RECENT OECD WORK ON NATIONAL RESEARCH SYSTEMS

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- Performance-based funding for public research in tertiary education institutions (2010)
- Public research institutions: mapping sector trends (2011)
- New forms of incentive funding for public research (2013)
- Ongoing GBAORD data work (2008-) => Frascati Manual revision
- Various country reviews of innovation policy, e.g. Sweden (2013), Slovenia (2012), Russia (2011), Korea (2009), New Zealand (2007), etc.
- OECD-World Bank Innovation Policy Platform (2013-)

Performance-based funding for public research in tertiary education institutions

- Scope:
 - Experts commissioned to investigate models, indicators and impacts
 - Questionnaire survey completed by 13 countries
- Key findings:
 - Most schemes introduced since 2000
 - Main rationale: raise quality of research; but also others
 - Assessments commonly used for several rounds of annual funding
 - Open disclosure of processes and results in most countries
 - Similarities in indicators used: 3rd party income, publications, degree completions; differences in combinations and weighting, reliance on quantitative indicators and peer review, and use of additional indicators
 - Differences in budget impacts of schemes: while difficult to compare across countries, annual block funding affected ranges from 6% to 75%
 - Differences in the involvement of HEIs in designing schemes
 - Few formal evaluations of schemes evidence suggests positive effects on research outputs and research management
 - Negative and unintended consequences also highlighted: e.g. narrowing of research focus on publications targeted at certain journals

Public research institutions: mapping sector trends

- Scope:
 - 20 countries participated: country notes / questionnaires
 - 12 institutional case studies
- Key findings:
 - Amid diversity, discernible trend towards more competitive funding
 - Variety of pubic funding sources
 - A trend too far? Concerns around short-termism, convergence, careers, infrastructures, etc. Korea and New Zealand have notably reinstated core funding on account of these concerns
 - At least two meanings of 'autonomy' uncovered: (i) legal status and (ii) block grants without strings
 - Autonomy with accountability: instances of core funding that is part performance-based, e.g. Norway, Korea
 - Interest in full economic costing to support capital and infrastructure

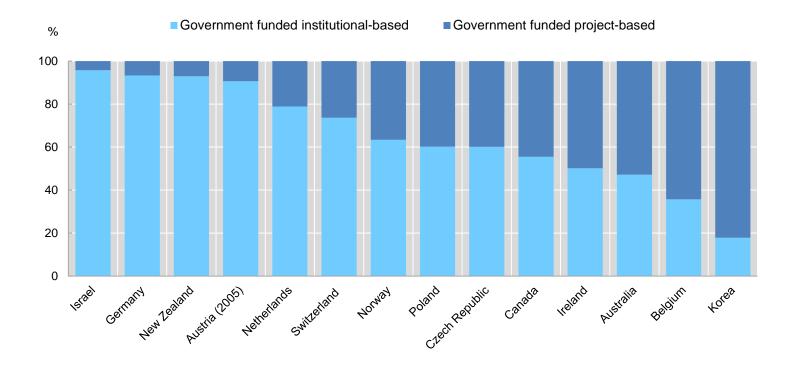
New forms of incentive funding for public research

- Scope:
 - Research Excellence Initiatives (REIs)
 - Review of 24 REIs from 16 countries
- Key findings:
 - Combine features of both institutional and project-based funding provide funding, but also prestige
 - Objective: international competitiveness of research
 - Part of strategies to fund fewer institutions, selected on the basis of excellent performance and future potential
 - Selection panels tend to be internationally staffed
 - Variation in focus: young researchers, infrastructure, attracting international talent, cooperation with industry
 - REIs as change agents?
 - Evaluation evidence remains weak long-term effects remain unverified and evaluation efforts have yet to focus on effects on research landscape as a whole



- Scope:
 - Develop R&D funding indicators that better align with policy needs
 - 18 countries participated in NESTI pilot project, building on EU PRIME Network study
 - National GBAORD databases + direct requests / admin docs
- Key findings:
 - National GBAORD data can be used to distinguish institutional and project funding, which can be further broken down by performing sector and (in some cases) by type of instrument
 - Further work required on definitions
 - Supplementary information is often needed to make these distinctions
 => need for some augmentation of national GBAORD databases
 - Complementary qualitative data is needed to interpret results

Government funded R&D in higher education by type of funding, 2008



Project funding as a % of public funding

	2000	2005	2008
New Zealand	-	74.6	71.9
Korea	-	69.1	68.9
Belgium	-	-	55.7
Finland	-	46.2	52.8
Ireland	-	-	52.2
Australia	30.5	44.7	47.1
Czech Republic	51.3	43.4	46.7
Norway	-	43.7	41.5
Slovak Republic	-	40.9	39.5
Germany	-	-	34.6
Israel	45.7	41.1	35.7
Canada	31.9	36.5	34.6
Poland	29.4	33.2	31.4
Austria	16.1	24.1	28.9
Netherlands	29.7	22.4	27.8
Denmark	-	-	25.9
Switzerland	25.5	25.3	23.2

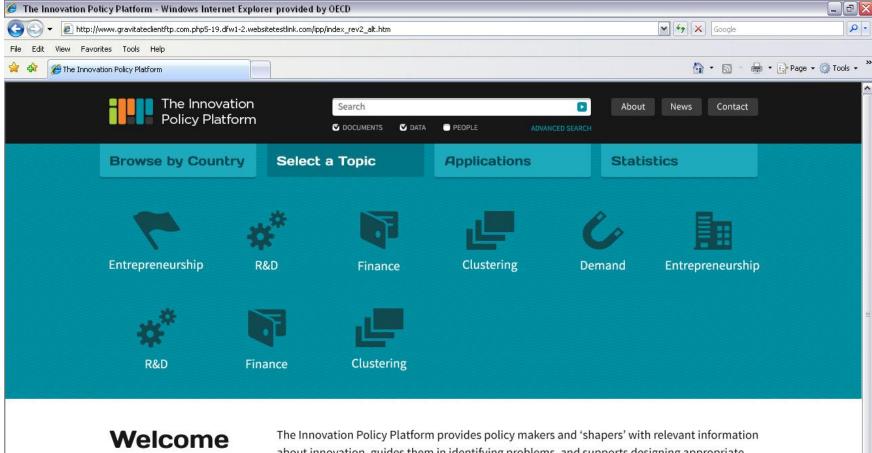
OECD country reviews of innovation policy

- 14 reviews completed since 2006, another 6 ongoing / pipelined
- Examine whole innovation system and the role of public policy
- Public research system dealt with prominently, but is just one element
- Issues of public research governance (funding, evaluation, research performer autonomy) are covered



OECD-World Bank Innovation Policy Platform

- There are unlikely to be ideal types / single best practices / once and for all optimum balances associated with the questions raised here
- But we can probably better marshal available evidence to support policy analysis and design efforts around these questions
- The IPP is a knowledge management system that organises and links together existing data and qualitative information to enable policy learning
- It helps to frame questions and provides guidance on where to look for some answers
- Initially utilises the OECD's store of data and reports, but will be expanded later
- Closed beta launch in June to OECD delegates, public beta launch in October



about innovation, guides them in identifying problems, and supports designing appropriate policy solutions. We recommend choosing a topic to focus your search. Alternatively, you can browse the entire IPP. Learn More

New in the IPP

to the IPP



http://www.gravitateclientftp.com.php5-19.dfw1-2.websitetestlink.com/ipp/index_rev2_alt2.htm

🍊 The Innovation Policy...

THANKS!

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