

Agenda Item 14.

Proposal for a Common Question Set of Research Outcomes (WG3: Evaluation)

Based on the “Research Outcomes Common Question Set” generated by Research Councils UK and RAND Europe in order to standardise the collection of research outputs, outcomes and impacts information, and including through the Researchfish system¹.

In this proposal, the “research outputs” have been classified depending on the target group that would benefit the most from them:

Common questions/output types:

UTILITY OUTPUTS FOR POLICY MAKERS:

1. Influence on Policy, Practice, Patients & the Public

- Provide short title or name
- Type/method of influence (choose from the following multiple-choice answers):
 - o Influence training of practitioners or researchers
 - o Citation in clinical guidelines
 - o Citation in clinical reviews
 - o Citation in other policy documents
 - o Citation in systematic reviews
 - o Membership of a guidance committee
 - o Participation in national consultation
 - o Participation in advisory committee
 - o Gave evidence to a government review
 - o Implementation circular / rapid advice / letter to e.g. Ministry of Health
- If clinical guidelines selected (choose from the following multiple-choice answers)::
 - o Title
 - o Publication which has been cited.
 - o Enter area of healthcare
 - o Name of organisation issuing guideline.
- If “citation”, enter the publication which has been cited.
- Year was first realised.
- Option that best geographically represents the extent of this influence on policy or practice (choose from the following multiple-choice answers)::

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- Local/municipal/regional
- National
- International
- Has this influence on policy led to any of the following impacts? (choose from the following multiple-choice answers):
 - Improvements in survival, morbidity or quality of life
 - Changes in efficiency and effectiveness of public service delivery
 - Improved accessibility of public services
 - Improved regulatory environment
 - Economic impacts
 - Improved educational and skill level of workforce
 - Changed public attitudes on social issues
 - Effective solutions to societal problems
 - Improved environmental sustainability
 - No impacts yet
 - Not known
- Brief description of the reach and significance of the impact, such as quantitative information regarding the benefits (increases in survival, quality of life, decreases in incidence, improvements in clinical service delivery, economic impacts etc.
- URL which relates to this influence on policy

2. Further funding

- Title of the funding scheme.
- Name of the organisation that provided the funding.
- Type (choose from the following multiple-choice answers)::
 - Research grant (including intramural programme)
 - Fellowship
 - Studentship
 - Capital/infrastructure (including equipment)
 - Travel
- Value of the funding pledged/received
- Grant/award reference number
- Start date
- End date

UTILITY OUTPUTS FOR SCIENTISTS:

3. Publications

Types of publications as follows (choose from the following multiple-choice answers):

- Book
- Book chapter
- Book edited
- Conference/paper/proceeding/Abstract
- Journal Article/Review
- Manual/Guide
- Monograph
- Policy briefing report
- Technical Report
- Technical Standard
- Thesis
- Other
- Consultancy Report
- Working paper

4. Research Tools & Methods (e.g. Biological samples, cell lines, technology assay or reagent.....)

- Short name for this research tool or method.
- Brief description of the research tool or method.
- Have you provided this research tool or method to other research groups?
(YES/NO/NA)
- Briefly describe any notable impact(s) resulting from the development of this research tool or method.
- URL which relates to this research tool or method

5. Research Databases & Models

- Short name
- Type (choose from the following multiple-choice answers):
 - o Database/Collection of data
 - o Data analysis technique
 - o Computer model/algorithm
 - o Data Handling & Control
- Brief description.
- Have you provided this research database or model to other research groups?
(YES/NO/NA)
- Brief description of any notable impact(s).
- URL which relates to this research database or model

6. Use of Facilities & Resources

- Name of the facility
- Briefly note the services provided or the nature of the resource shared through this (e.g. Beamline time, Training, access to NMR machine, shared dataset etc.)
- Time-frame you have been using this service/facility/centre
- Note any subsequent impacts from this work.

- URL

7. Engagement activities

- Title: e.g. School Visit, Virology conference
- The role played by you or a member of your team in the activity (choose from the following multiple-choice answers):
 - A formal working group, expert panel or dialogue
 - A talk or presentation
 - A magazine, newsletter or online publication
 - Participation in an activity, workshop or similar
 - Participation in an open day or visit at my research institute.
 - A press release, press conference or response to a media enquiry/interview.
 - Scientific meeting (conference/symposium etc.)
- If Scientific meeting, indicate the kind of presentation made (choose from the following multiple-choice answers):
 - Keynote/Invited Speaker
 - Paper Presentation
 - Poster Presentation
 - Workshop Facilitator
- Geographical "reach" of this activity (choose from the following multiple-choice answers)::
 - Local
 - Regional
 - National
 - International
- Who was the primary audience? (choose from the following multiple-choice answers):
 - Schools
 - Participants in your research and patient groups
 - Media (as a channel to the public)
 - Policymakers/parliamentarians
 - Professional Practitioners
 - Public/other audiences
 - Supporters
 - Undergraduate students
 - Postgraduate students
 - Other academic audiences (collaborators, peers etc.)
- Year(s)
- Main purpose of this activity (choose from the following multiple-choice answers):
 - To share information
 - To stimulate thinking
 - To improve understanding of others thinking
 - To inform decision making

- To make decisions
- Briefly describe the results of or any notable impacts
- What do you consider was the most important impact of this activity?
 - Increase in requests for further information
 - Increase in requests about (further) participation or involvement
 - Plans made for future related activity
 - Audience reported change in opinions or behaviours
 - Own/colleagues reported change in opinions or behaviours
 - Decision made or influenced
 - Not aware of any impact
- URL relates to this activity

UTILITY OUTPUTS FOR INDUSTRY, CLINICAL PRACTICE AND STAKEHOLDERS:

8. Intellectual Property & Licensing

- Name or title of the discovery/development
- Select the phrase that best describes the protection this discovery/development has received (choose from the following multiple-choice answers):
 - Copyright (e.g. software)
 - Patent application published
 - Patent granted
 - Trade Mark
 - Protection not required
- If patent application published or patent grants selected (choose from the following multiple-choice answers):
 - Patent publication number
 - Year in which this protection was received
- Brief description of the discovery/development.
- Has this intellectual property been formally licensed to others on a commercial or non-commercial basis? (YES/NO/COMMERCIAL IN CONFIDENTIAL)
- Brief description any notable impact(s) (other than licensing) that have arisen from this discovery/development.
- URL relates to this intellectual property or license

9. Spin Outs

- Name of the company
- Registration number
- In which country is the company primarily based?
- In which year was the company established?
- Brief description of the company
- Brief description of any notable impact(s)

- URL

10. Software & Technical Products

- Short title or name
- Type (choose from the following multiple-choice answers):
 - o Web tool/application
 - o Software
 - o e-business platform
 - o Grid application
 - o Physical model/kit
 - o New material/compound
 - o New/improved technique/technology
 - o Systems, Materials & Instrumental engineering
 - o Detection Devices
- Brief description
- Year that this output was realised.
- Brief description of any notable impact(s)
- URL

11. Medical Products, Interventions and Clinical Trials

- Short name
- Development stage (choose from the following multiple-choice answers):
 - o Initial development
 - o Refinement - Non-clinical
 - o Refinement – Clinical
 - o Early clinical assessment
 - o Late clinical evaluation
 - o Market authorization
 - o Small-scale adoption
 - o Wide-scale adoption
- Has the medical product or intervention been tested via a clinical trial? (YES/NO/Not applicable). If yes, enter the reference ID.
- Year in which this development stage was completed.
- Brief description of the medical product or intervention
- Brief description of any notable impact(s) arising (can include impacts arising from the development process)
- URL

12. Staff members mobility and achievements

- Did any of your staff members moved to another country during the research (secondments)?

- Select any qualifications gained by your staff in the course of working as part of your team (choose from the following multiple-choice answers):
 - Master's degree
 - MD
 - PhD
 - EngD
 - Other

13. Other Outputs & Knowledge/Future Steps

- In what ways might your research benefit society and/or the economy?

Proposal of Additional questions²:

- Have you met your original objectives? (YES/NO/PARTIALLY)
- If no/partially, please choose one or more reasons(choose from the following multiple-choice answers): :
 - Experimental, methodological or technical issues
 - Staffing matters (e.g. skills shortages, recruitment delays, unexpected extended leave or departure of staff)
 - Access to archives, data or participants
 - Other resourcing issues (e.g. difficulty/delay in securing key equipment)
 - Unrealistic initial objectives
 - Higher than anticipated risk levels
 - Changing landscape of research programme
 - Regulatory issues
 - Difficulties with collaborative partners
- Expand on why you have not met your original objectives if you wish to
- In what ways might your findings be taken forward or put to use by others?

² To be asked only at the closure of the projects