38
(annual growth rate, 2009-14)	(-1.8)	(+2.3)
GERD publicly financed		
As a % of GDP, 2013	0.56	0.61
(annual growth rate, 2008-13)	(+1.5)	(+2.5)

Figure 1. Major STI policy priorities, 2016





Hot issues

Improving co-ordination and participatory governance

Governance of research and innovation (R&I) policy in Italy is the responsibility of the Ministry for Education, University and Research (MIUR), together with the Ministry for Economic Development (MISE) and the Agency for Digital Italy, under the Presidency of the Council of Ministers. However, within the framework of the concurrency principle, the regions can intervene in STI governance and develop their own initiatives. National Technological Clusters have been established as platforms of soft governance aimed at achieving public-public coordination (state, regions and local administrations) and public-private objectives. They are in charge of redefining research strategies and technology roadmaps shared on a national level. The MIUR issued a provision to assign USD 359 million PPP (EUR 266 million) to 30 projects for the development and enhancement of eight National Technological Clusters. The objective is to build large aggregates of competences on a national scale that are consistent with the priorities of EU's framework programme Horizon 2020. To achieve this objective, a permanent coordination table has been established in 2015 comprising all clusters and the MIUR and MISE. To align the national R&I priorities with Horizon 2020, the document *Horizon 2020 Italy* (HIT2020) was published in March 2013. The document is addressed to all Italian R&I stakeholders and provides guidelines on the national assets to be exploited, the priority research areas for investment and the strategic partnerships needed to promote international cooperation on R&I. Finally, a major reform of Italy's public administration was approved in 2014, eliminating delays in procedures between government agencies so as to make public procurement more efficient. As part of this reform, MIUR was reorganised to improve institutional capacity.

Improving framework conditions for innovation (e.g. competitiveness)

In the framework of the European Digital Agenda, Italy has developed a national strategy for fostering its digital culture and economy. The aforementioned Agency for Digital Italy (*Agenzia per l'Italia Digitale*) was established in March 2012, and the Council of Ministers launched the Digital Growth Strategy (*Strategia per la crescita digitale 2014-20*) to make ultra-broadband subscriptions more attractive. Particular emphasis has been placed on the next Italia Log In platform. This tool will group all public administration services for citizens and enterprises in a "one-stop shop", and will be open for contributions from all the public administration agencies.

Supporting R&D and innovation in firms

While business enterprise R&D expenditure (BERD) as a share of GDP is quite low, innovation outputs in terms of international patenting and trademark registration are only slightly below the OECD medians (figure 5^{f,g}). The Italian business sector accounts for barely over half of GERD, a low share for an industrialised economy. A set of innovative firms coexists with a large majority of small and micro enterprises with low productivity. The Italian government has deployed a broad range of financial tools to support business R&D and innovation. Although the same policy emphasis is placed on every type of policy instrument (figure 6), priority has recently been given to reforming the tax portfolio. The 2015 Stability Law (L190/2014) introduced a 25% tax credit, granted on incremental investments in R&I incurred by enterprises during the period 2015-19. The tax credit is increased to 50% if new investments are related to hiring highly qualified personnel. As part of the same Stability Law, the government has granted a total of USD 4.7 billion PPP (EUR 3.5 billion) in fiscal incentives to private employers who permanently hire new personnel. The Stability Law also reduces the regional tax on productive activities. Similarly, the Patent Box (Ministerial Decree of 30 July 2015) provides incentives through an optional system of taxation for income derived from the use of intellectual property, industrial patents, trademarks, designs and processes in legally protectable fields in industry, commerce and science.





Improving overall human resources and skills

Italy has one of the lowest shares of tertiary qualified adults and of technology-problem-solving skilled adults among OECD countries (figure 5¹⁴), and its tertiary education expenditure is also very low (figure 5⁵). The country faces a dearth of highly skilled human resources, in part because the most qualified may find better opportunities abroad. The poor correspondence between the education system and the labour market underscores a structural mismatch. To tackle this, the action plan for future youth employment, *Italia 2020*, aims to align higher education curricula better with the changing demands of industry and to promote technical vocational education. Furthermore, in 2015 the government approved a new set of measures aimed at modernising the national education system. As part of the Stability Law 2015, a new fund *La Buona Scuola* was created to invest USD 1.35 billion PPP (EUR 1 billion) in 2015 and USD 4.1 billion PPP (EUR 3 billion) in 2016 to strengthen school-work alternation and the training of school principals and to create a specific plan for teacher recruitment. In the framework of the new Partnership Agreement between Italy and the European Commission, the National Operational Programme for Schools (2014-20) funds infrastructure for education and institutional capacity with a budget of USD 4 billion PPP (EUR 3 billion). Since the university reform in 2010, significant efforts have also been made to support **researchers' careers**. A reform of doctoral education has focused on a stimulating research environment, collaborative doctorates and internationalisation. In 2015, the government provided USD 7 million PPP (EUR 5 million) for the continuation of the Programme for young researchers, initiating research programmes at Italian universities. The National Research Programme (NRP) (2015-20) that was launched in 2015 dedicates over 40% of its USD 3.3 billion PPP (EUR 2.5 billion) endowment to the priority of human capital, with the purpose of increasing the number of researchers and PhD graduates in Italy, as well as attracting the best talents from abroad.



Some key STI performance indicators

Figure 2. Economic performance

Labour productivity, GDP per hour worked,
index 2005=100

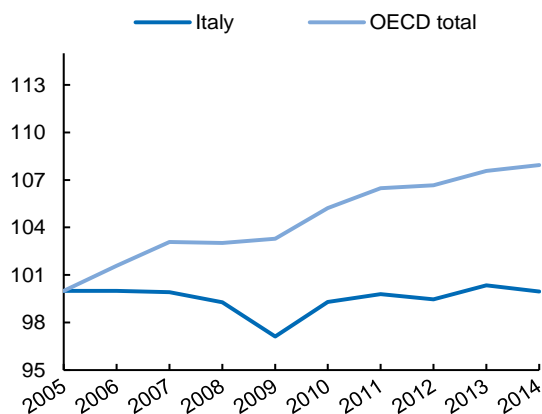


Figure 3. Environmental performance

Green productivity, GDP per unit of CO₂
emitted, index 2005=100

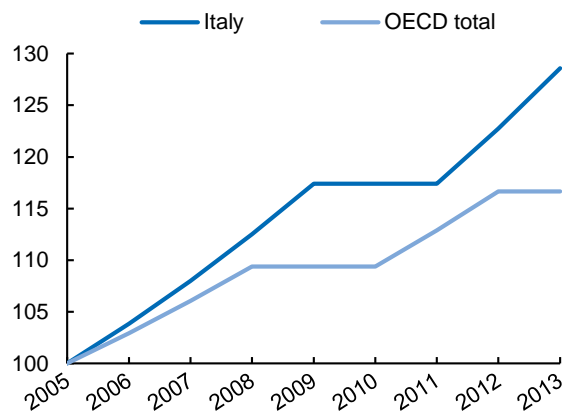
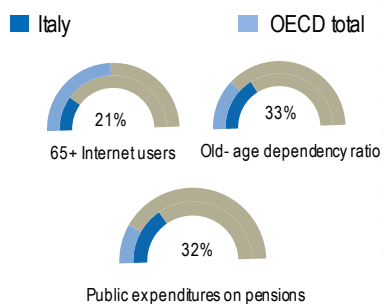


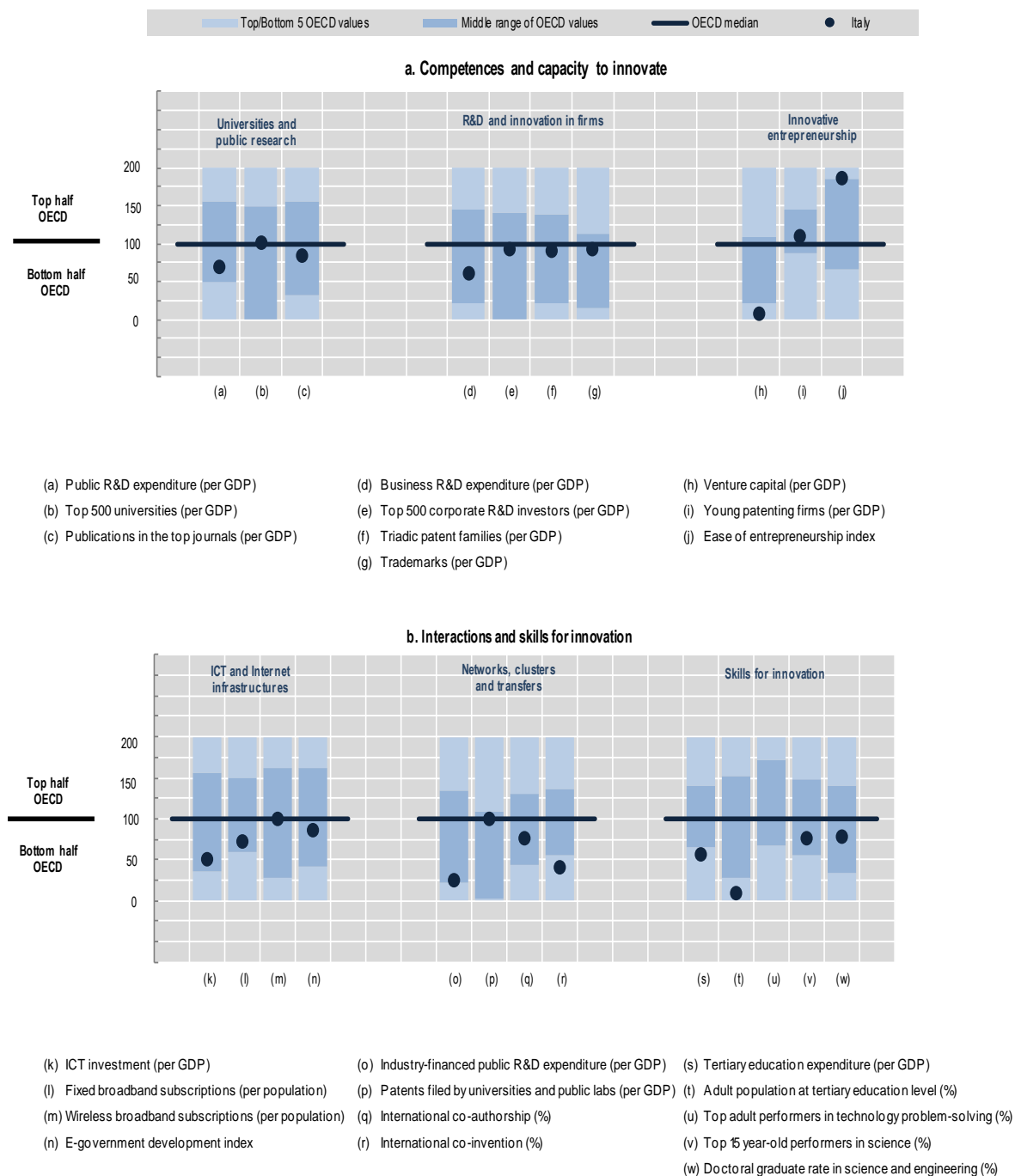
Figure 4. Ageing

2014 or latest year available
Percentage of total



Benchmarking national STI systems

Figure 5. Science and Innovation in Italy
Comparative performance of national science and innovation systems, 2016





Highlights of the Italian STI system

New challenges

Several initiatives were launched to identify and address societal challenges related to youth unemployment and green growth between 2013 and 2015. In 2015, the youth unemployment rate reached a level of 40.3%, the third-highest rate among OECD countries. Societal challenges will be addressed by a special fund for youth employment in the green-economy sector and the National Energy Strategy to 2020. Job creation will be stimulated by the aforementioned NRP 2015-20, Industria 2015 and Destination Italy. The project PhD ITalents 2014-18 intends to favour the employment of highly qualified academics in fields such as agribusiness, cultural heritage, energy, health and life sciences, ICT and sustainable transport. Furthermore, the Italian government is emphasising food, water and environment policies. The Strategic Plan on Innovation and Research for the agricultural food and forestry system (2014-20) responds to the priority on rural development regulation (EU 1305/2013) and promotes knowledge transfer and innovation in agriculture and forestry in rural areas. It also deals with innovation and research in fishery and aquaculture. Moreover, transregional partnerships such as Bluemed and the Partnership for Research and Innovation in the Mediterranean Area (PRIMA) will promote research and innovation from 2017 onwards on food- and water-related issues among European countries bordering the Mediterranean Sea.

Universities and public research

Italy's public R&D expenditure is below the OECD median, as is its research output in terms of international publications in top scientific journals. However, it has a relatively high share of top universities (5^{a,b,c}). In 2015, Italy approved a National Roadmap defining the country's contribution to the full implementation of the European Research Area (ERA). The Italian ERA Roadmap includes objectives, actions and targets. The same year, the new multiannual NRP 2015-20 set out objectives and modes of implementation for all public research activities in Italy. Currently, MIUR plans to invest about USD 3.3 billion PPP (EUR 2.5 billion) by 2020, along six axes: i) internationalisation, ii) human capital, iii) research infrastructure, iv) public-private partnerships, v) southern Italy and vi) the efficiency and quality of expenditure. Major efforts have also been made under the Cohesion Action Plan (CAP) 2013 to reinforce public research capacity. To continue on this path, and in line with the NRP axes, a National Plan for Research Infrastructure (2015-20) has been developed that aims at defining a national roadmap and prioritising public investment on research infrastructure, in compliance with the ESFRI Roadmap criteria. To improve bottom-up interdisciplinary research in the public sector, USD 135 million PPP (EUR 100 million) has been allocated for 2016 under the PRIN2015 scheme, which is intended to be re-iterated annually. Furthermore, in 2014 a new legislation and policy guidance initiative was adopted to incentivise open access compliant practices (the open access "golden rule") in scientific research.

Innovative entrepreneurship

Italy's position on the Ease of entrepreneurship index is near the top of the OECD ranking (figure 5^j). While young firms are reasonably active in patenting, venture capital is still in severely short supply, which hinders the commercialisation of innovative ideas (figure 5^{i,h}). On this account, Italy introduced a new venture capital fund in 2015 to boost the development of innovative start-ups and SMEs. Italy Venture I is endowed with USD 67 million PPP (EUR 50 million) and will invest in sectors such as biotech, green technologies, health, ICT, the Internet and mechatronics. Destination Italy, initialised in 2013, also includes several measures to facilitate access by small and micro enterprises to bank credit and equity financing, to support their internationalisation and to encourage venture capital investment.

ICT and Internet infrastructures

While Italy's wireless subscription rate is close to the OECD median (figure 5^m), overall ICT investment is significantly below the median (figure 5^k). Several recent initiatives highlight ICT investment and





digitalisation, partially revising and adjusting already existing initiatives. In the framework of the European Digital Agenda, Italy has revised its national strategy for fostering the digital culture and economy (Italian Digital Agenda). In this context, the Council of Ministers approved the National Ultra-broadband Strategy (*Strategia italiana per la banda ultralarga*) in 2015, committing USD 8.1 billion PPP (EUR 6 billion) to investment in ultra-broadband networks. The strategy's former objective of supplying 100% of the population with 100 Mbps internet connections by 2020 has been adjusted downward to 85%. The programme will have equal funding through the Juncker Plan and is expected to attract private investment for an amount equal to USD 5.4 billion PPP (EUR 4 billion).

Technology transfer and commercialisation

Industry-science linkages are poorly developed in Italy (figure 5^{p.o}). The share of public research institutions (PRIs) and universities patenting their research results has recently increased and is now slightly above the OECD median (figure 5^p). Brevetti +2 provides patent holders from university spin-offs and start-ups with funding of up to USD 189 000 PPP (EUR 140 000) to commercialise their products. Various fiscal incentives are now in place to encourage the private sector to participate in funding public research. One example is a tax exemption for amounts related to investments in joint programmes with universities or PRIs. Intersectoral mobility is also a key channel for knowledge transfer. The 2014 Financial Law includes a commitment to encourage the inter-institutional mobility of Italian researchers, and the MIUR has recently adopted measures to encourage the mobility of researchers between universities and PRIs.

Clusters and regional policies

Business innovation performance varies across regions, and much R&D and innovation capacity is concentrated in Italy's northern and central regions. Focussing on the potential of southern Italy is one of the six pillars of the NRP 2015-20. In 2012, the MIUR launched a national call for the creation and strengthening of technological clusters, and in 2013 it allocated new resources under the Cohesion Action Plan (CAP) to strengthen public research infrastructures particularly in southern regions. A project to support regional governments in designing and implementing their smart specialisation strategies was also launched in 2013. The NRP 2015-20 identifies 12 special research fields corresponding to the 12 technological clusters.

Globalisation

Italy is weakly integrated into international knowledge networks, as is reflected in its poor performance in international co-authorship and co-patenting (figure 5^{tr}). International agreements are the most important instruments within the Strategy for the Internationalisation of Italian Research. Over 2014-16, Italy has reinforced its network of bilateral and multilateral agreements for scientific and technological co-operation with partner countries, covering almost all European and a growing number of non-European countries. Executive intergovernmental Protocols for S&T bilateral cooperation came into force or have been renewed with Serbia, Algeria, the People's Republic of China and the Republic of Korea. Strengthening the internationalisation of Italian universities, PRIs and businesses is also an aim of Destination Italy. Since 2013, the ITA-Italian Trade Agency, which replaced the former Institute for Foreign Trade, has been supporting the internationalisation of Italian firms. In 2015, the MISE committed funding (Decree of 1 July) to consortia for internationalisation to support SMEs in foreign markets and promote the international spread of their products and services. In addition, people's international mobility is actively encouraged. The government launched an internship programme in cooperation with Italian diplomatic representations abroad to promote international experience for Italian students. Visa application procedures have been simplified and new amendments introduced in the Immigration Act so as to attract a broad range of skills, i.e. investors, students, researchers and the highly skilled. The MIUR has also introduced measures to attract researchers from abroad.



Structural aspects and specialisation

Figure 6. Structural composition of BERD, 2013 or latest year available

As a % of total BERD or sub-parts of BERD

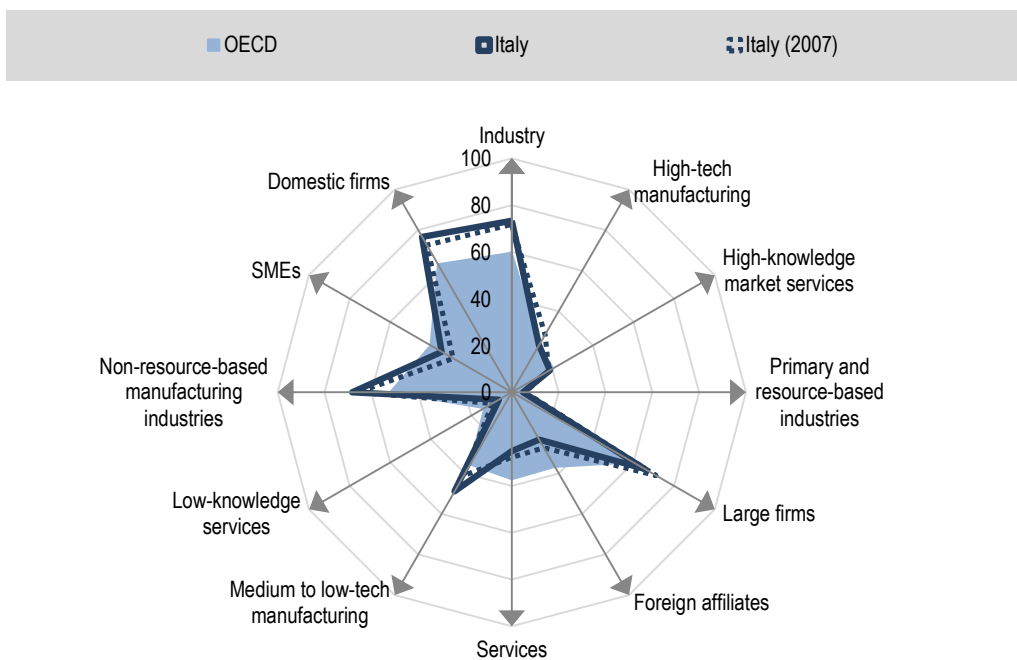
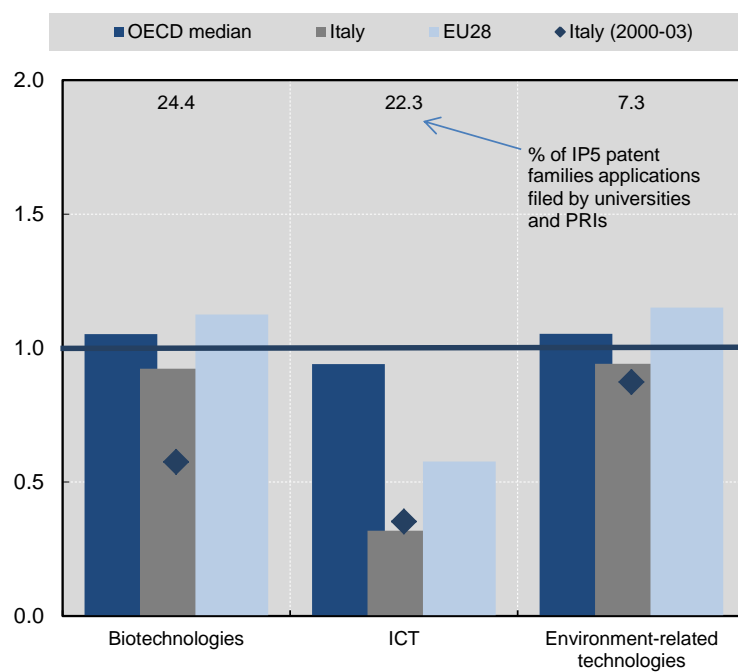
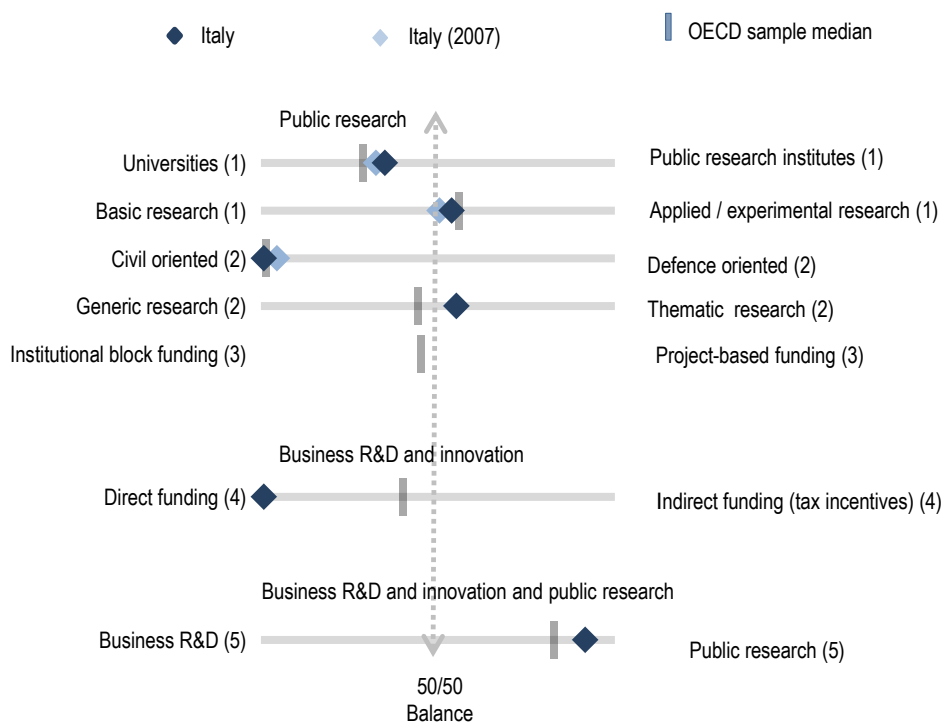


Figure 7. Revealed technology advantage in selected fields, 2011-13
Index based on IP5 patent families applications



National STI policy mix

Figure 8. Allocation of public funds to R&D, 2014 or latest year available
By sector, type of R&D and mode of funding



(1). Balance as a share of both higher education (HERD) and government (GOVERD) R&D expenditure.

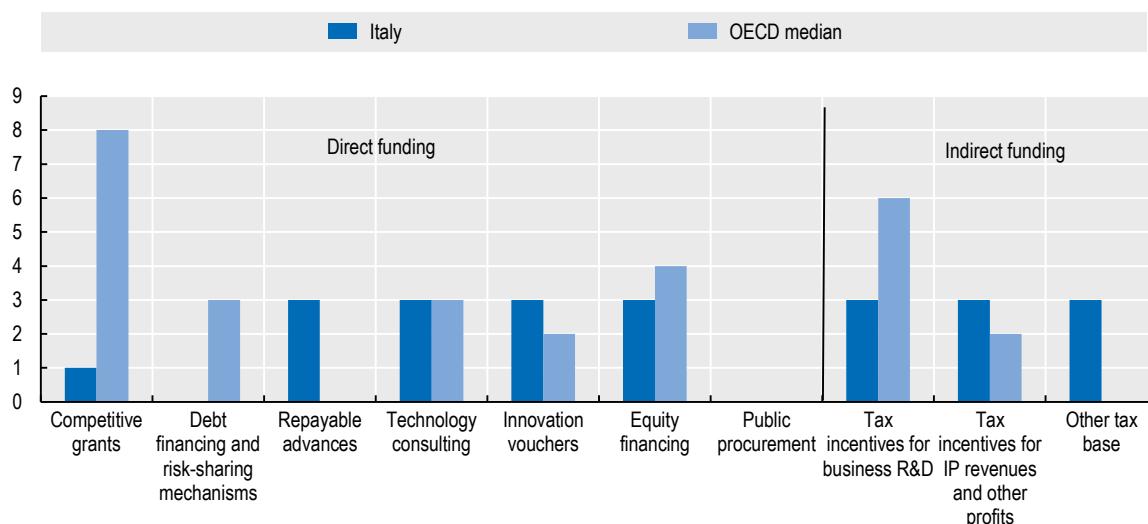
(2) Balance as a share of total government budget appropriations and outlays for R&D (GBAORD).

(3) Balance as a share of total funding to national performers.

(4) Balance as a share of both indirect funding (through R&D tax incentives) and direct funding (through grants, procurement, loans, etc.).

(5) Balance as a share of publicly-funded HERD and GOVERD and components of (4).

Figure 9. Most relevant policy instruments of funding for business R&D, 2016
Country self-assessment, index (9 = high and increasing relevance to 0 = not used)



Note: Policy information comes from country responses to the EC/OECD STI Policy Survey 2016 and 2014. Italy's responses are available in the EC/OECD STI Policy Database, edition 2016 at http://qdd.oecd.org/DATA/STIPSurvey/ITA...STIO_2016.

Source: See the reader's guide and methodological annex.

StatLink <http://dx.doi.org/10.1787/888933433890>

References

General references

- Dernis H., Dosso M., Hervás F., Millot V., Squicciarini M. and Vezzani A. (2015), World Corporate Top R&D Investors: Innovation and IP bundles, A JRC and OECD common report, Luxembourg, Publications Office of the European Union.
- EC (European Commission) (2015), EU R&D Scoreboard: The 2015 EU Industrial R&D Investment Scoreboard, European Commission, Luxembourg, <http://iri.jrc.ec.europa.eu/scoreboard.html>, accessed 4 October 2016.
- Flanagan, K., E. Uyarra and M. Laranja (2010), "The policy mix for innovation: rethinking innovation policy in a multilevel, multi-actor context", Munich Personal RePEc Archive (MPRA) No. 23567, July.
- IEA (2015), CO2 Emissions from Fuel Combustion 2015, OECD Publishing, Paris, DOI: http://dx.doi.org/10.1787/co2_fuel-2015-en
- Kergroach, S. (2010), "Monitoring innovation and policies: developing indicators for analysing the innovation policy mix", internal working document of the Directorate for Science, Technology and Industry (DSTI), OECD, Paris.



- Kergroach, S., J. Chicot, C. Petroli, J. Pruess, C. van Ooijen, N. Ono, I. Perianez-Forte, T. Watanabe, S. Fraccola and B. Serve, (forthcoming-a), "Mapping the policy mix for innovation: the OECD STI Outlook and the EC/OECD International STIP Database", *OECD Science, Technology and Industry Working Papers*.
- Kergroach, S., J. Pruess, S. Fraccola and B. Serve, (forthcoming-b), "Measuring some aspects of the policy mix: exploring the EC/OECD International STI Policy Database for policy indicators", *OECD Science, Technology and Industry Working Papers*.
- OECD (Organisation for Economic Co-operation and Development) (2016), Education at a Glance 2016: OECD Indicators, OECD Publishing, Paris, <http://dx.doi.org/10.1787/eag-2016-en>.
- OECD (2016), OECD Economic Outlook, Volume 2016 Issue 1, OECD Publishing, Paris, http://dx.doi.org/10.1787/eco_outlook-v2016-1-en.
- OECD (2016), OECD Country Reviews of Innovation Policy, www.oecd.org/sti/inno/oecdreviewsofinnovationpolicy.htm.
- OECD (2015), Pensions at a Glance 2015: OECD and G20 indicators, OECD Publishing, Paris, http://dx.doi.org/10.1787/pension_glance-2015-en.
- OECD (2015), OECD Skills Outlook 2015: Youth, Skills and Employability, OECD Publishing, Paris, <http://dx.doi.org/10.1787/9789264234178-en>.
- OECD (2015), OECD Science, Technology and Industry Scoreboard 2015: Innovation for growth and society, OECD Publishing, Paris, http://dx.doi.org/10.1787/sti_scoreboard-2015-en.
- OECD (2015), OECD Digital Economy Outlook 2015, OECD Publishing, Paris, <http://dx.doi.org/10.1787/9789264232440-en>.
- OECD (2015), Entrepreneurship at a Glance 2015, OECD Publishing, Paris, http://dx.doi.org/10.1787/entrepreneur_aag-2015-en.
- OECD (2015), National Accounts at a Glance 2015, OECD Publishing, Paris, http://dx.doi.org/10.1787/na_glance-2015-en.
- OECD (2015), The Innovation Imperative: Contributing to Productivity, Growth and Well-Being, OECD Publishing, Paris, <http://dx.doi.org/10.1787/9789264239814-en>.
- OECD (2014), Measuring the Digital Economy: A New Perspective, OECD Publishing, Paris, <http://dx.doi.org/10.1787/9789264221796-en>.
- OECD (2014), OECD Science, Technology and Industry Outlook 2014, OECD Publishing, Paris, http://dx.doi.org/10.1787/sti_outlook-2014-en.
- OECD (2011), Towards Green Growth: Monitoring Progress: OECD Indicators, OECD Green Growth Studies, OECD Publishing, Paris, <http://dx.doi.org/10.1787/9789264111356-en>.
- OECD (2010), "The Innovation Policy Mix", in OECD Science, Technology and Industry Outlook 2010, OECD Publishing, Paris, http://dx.doi.org/10.1787/sti_outlook-2010-48-en.
- OECD (2010), Measuring Innovation: A New Perspective, OECD Publishing, Paris, <http://dx.doi.org/10.1787/9789264059474-en>.
- OECD and SCImago Research Group (CSIC), (2014), Compendium of Bibliometric Science Indicators 2014, <http://oe.cd/scientometrics>.
- Van Steen, J. (2012), "Modes of public funding of R&D: Towards internationally comparable indicators", OECD Science, Technology and Industry Working Papers, No. 2012/4, OECD Publishing, Paris, <http://dx.doi.org/10.1787/5k98ssns1qzs-en>.

Databases and data sources





Academic Ranking of World Universities (2016), “Shanghai ranking academic ranking of World universities”, www.shanghairanking.com, accessed 4 October 2016.

Bureau Van Dijk (2011), ORBIS Database, Bureau Van Dijk Electronic Publishing.

EC/OECD (forthcoming), International Database on Science, Technology and Innovation Policies (STIP), edition 2016, www.innovationpolicyplatform.org/ecocd-stip-database.

Elsevier B.V. (2014), Elsevier Research Intelligence, www.elsevier.com/online-tools/research-intelligence/products-and-services/scival, accessed 4 October 2016.

Eurostat (2016), Education and Training Databases, June, <http://ec.europa.eu/eurostat/web/education-and-training/data/database>, accessed 4 October 2016.

Eurostat (2016), Total intramural R&D expenditure (GERD) by sectors of performance and source of funds, April, http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=rd_e_gerdfund&lang=en, accessed 4 October 2016.

Graham, S., G. Hancock, A. Marco and A. Myers (2013), “The USPTO Trademark Case Files Dataset: Descriptions, Lessons, and Insights”, SSRN Working Paper, <http://ssrn.com/abstract=2188621>.

IEA (International Energy Agency) (2015), CO2 Emissions from Fuel Combustion Database, [/www.iea.org/publications/freepublications/publication/name,43840,en.html](http://www.iea.org/publications/freepublications/publication/name,43840,en.html).

ILO (International Labour Organization) (2016), Key Indicators of the Labour Market database, www.ilo.org/global/statistics-and-databases/research-and-databases/kilm/lang--en/index.htm, accessed 4 October 2016.

IMF (International Monetary Fund) (2016), World Economic Outlook (WEO) Databases, July, www.imf.org/external/pubs/ft/weo/2016/01/weodata/index.aspx, accessed 4 October 2016.

ITU (International Telecommunication Union) (2016), World Telecommunication/ICT Indicators 2016, www.itu.int/en/ITU-D/Statistics/Pages/stat/default.aspx, accessed 4 October 2016.

OECD (2016), Activity of Multinational Enterprises (AMNE) Database, August, www.oecd.org/industry/ind/amne.htm.

OECD (2016), ANBERD Database, July, www.oecd.org/sti/anberd.

OECD (2016), OECD Annual Labour Force Statistics Database, July, www.oecd.org/employment/labour-stats/.

OECD (2016), Broadband Portal, August, www.oecd.org/sti/broadband/oecdbroadbandportal.htm.

OECD (2016), OECD Education Databases, September, <http://gpseducation.oecd.org/>

OECD (2016), Entrepreneurship Financing Database.

OECD (2016), Educational Attainment and Labour Force Status Database, <https://data.oecd.org/education.htm>.

OECD (2016), OECD Income Distribution Database, www.oecd.org/social/income-distribution-database.htm.

OECD (2016), Main Science and Technology Indicators (MSTI) Database, June, www.oecd.org/sti/msti.

OECD (2016), OECD National Accounts Databases, September, www.oecd.org/std/na/.

OECD (2016), OECD/NESTI data collection on R&D tax incentives, July, www.oecd.org/sti/rd-tax-stats.htm.

OECD (2016), Patent Database, June, www.oecd.org/sti/inno/oecdpatentdatabases.htm.

OECD (2016), Productivity Database, September, www.oecd.org/std/productivity-stats.

OECD (2016), Programme of International Students Assessment (PISA) Database, OECD Education Statistics, June, www.pisa.oecd.org.



- OECD (2016) Programme for the International Assessment of Adult Competencies (PIAAC) Database, OECD Education Statistics, June www.oecd.org/skills/piaac/surveyofadultskills.htm.
- OECD (2016), Research and Development Statistics (RDS) Database, April, www.oecd.org/sti/rds.
- OECD (2016), STI Micro-data Lab: Intellectual Property Database, June, <http://oe.cd/ipstats>.
- OECD (2014), Product Market Regulation (PMR) Database, March, www.oecd.org/economy/pmr.
- OECD (2013), “Modes of public funding of R&D: Interim results from the second round of data collection on GBAORD”, internal working document of the Working Party of National Experts on Science and Technology Indicators (NESTI), OECD, Paris.
- UIS (UNESCO Institute for Statistics) (2016), Education Database, June, http://data.uis.unesco.org/Index.aspx?DataSetCode=EDULIT_DS, accessed 4 October 2016.
- UIS (2016), Science, Technology and Innovation Database, July, http://data.uis.unesco.org/Index.aspx?DataSetCode=SCN_DS, accessed 4 October 2016.
- UN (United Nations) (2016), UN e-Government Survey, United Nations, NY. <https://publicadministration.un.org/egovkb/en-us/Reports/UN-E-Government-Survey-2016> (accessed 4 October 2016).
- World Bank (2016), World Development Indicators (WDI) Databank, <http://wdi.worldbank.org>

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