

Horizon 2020

The New EU
Framework Programme for
Research and Innovation

2014-2020

WHAT IS HORIZON 2020?

- European Commission's biggest research and innovation funding programme to date worth €80 billion over the next seven years.
- One of the biggest publically funded research funds worldwide.
- Part of the drive to create new growth and jobs in Europe and to tackle societal, health and environmental challenges Europe wide.



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WHO IS ELIGIBLE?

- The most open research funding programme in the world. The Horizon 2020 website is open to all types of actors involved in research and innovation: academic, research, industry, industry-academic teams and other stakeholder organisations.
- Submissions from researchers in higher education institutions collaborating with partners across Europe are also welcome.
- The fund is also open to researchers in the private higher education sector.



GOVERNMENT STRATEGY

Ireland has set a target of securing €1 billion of the €80 billion research fund available and has put in a place a national strategy to secure this funding. **Enterprise Ireland** is leading the **National Support Network** for Horizon 2020. It has a network of 32 advisors drawn from ten Irish research and industry agencies.

The Irish Government seeks to build on the success of the Seventh EU Framework Programme for Research and Technological Development (FP7) in which Irish researchers and companies secured €600 million euros with an application success rate of 22%.

PROGRAMME STRUCTURE



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Three pillars:

- **Excellent Science:** Strengthen the EU's position in Science to secure Europe's long term competitiveness. Also includes funding opportunities in research infrastructures.
- **Competitive Industry:** Investment in innovation, technology and enterprise to secure Europe's long term competitiveness. Dedicated SME instrument.
- **Better Society:** the potential of research to solve societal problems. Funding opportunities re inclusive societies, health, demographics, well being and green energy and transport.



NEW FEATURES OF HORIZON 2020

- More money on offer – up 30% on FP7
- Single unified programme absorbing FP7, CIP and EIT*
- Stronger focus on innovation to close to market
- Focus on societal challenges. 40% of Horizon 2020 budget will go to research on societal and environmental challenges including health and climate change
- Simplified access for all companies, universities and institutes in the EU and beyond (a single set of participation rules, faster time from application to grant etc.)

*The 7th Research Framework Programme (FP7), innovation aspects of Competitiveness and Innovation Framework Programme (CIP), EU contribution to the European Institute of Innovation and Technology (EIT)



FIRST CALLS FOR HORIZON BIDS

The first calls for Horizon 2020 are now published online. Research bids are invited areas such as:

- **ICT**
- **Integrating research, innovation and education**
- **Secure and inclusive societies**
- **Gender**
- **Green energy and transport**
- **Health, demographics and well-being**
- **Resource efficiency and climate change**
- **Innovation in SMEs**

The full list of calls are available on the Horizon website:

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

ATTRIBUTES OF A SUCCESSFUL HORIZON BID

- Excellence
- Impact
- Quality and efficiency of the implementation
- Project stories are available on the Horizon website:

<http://ec.europa.eu/programmes/horizon2020/en/newsroom/551/>

COULD DBS APPLY FOR HORIZON FUNDING? YES!

- DBS has staff expertise in the areas of ICT and sociology
- There are members of DBS faculty who have a strong publication record
- DBS has its own Research Committee
- DBS Library provides research support services at faculty level
- DBS has an institutional repository eSource (<http://esource.dbs.ie/>) on which publications arising from funding can be made available on open access (a stipulation of Horizon 2020)
- DBS has strong links to industry



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WIDER KAPLAN EXPERTISE

Fast Company magazine's annual ranking of the world's most innovative educational companies for 2014, Kaplan Inc. came third. One of the reasons for its high ranking was due to Kaplan's embrace of new “techcentric curriculums.”



WHAT COULD DBS DO WITH RESEARCH FUNDS?

- Research funding could create a fund to sponsor faculty wishing to do PhDs
- Incentives for research active staff
- Expand research culture and infrastructure at DBS by investing in a DBS research web page, DBS Research Support Office
- Secondment of faculty to pursue other research bids
- Enhances the reputation and financial stability of DBS

Irish Universities Association (IUA) has established a unified approach to Horizon 2020. Perhaps the Higher Education Colleges Association (HECA) or DBS/ Kaplan could also adopt a unified approach?



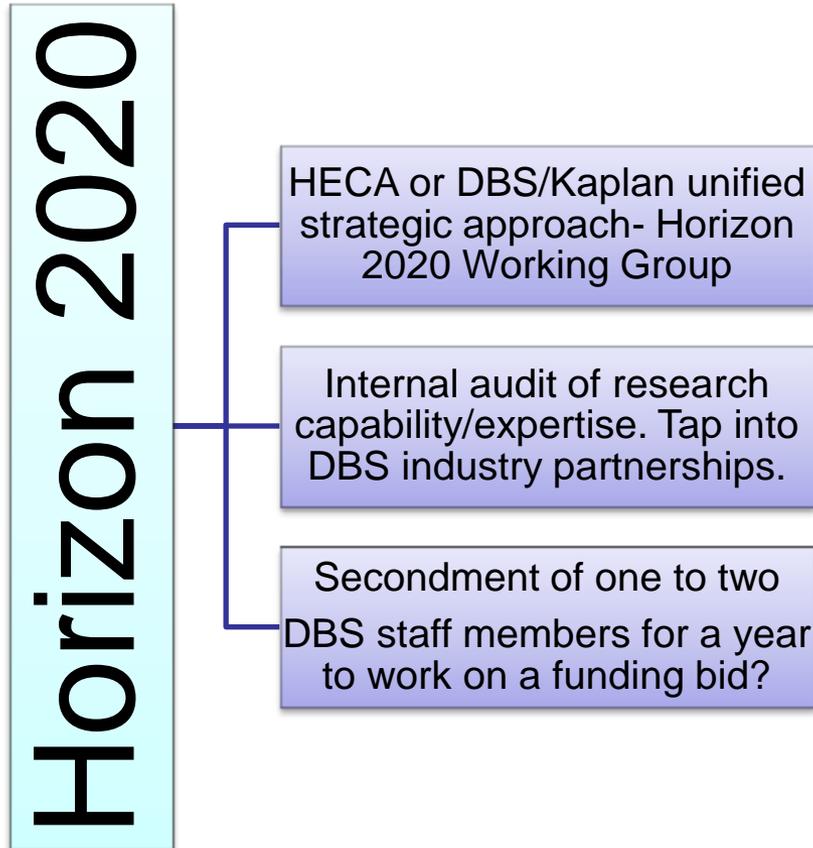


IUA proposed actions to promote more competitive Horizon 2020 bids:

- Set up Horizon 2020 working group to support implementation of their Horizon 2020 strategy
- Target staff with high potential for successful research bids and nurture them.
- Promote cross institutional harnessing of research and innovation expertise
- Form partnerships with industry representative associations (IBEC, ISME) to seek out private sector collaborations
- Work in partnership with universities and companies in Northern Ireland, InterTradelreland and InvestNI to develop collaborative ventures. InterTradelreland has developed a mobile App to foster North South collaboration.



Horizon 2020- Initial Approach at DBS?





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HOW THE LIBRARY CAN HELP YOU?

“Libraries have an opportunity to use their skills to help researchers improve the quality of their funding applications, and to increase the institution’s success in winning research income.”

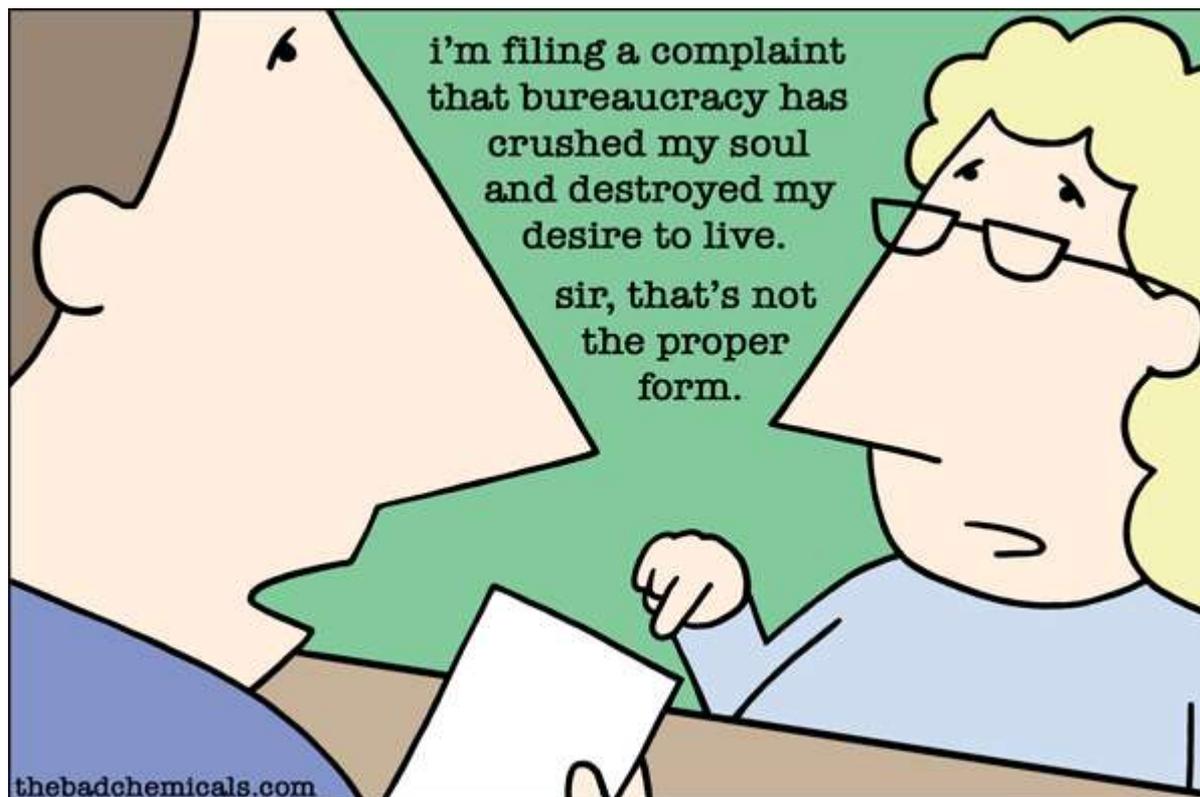
**Research Libraries UK and the Research Information Network
(2011) *The Value of Libraries for Research and Researchers***

Research funding programmes can entail a lot of paperwork, the Library can provide information on procedures involved etc.



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KAPLAN

CHECK OUT THE HORIZON 2020 WEBSITE

The screenshot shows the Horizon 2020 website homepage. At the top, there is a navigation bar with links for 'Login', 'About', 'Contact', 'Legal notice', 'Search', and a language dropdown set to 'English (en)'. Below this is the European Commission logo and the text 'HORIZON 2020 The EU Framework Programme for Research and Innovation'. A secondary navigation bar includes 'Home', 'What is Horizon 2020?', 'Find Your area', 'How to Get funding?', 'News', 'Events', 'Multimedia & Publications', and 'Project Stories'. The main content area features several key sections: a 'What is Horizon 2020?' section with a globe icon; a 'Find Your area' section with a magnifying glass icon; a 'Horizon 2020 Programme' section with a document icon; and a 'How to Get funding?' section with a document icon. A central banner for 'Stars of European Research & Innovation' features a tablet displaying the app interface and text: '"Stars of European Research and Innovation" in your tablet: download the App now! The Stars of European Research and Innovation is a free tablet app which showcases examples of what Europe is doing to stay at the forefront of research and innovation worldwide.' Below this is a 'Highlights' section with two news items: 'Read our FET Newsletter (edition Feb2014)' and 'H2020 Info Day : Public Sector and Innovation (10/02/2014)'. To the right, there are sections for 'Project Stories', a search bar, 'Multimedia & Publications', and a social media feed for '#H2020' with tweets from @daniblasco and @SantPereClaver. A vertical 'YOUR FEEDBACK' button is located on the right edge of the main content area.



FURTHER INFORMATION

- **Enterprise Ireland** has a National Support Network for Horizon 2020 comprising 32 European advisors drawn from 10 Irish research and industry agencies: <https://www.enterprise-ireland.com/en/>
- **Horizon 2020 online manual:**
<http://ec.europa.eu/research/participants/portal/desktop/en/funding/guide.html>

FURTHER INFORMATION CONTINUED, DBS LIBRARY:

<http://library.dbs.ie/>

