

**DIRECTORATE FOR SCIENCE, TECHNOLOGY AND INDUSTRY
COMMITTEE FOR SCIENTIFIC AND TECHNOLOGICAL POLICY**

Working Party of National Experts on Science and Technology Indicators

DRAFT AGENDA

OECD, Paris 4-6 June 2012

Delegates will find attached a draft agenda for the NESTI meeting of 4-6 June 2012. Ahead of the NESTI meeting starting in the afternoon of Monday 4 June, a small workshop will be organised by the NESTI Task Force on Higher Education R&D measurement. A draft agenda for this event will be circulated separately.

Contact: Fernando GALINDO-RUEDA (OECD/STI/EAS), Tel: (+33-1) 45 24 87 49;
E-mail: fernando.galindo-rueda@oecd.org

**WORKING PARTY OF NATIONAL EXPERTS
ON SCIENCE AND TECHNOLOGY INDICATORS (NESTI)**

DRAFT AGENDA

Paris 4-6 June 2012, starting at 14:00 on the first day

OECD Conference Centre, 2 Rue André-Pascal, 75016 Paris

Monday, 4 June 2012 – Morning

Timing

8:30-13:00 **NESTI Task Force on Measuring Higher Education R&D: *Ad hoc* workshop on interim findings and key next steps**

Prior to the plenary session, NESTI delegates are invited to participate in this *ad hoc* workshop for the NESTI Task Force on Higher Education R&D.

Workshop agenda: [DSTI/EAS/STP/NESTI/AH/A\(2012\)1](#)

Monday, 4 June 2012 – Afternoon

<i>Indicative Timing</i>	<i>No.</i>	<i>Item</i>	<i>Documents</i>
14:00-14:05	1.	Adoption of the agenda <i>Action required: Delegates are invited to adopt the agenda.</i>	DSTI/EAS/STP/NESTI/A(2012)1
14:05-14:10	2.	Approval of the summary record <i>The Chair will ask for approval of the summary record of the 2011 NESTI meeting.</i> Action required: Delegates are invited to approve the record of the 2011 NESTI plenary meeting, held in Paris on 22-24 June 2011.	DSTI/EAS/STP/NESTI/M(2011)1
14:10-14:25	3.	Statement by the Secretariat <i>The Secretariat will provide a short report to NESTI on relevant developments at the OECD.</i> Action required: NESTI delegates are invited to take note of the statement by the Secretariat.	Oral report

- 14:25-14:30 **4. Designation of the NESTI Bureau**
Action required: Delegates will be invited to designate the NESTI Bureau for 2013.
- 14:30-15:00 **5. Update on the NESTI Roadmap and proposed contribution to the CSTEP Programme of Work and Budget (PWB) 2013-14**
- a) ***The CSTEP Draft Programme of Work and Budget*** [DSTI/STP\(2012\)1](#)
Mr. Ken Guy (Head of STP Division, STI) will present the key elements of the draft CSTEP Programme of Work for 2013-14. [DSTI/STP\(2012\)2](#)
- b) ***Implementing the NESTI Roadmap in the PWB 2013-2014*** [DSTI/EAS/STP/NESTI\(2012\)2](#)
*The Secretariat will set out the key objectives for the meeting and decisions to be considered, building up to a final discussion on the last day. At this NESTI meeting, delegates will be asked in particular to **agree** on how to take forward the ongoing review of the R&D and innovation measurement frameworks into 2013/14.*
Action required: NESTI delegates will be asked to **note** and **comment** on the draft PWB for 2013-2014 for the CSTEP and the proposed contribution by NESTI.
 Room document
- 15:00-16:00 **6. Improving the measurement of Business R&D**
- NESTI Task Force on Business R&D*** [DSTI/EAS/STP/NESTI\(2012\)3](#)
The Secretariat and Mr John Jankowski (NCSES, USA) will present the main findings of the stocktaking work and other related activities and consultations with stakeholders.
Action required: NESTI delegates will be asked to **comment** on the results of the work of the NESTI Task Force on Business R&D and **help steer the work**. Delegates are asked to **indicate their availability** to participate in a Task Force meeting to be held in December 2012 back to back with the final conference of the KNOWINNO project on R&D and innovation in services on 14 December 2012.
- 16:00-16:30 ***Coffee break***

16:30-17:30 7. **R&D measurement guidelines and data collection: priorities and way forward**

a) ***Conclusions of the NESTI Workshop of the Task Force on HERD measurement***

Oral report

The Secretariat will report on the key conclusions reached in the workshop held in the morning.

Action required: Delegates will be invited to **note** the conclusions of the workshop and to **comment** on the proposed next steps.

b) ***Update on the capitalisation of R&D***

[DSTI/EAS/STP/NESTI\(2012\)4](#)

The Secretariat will report on the state of play of R&D capitalisation across the OECD and its potential implications for NESTI activities, including data collection and R&D reporting.

Action required: For information and discussion.

c) ***Priorities for reviewing R&D data collection and Frascati guidelines on measuring R&D expenditures***

Oral report

The Secretariat will set out a number of options for taking forward this work in the 2013-2014 Programme of Work and Budget.

Action required: NESTI delegates will be invited to **highlight their priorities** for taking forward the review of guidelines on the measurement of R&D expenditures and to **indicate their ability** to contribute actively to such process.

18:00-20:00 ***Cocktail reception: Celebrating 50 years of the Frascati Manual***
George Marshall Room

Tuesday, 5 June 2012

<i>Timing</i>	<i>No.</i>	<i>Item</i>	<i>Documents</i>
9:30-11:00	8.	Business innovation surveys	
	a)	<p><i>Innovation survey methodologies and results</i></p> <p><i>The Secretariat will present a review paper based on the online questionnaires completed by countries and further analysis.</i></p> <p>Action required: Delegates are invited to note and comment on the results of the stocktaking work and proposed next steps. They are also invited to agree to make the metadata available through a dedicated electronic discussion group.</p>	DSTI/EAS/STP/NESTI(2012)5
	b)	<p><i>Innovation survey-based indicators and analysis</i></p> <p><i>The Secretariat will present new evidence from the joint NESTI-TIP project on R&D and innovation in services and will set out proposals for the collection of comparable indicators and analytical results.</i></p> <p>Action required: Delegates are invited to note the preliminary results and agree to use and adapt the model software routines to implement comparable analysis and report results back to the OECD.</p>	DSTI/EAS/STP/NESTI(2012)6
	c)	<p><i>Updates from countries on measuring innovation, innovation-related expenditures and investment in intangibles</i></p> <p><i>Brief presentations by delegations on new approaches tested to measure innovation and/or intangibles-related expenditures.</i></p> <p>Action required: Delegates are invited to note the presentations and comment on these developments.</p>	Presentations by delegations
11:00-11:20		<i>Coffee break</i>	
11:20-12:15	d)	<p><i>Cognitive testing of innovation surveys</i></p> <p><i>The Secretariat will present the findings of a review of past cognitive testing exercises for business innovation surveys and will provide an update on the progress on the cognitive testing of Oslo Manual concepts, definitions and key questions.</i></p> <p>Action required: NESTI delegates are invited to a) note and comment on the review b) indicate their availability to participate in the scoping interviewing and further testing phases of the project.</p>	DSTI/EAS/STP/NESTI(2012)7

	e)	<i>Emerging priorities for reviewing the measurement framework for innovation</i>	Discussion
		Action required: Delegates are invited to indicate their preferences for taking forward the ongoing work on reviewing the framework for measuring business innovation within the OECD project on New Sources of Growth and the 2013-14 Programme of Work.	
12:15-13.00	9.	NESTI work on measuring public sector innovation	
	a)	<i>The Australian delegation will provide an update on the Australian Public Sector Innovation Indicators Project (APSII).</i>	Presentation
	b)	<i>Mr. Marco Daglio (OECD/GOV) will provide an update on work recently carried out by the OECD Directorate for Public Governance and Territorial Development including plans for an OECD Observatory of Public Sector Innovation.</i>	Presentation
	c)	<i>The Secretariat and Mr. Carter Bloch will outline proposals for continuing the NESTI work on measuring public sector innovation.</i>	DSTI/EAS/STP/NESTI(2012)8
		Action required: Delegates will be asked to note and comment on proposed work to be carried out in 2012 and in the 2013-2014 PWB.	
13:00-14:30		<i>Lunch break</i>	
14:30-16:00	10.	Measuring emerging and enabling technologies	
	a)	<i>Findings from the review of the Technological Balance of Payments database</i>	DSTI/IND/WPGI(2012)3
		<i>The Secretariat of the Working Party on the Globalisation of Industry (WPGI) has carried out a review of the TBP database and will share the key findings with NESTI.</i>	
		Action required: NESTI delegates are invited to note and comment on the findings from the review.	
	b)	<i>Update on bibliometric and patent-based indicators at OECD</i>	Oral presentation
		<i>The Secretariat will provide an update of recent indicators and analysis based on scientific publications and patent data.</i>	
		Action required: For information.	
	c)	<i>Overview of technology-related work in the CSTP PWB</i>	Oral presentation
		<i>The Secretariat will provide an update on relevant ongoing and planned work across other CSTP bodies.</i>	

Action required: Delegates are invited to **note** developments and potential measurement and analytical needs.

- d) ***Update on progress and recommendations by the Task Force on Measuring Emerging, Enabling and General Purpose Technologies***

[DSTI/EAS/STP/NESTI\(2012\)9](#)

Professor Leonid Gokhberg (HSE, Russian Federation) and Mr Giulio Perani (ISTAT, Italy) from the NESTI Task Force will present a number of key principles for collecting data on technology development and adoption for statistical purposes and set out plans for completing and implementing a statistical framework for measuring enabling technologies.

Action required: NESTI delegates are invited to **consider** the proposals made by the Task Force and **comment and agree** on next steps and further work in this area within the 2013-2014 Programme of Work.

16:00-16:30

Coffee break

16:30-18:00

11. **Measuring human resources for research, science and technology**

- a) ***Update on the Task Force on FTE estimation***

[DSTI/EAS/STP/NESTI\(2012\)10](#)

The Secretariat and Prof. Gokhberg from the Russian Federation will present the results of stock taking work carried so far and set out draft recommendations for estimating FTE human resources devoted to research.

Action required: Delegates are invited to **comment** on the progress and the proposed draft recommendations.

- b) ***Status of the project on the Career and Mobility of Doctorate Holders***

[DSTI/EAS/STP/NESTI\(2012\)11](#)

Action required: Delegates are invited to **note** the interim results from this project and **comment** on its progress and next steps.

- c) ***Discussion on the future of Human Resources for S&T data collection and reporting at OECD***

Room document

Action required: Delegates are invited to express their priorities on the future work on HRST within the 2013-14 programme of work. In particular, they should **decide** whether a new collection on CDH indicators should be carried out.

Wednesday, 6 June 2012

<i>Indicative Timing</i>	<i>No.</i>	<i>Item</i>	<i>Documents</i>
9:30-10:45	12.	Public support for R&D and innovation	
	a)	<p><i>New data collection on modes of public funding</i></p> <p><i>Mr. Jan Van Steen (Rathenau Institute, The Netherlands) will present the proposed new data collection on modes of government direct funding of R&D.</i></p> <p>Action required: Delegates will be asked to provide comments on the approach and agree to participate in a new data collection on modes of funding of R&D.</p>	DSTI/DOC(2012)X DSTI/EAS/STP/NESTI(2012)12
	b)	<p><i>Timely measures of public funding of R&D</i></p> <p><i>The Secretariat conducted a review of complementary budgetary sources that could provide a more timely picture of the direction of direct public funding for R&D.</i></p> <p>Action required: Delegates will be asked to note the results of the analysis, comment on its potential implications and propose steps to improve the timeliness of budget-based data.</p>	DSTI/EAS/STP/NESTI(2012)1
	c)	<p><i>R&D tax incentives</i></p> <p><i>The Secretariat will provide a summary description of the key findings of the last data collection and will set out plans for a new data collection in 2012.</i></p> <p>Action required: Delegates are asked to consider last year's questionnaire and discuss data and information availability with their own national sources and submit the information to the Secretariat at least one week ahead of NESTI.</p>	DSTI/EAS/STP/NESTI(2012)13
	d)	<p><i>Contribution to the PWB 2013-14 and priorities for reviewing guidelines</i></p> <p><i>The Secretariat will list proposed contributions to the CSTP PWB and set out a list of options for reviewing OECD guidelines on the measurement of public support.</i></p> <p>Action required: Delegates will be asked to indicate their preferences for and availability to undertake new work on reviewing measurement guidelines in 2012 and the 2013-14 PWB.</p>	Presentation

10:45-11:00	<i>Coffee break</i>	
11:00-12:00	13. Indicators of knowledge flows	
	a) <i>Survey of Commercialisation of Knowhow Companies at Research Universities</i>	Presentation
	Presentation by the Israeli delegation.	
	b) <i>Presentations by delegations</i>	Presentation
	c) <i>Compendium of indicators on knowledge flows</i>	DSTI/EAS/STP/NESTI(2012)14
	<i>The Secretariat will provide an outline of the proposed compendium of indicators on knowledge flows and a request for countries to share information and published indicators on selected areas of interest.</i>	
	Action required: Delegates will be invited to share their national experiences in developing indicators of knowledge flows and agree to submit responses to the draft questionnaire and request for published national results to feed into the Compendium.	
12:00-13:00	14. Implementing the NESTI 2013-2014 Roadmap and beyond – first steps	Presentation Room document
	<i>The Secretariat will present a number of possible options for undertaking the proposed activities, in particular the revision of NESTI guidelines, based on the comments received from delegates prior to and throughout the meeting.</i>	
	Action required: NESTI delegates will be asked to agree on priorities for implementing its contribution to the CSTP PWB for 2013-14 and set out their likely contribution to the work.	
13:00	15. Summary of main actions and dates of next meeting	
	<i>The Chairman will summarise the main conclusions and action points of the meeting.</i>	
13:10	Close of official meeting	

Wednesday 6 June 2012 – Afternoon

14:30-17:00

NESTI Advisory Board Workshop: “Developing Science, Technology, and Innovation Indicators for the Future - the Importance of International Comparability”

[DSTI/EAS/STP/NESTI/AH/A\(2012\)2](#)

NESTI delegates are invited to participate in a special workshop to discuss the process by which countries prioritise amongst STI indicators and the role that international comparability plays in that decision. The Workshop, co-organised with the US National Academies, is set out to assess and provide recommendations regarding the need for revised, refocused, and newly developed indicators designed to better reflect fundamental and rapid changes that are reshaping global science, technology and innovation (STI) systems.

The workshop, chaired by Professor Fred Gault, will comprise presentations by:

- National Academies Panel on Developing STI indicators for the Future
- the OECD Secretariat
- Delegates to NESTI from observer economies and international organisations

An agenda will be circulated in advance to NESTI delegates.

Delegates wishing to participate are asked to register separately for this event using EMS or contacting directly Catherine.bignon@oecd.org and Chrystyna.harpluk@oecd.org .