

The International School on Research Impact Assessment

# RESEARCH IMPACT ASSESSMENT PLAN — USER GUIDELINES Version 1.0

A guide for completing the Research Impact Assessment (RIA) Plan Template and the Research Impact Assessment (RIA) Plan Matrix Table.

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# **Research Impact Assessment**

### Introduction

Assessors (evaluators), programme managers and staff can use these *User Guidelines* to develop or revise an individualised plan for assessing research impact. In particular, programme managers can use the guidelines to describe the outline of a plan to assessors; trained assessors (including programme managers trained in assessment) can then add detail to the plan and implement it.

These guidelines accompany the *Research Impact Assessment Plan Template* (a blank template that you can use to create your research impact assessment plan) and the *Research Impact Assessment (RIA) Plan Matrix Table* (a table that links the blocks together). The guidelines are based on well-established principles, evidence and good practices, and prompt you to review a number of considerations. These considerations include a number of tasks with accompanying rationale to enhance the quality of the plans developed.

The Research Impact Assessment Plan — User Guidelines, the Research Impact Assessment Plan Template, and the Research Impact Assessment (RIA) Plan Matrix Table are part of The International School on Research Impact Assessment's tool kit for assessing research impact. This is the first version of the guidelines and it is hoped that participants of the School will collectively use their knowledge and experience to update and improve these guidelines on an ongoing basis.

### Purpose

There are four general purposes for assessing research impact<sup>1</sup>:

- Advocacy. To demonstrate the benefits of supporting research, enhance understanding of research and its processes among policymakers and the public, and make the case for policy and practice change.
- Accountability. To show that money and other resources have been used efficiently and effectively, and to hold researchers to account.
- Analysis/Learn how to improve. To understand how and why research is effective and how it can be better supported (or allocated), feeding into research strategy and decision making by providing a stronger evidence base.
- Allocation. To determine where best to allocate funds in the future, making the best use possible of a limited funding pot.

<sup>&</sup>lt;sup>1</sup> RAND Europe, 2013, Measuring research: A guide to research evaluation frameworks and tools.



# **Definitions**

Definitions of key terms are as follows.

**Research** and experimental development (R&D) comprise creative work undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of man, culture and society, and the use of this stock of knowledge to devise new applications.<sup>2</sup>

**Outcome evaluations** address questions about the extent to which the programme achieved its resultsoriented objectives. This form of evaluation focuses on examining outputs (goods and services delivered by a programme) and outcomes (the results of those products and services) but may also assess programme processes to understand how those outcomes are produced.<sup>3</sup>

**Impact assessment** assesses the changes that can be **attributed** to a particular intervention, such as a project, programme or policy, both the intended ones, as well as ideally the unintended ones<sup>4</sup>. Many desired outcomes of programmes are influenced by external factors, including other national, regional, and local programmes and policies, as well as economic or environmental conditions. Thus, the outcomes observed typically reflect a combination of influences. To isolate the programme's unique impacts, or contribution to those outcomes, an impact study must be carefully designed to rule out plausible alternative explanations for the results<sup>3</sup>.

**Monitoring** is the systematic process of collecting and recording information on the progress and direction of ongoing actions, generated mainly for management purposes<sup>5</sup>.

**Evaluation** is the process by which the quality, implementation, target relevance and impacts (outcomes) of programmes are investigated, interpreted and examined.<sup>5</sup>

Assessment is the synthesis of facts, which arise from the evaluation process, and judgments.<sup>5</sup>

<sup>&</sup>lt;sup>2</sup> (OECD (2002) Frascati Manual: proposed standard practice for surveys on research and experimental development, 6th edition. from <u>www.oecd.org/sti/frascatimanual</u>

<sup>&</sup>lt;sup>3</sup> U.S. GAO, 2012. Designing Evaluations: 2012 Revisions, **GAO-12-208G.** 

<sup>&</sup>lt;sup>4</sup> World Bank

<sup>&</sup>lt;sup>5</sup> Report to the European Commission, Options and Limits for Assessing the Socio-Economic Impact of European RTD Programmes, by the Independent Reflection Group, 1999.

# Test

# **Developing Your Research Impact Assessment Plan**

# Background

A RIA plan is general in nature and can be tailored to a broad range of contexts and to a variety of assessment audiences such as programme staff, end users of your programme, or funding decision makers. It can be applied to different levels of analysis; for example, programme, organisation, or multisite initiative. The word "programme" is used throughout this document to refer to all of these levels. When you complete the accompanying template, you specify the name of the programme and describe it. The template allows for assessing the programme at one or multiple points in a programme life cycle. The plan requires tailoring to a particular programme, purpose and assessment questions and requires the assessor to consider programme and assessment context, time frames and various stakeholder requirements.

Applying the plan requires critical thinking skills and a needs-based approach appropriate to the assessment purpose(s). These guidelines should be considered as a tool designed to complement these types of skills and not replace them.

Consider the plan as a living document that can be updated during the assessment time frame. If the programme to be assessed is complex or large in scope, the expectation is that only a portion of an assessment plan can be completed during the School.

# **Developing a Quality Plan**

Your plan should:

- Provide an accurate, concise and coherent description of the programme.
- Explain what assessment work is being planned and how the work will be accomplished.
- Consider and be consistent with the programme's content, lifecycle stage and stakeholder needs.
- Have a logical flow with linkages between the elements (evaluation purpose, questions, indicators, design and analysis plans).
- Have overall statements that are clear, concise and understandable to different stakeholder groups.
- Be based on known evaluation practice for similar programmes.
- Follow acceptable professional evaluation standards.



# **Building Blocks of an RIA Plan**

The template divides the plan into six building blocks. The blocks are not always linear and are iterative in nature (going back and forth) between the blocks.

Six Building Blocks	Rationale
1: Describe the Context	Programmes are different sizes, complexity and scope. Assessments also have different characteristics, such as formative/summative, or quantitative/ qualitative. This context informs choices for assessment purpose and questions to be answered.
2: Identify Assessment Purpose	Stakeholders have different perspectives and different needs for information depending on, among other things, what decisions will be informed by the assessment. Purpose suggests the high- level general questions that must be answered.
3: Identify Indicators of Success	Specific questions to be answered will include a sequence of outcomes and how the programme activities might lead to these outcomes. Questions drive what indicators need to be collected to answer those questions. Indicators can be both quantitative and qualitative.
4: Select the Design and Methods	Design can be selected from the typical ways of answering impact questions, such as comparing against a standard or collecting data before and after an intervention. The design and methods chosen need to be appropriate to the assessment questions.
5: Collect, Analyze and Manage Data	How to collect the necessary data and how to analyze it is driven by the method or methods chosen, but this has to be described in some detail. This block may suggest changes in previous blocks as details reveal what is and is not possible.
6: Report and Use	The findings of the assessment are reported accurately and in detail, but some audiences may not want a full report. Therefore, reporting may need to be in different formats and in different levels of detail in order to reach multiple audiences and influence them to use the results of the assessment.

#### **Block Sections**

The six building blocks are divided into sections. Each section contains a prompt for what to include, why it is important and quality considerations.

Six Building Blocks	Sections
1: Describe the Context	1.1 Programme and Assessment Context
	1.2 Programme Unit of Analysis
	1.3 Programme Stage and Time Frames for Assessment
	1.4 Desired Characteristics of the Assessment



Six Building Blocks	Sections
2: Identify Assessment Purpose	2.1 Which Stakeholders Want the Impact Assessment
	2.2 Assessment Purpose(s) for Each Stakeholder
	2.3 General Assessment Questions Including Impact Categories
3: Identify Indicators of Success	3.1 Programme Theory
	3.2 Specific Assessment Questions
	3.3 Indicators of Success(quantitative and qualitative)
4: Select the Design and Methods	4.1 Assessment Design
	4.2 Methods and Data Sources
	4.3 Applicants for Data and Frequency
5: Collect, Analyze and Manage	5.1 Data Collection and Analysis
Data	5.2 Data Management
6: Report and Use	6.1 Reporting and Use

# **Considerations for Each Block and Section**

Each section has questions for you to consider and prompts for potential source information to help you complete your plan. Make your choices based on your assessment purpose(s) and questions. Use the six block approach to create and develop your plan step by step.

<b>Block and Section</b>	Considerations
Title Page	This is the general administrative information that appears on the title page of
	an assessment plan.
1: Describe the Contex	t
1.1 Programme and	Provide a brief description of the programme and context.
Assessment	
Context	Consider the following as applicable to your programme:
	Why the programme exists
	• What problem(s) the programme is going to address
	Funding sources
	Target population
	SOURCES Strategic plan, operational plan, vision, mission statement, logic model
	or strategy map.
	<b><u>TIPS</u></b> Be specific, clear, concise and understandable about programme goals and
	how these will be achieved; working with which major partners to benefit what
	specific stakeholder groups.

Block and Section	Considerations
1.2 Programme Unit	Identify the programme's unit of analysis.
of Analysis	
	Consider the following levels:
	Research system
	Field or area of research
	Institution
	Department or programme
	Research group
	Project
	Researcher
	<b>Sources</b> Programme plans, programme guides, evaluation requirements. TIPS Generally, impact assessment is seldom done at levels smaller than group. Think about the level at which the information will be used.
1.3 Programme Stage	Programme Stage
and Time Frames	Describe and identify the stage of development the programme is in its life cycle
for Assessment	(e.g., how many years the programme has been in place without major changes in goals or strategies).
	Consider the following stages:
	New (recently developed)
	<ul> <li>Stable (operational for a number of years)</li> </ul>
	Mature (well established for a number of years)
	Time Frames for Assessment
	Consider the approximate programme time frames (according to your
	assessment time frames):
	<ul> <li>1–4 years after outputs produced</li> </ul>
	• 5–10 years after
	• 10-20+
	SOURCES Programme plans, programme guide, evaluation requirements.
	TIPS Impact assessment implies there has been time for outcomes to occur.
	However, waiting 20 years to assess impacts means it is challenging to trace
	from the programme to its impact but can also offer interesting insights for policy.

<b>Block and Section</b>	Considerations
1.4 Desired Characteristics of the Assessment	Identify the desired characteristics that are required for the assessment, as best you know these.
	Consider the following characteristics:
	Single Programme or Comparison
	• Formative (early, to modify implementation) or Summative (after, to determine what happened)
	Quantitative or Qualitative or Both
	Prospective or Retrospective
	<ul> <li>Snap Shot in Time or Longitudinal (multiple years)</li> </ul>
	<ul> <li>Level of Defensibility (High–Low)</li> </ul>
	Cost Burden (costs and researcher time)
	Time Constraints for Completion
	Other (please specify)
	<b>SOURCES</b> Programme plans, previous assessments, assessment requirements, stakeholder communications.
	<b>TIPS</b> Typically there are constraints on budget and time. Consequently, tradeoffs
	are necessary as it is not possible to have better, faster, and cheaper all at once.
	If data has been collected previously, more can be done during this assessment.
2: Identify Assessment	t Purpose
Overall	Who needs to know what, and why?
2.1 Which	Identify all stakeholders (people/organisations) who will be primary users of the
Stakeholders	assessment and describe the stakeholders (name, level of influence on your
Want the Impact Assessment	programme plans, budget, and implementation).
	Examples of stakeholders include:
	Funders
	Donors
	Universities
	Researchers
	Health Organisations
	Industry
	Programme managers
	Frequency for research impact assessment:
	annually (rare)
	every other year
	every 3 to 5 years, etc.
	<b>SOURCES</b> Stakeholder analysis, assessment requirements, meetings with senior managers or staff.
	<b>TIPS</b> You may have to prioritise if there are multiple stakeholders with different information needs.

<b>Block and Section</b>	Considerations
2.2 Assessment	Describe and choose the main purposes for the assessment. How will the
Purpose(s) for	stakeholders use the results and how frequently do they need the data?
Each Stakeholder	
	Consider the following:
	Accountability
	Analysis
	Advocacy
	Allocation
	Other purpose, please specify
	Provide details (what and why) for those selected above.
	SOURCES Programme documents, governance documents, assessment
	requirements, communication with stakeholders.
	<u><b>TIPS</b></u> An impact assessment can cover multiple purposes; however, multiple purposes are usually more costly and difficult.
2.3 General	Describe and choose the key general/high-level assessment questions that
Assessment	stakeholders need to know depending on the purpose(s) of your assessment.
Questions	
Including Impact	One group of general/high level questions related to what outcomes/impacts
Categories	have occurred?
	<ul> <li>What outcomes have occurred?</li> </ul>
	<ul> <li>What application, adoption, progress toward social or economic</li> </ul>
	outcomes have occurred (intermediate outcomes)?
	What health/other sector, social or economic outcomes have occurred?
	Examples of outcomes/impact:
	• Science Outcomes: areas of focus where the programme hopes to
	affect how the research is done, such as increased research capacity,
	new research tools, more collaboration with practitioners, etc.
	<ul> <li>Application/Adoption Outcomes: specific effects coming after the</li> </ul>
	science outcomes and before the health, social or economic outcomes,
	such as use in development of a new product or a change in policy,
	clinical practice, areas
	Health, Social or Economic Outcomes: areas beyond the research
	community the programme hopes to affect, such as health status or economic development
	The key questions also include one or more of these typical questions:
	• How do observed outcomes/impacts compare to what was expected (a
	target, standard, etc.)?
	• What impact can be attributed to the programme?
	<ul> <li>How do programme outcomes/impacts compare with similar</li> </ul>
	programmes?
	How might impact be improved?



<b>Block and Section</b>	Consider	rations								
	Research Impact Assessment (RIA) Plan Matrix Table									
	Block 2	Block 3		Block 4			Block 5	Block 6		
	1. General Assessment	2. Specific Assessment	3. Indicators	4. Methods/Data Sources	5. Applicants	6. Frequency	7. Person Responsible	8. Use & Target		
	Questions	Questions						Audience		
	assessme <u>TIPS</u> The o	ent requir questions ng on reso	ements. s should b	nentation, stakel e responsive to ou may have to p	your asse	essment p	ourpose(s	-		
3: Identify Indicators										
Overall	<ul><li>purpo</li><li>What quest</li></ul>	purpose of the assessment.								
3.1 Programme Theory	Typically at this point you would describe the programme logic and anticipated key strategies/actions that your programme has for achieving its impacts. However, given limited time, this will be done partially as you define a set of specific questions across a generic research logic model. If you have brought a programme logic model or strategy map with you, you can refer to it.									
3.2 Specific Assessment Questions	research model or general h Examples Science C • H • H • H • H • H • H	logic mod strategy igh-level :: Dutcomes las high-c lave we a lave new lave new lave new lave new lave new lave new las our re	del provid map. To t questions quality res dvanced research rained gra collabora is the rese esearch in	essment questio ed or use your o hat, add specific s (such as <i>How d</i> eearch been don knowledge and p tools, technique aduate students, tions, communit earch environme formed, changed emed by our pe	e? o we con e? oublished s, facilitie workfor ties of pra ent? d the rese	ramme to ns for the <i>npare?</i> ). I? es been d ce? actice bee earch age	eveloped en formed	as logic plicable l or built		
	Applicati • H • H • H	on/Adop lave desii las fundir lave we c roductio	tion Outo red chang ng been le contribute n/collectio		ehaviours nowledge zation?	base, inf	d? ormatior			



Block and Section	Considerations									
	developm	development and commercialization?								
	<ul> <li>Have our research results informed government policy, programmes?</li> </ul>									
			esults informed	-	•					
			esults influence	• •	-	•	α			
		inical prac			specific ci	lialiges (e	··5·/			
	change ch	inical plac								
	Health, Social, Ec	onomic Ou	itcomes							
			esults helped in	onrove he	alth ctati	162				
			esults helped in	•			sts atc 2			
	• Have our	research	esuits neipeu in		1003, j003,		515, 610.:			
	Research Impact	Assessme	nt (RIA) Plan Ma	atrix Tabl	e					
	Block 2 Block 3		Block 4		-	Block 5	Block 6			
	1. General 2. Specific	3. Indicators	4. Methods/Data Sources	5. Applicants	6. Frequency	7. Person	8. Use &			
	Assessment Assessment Questions Questions					Responsible	Target Audience			
			a.	ļ	ļ	ļ	ļ ļ			
	Sources Program	me docum	entation, asses	sment red	quiremen	its, progra	amme			
	-	<b>SOURCES</b> Programme documentation, assessment requirements, programme logic or strategy map, logic modeling tools, stakeholder communications.								
		TIPS Existing or requested indicators can be a source for questions (Has X								
	happened?) or to	ols of logic	modeling such	as asking	"IfTher	n" as you	move			
	from outputs to a	-	-	-		-				
3.3 Indicators of	Define indicators	for each s	pecific question.	You will	find ideas	s in those	9			
Success	provided for the g	generic res	earch logic mod	lel.						
	Make each indica	tor measu	rable. For exam	ple:						
	A number	• A number								
	A percent change									
	• State of being, as measured by an expert panel, a survey									
	<ul> <li>Change in perception based on key informant interviews, etc.</li> </ul>									
	Select a smaller balanced set of indicators for inclusion in your plan. Balance									
	means a set of indicators across your programme in order to link outcomes to									
	activities and decrease perverse incentives that can accompany measurement.									
	Look at data availability.									
	• Link to desired outcomes. And at least one should link to goals in the									
	organisat	ional/repo	rting hierarchy.							
	Communi	cate well.	Simple to repor	t and und	lerstanda	ble; help	the			
	public une	derstand h	low the program	nme is do	ing.					
			in costs. Be sure	benefits	of measu	iring it ar	e greater			
	than the d									
	-		the right way, o	or pervers	se effects	are offse	et by			
		ndicator in								
	Is there a	n indicato	r that may cause	e inappro	priate bel	havior, ar	nd if so, is			



Block and Section	Cons	iderations						
	•	as quantity) A Balanced and drives p	? Set/Scor performa all aspec	ecard tells a brid ecard tells a brid ince the right wa cts of the progra	ef, convir ay by mea	ncing perf asuring th	formance ne strate	e story gies and
	Resea Block 2		sessmer	nt (RIA) Plan Ma Block 4	trix Tabl	e	Block 5	Block 6
	1. Gener Assessm Question	al 2. Specific 3 ent Assessment	3. Indicators	4. Methods/Data Sources	5. Applicants	6. Frequency	7. Person Responsible	8. Use & Target Audience
	previe TIPS D progr mode come	ous assessmen OO NOT pick in amme and the ling or strateg	ts, orgar dicators strategi y maps o Ill set of	r strategy map, e nisational and pr without thinking es for achieving or some other to key (most impor	ogramm g through them, w ol to do	e manage n the goal hether yc that. This	ement re ls of the ou use log is how y	ports. gic ou will
4: Select the Design an	1		Jectives.					
Overall				e used in order		-	estion(s)?	
4.1 Assessment Design	<ul> <li>What methods are you selecting to support the design?</li> <li>Describe and identify the design type (e.g., pre post design) by assessment questions, considering the rigor required for audience, budget and time frame to answer.</li> </ul>							
	Туріс			ipact assessmen		esian	S	
		Assessment			n Designs	- gi		
	Outcome Only	Questions Is the programme achieving its desired outcomes or having other important side effects?	program expecta • Assess exposu • Assess	re programme performa nme logic model, professi tions change in outcomes for p e to the programme differences in outcomes <b>t</b> n participants	onal standards articipants <b>be</b>	s, or stakehold fore and after		
	Impact – Attribution	Is the programme responsible for (effective in) achievin improvements in desired outcomes?	<ul> <li>Comparing a group a expering</li> <li>Comparing comparing</li> <li>Comparing comparing</li> <li>Comparing comparing</li> <li>Comparing comparing</li> </ul>	re (change in) outcomes f nd a nonparticipating <b>cor</b>	or programme hed to them o nent) or participants	andomized cor participants a n key characte before and a	ntrolled and a pristics <b>fter</b> the	
		Source: U.S. Governmen GAO-12-208G.	t Accountability	Office (GAO). 2012. DESIGN	ING EVALUATIO	ONS: 2012 Revis	ion,	



Block and Section	Consi	iderations							
	SOURCES Previous similar assessments, evaluation requirements, evaluation								
		poks and guides							
			least rigorous is compa			tions.			
			random controlled tria s very challenging for re		-	nost			
			more feasible in the co		•	post			
	-	sment.							
I.2 Methods and Data Sources		•	e methods that are mos I design. Choose metho		•				
Data Sources			of defensibility you nee	-					
			each and select depend						
		required.							
	Exam	ples of common	methods for the comm	ion designs are:					
		Comm	on design a	nd metho	she				
		Assessment	Common Designs	Likely Me					
		Question	Common Designs		linous				
		Is the programme	Compare programme performa						
		achieving its desired outcomes or having other important side effects?	to standard or expectations	Surveys or interv	Expert review; case study     Surveys or interviews				
	<u>ب</u> ہ		Assess change before and after the		Anecdotes, Self reporting     Pre, post bibliometrics				
	Stronger Evidence	enects:	programme intervention	<ul> <li>Pre, post, or pos with statistical ar</li> </ul>	t only Surveys				
	Stronger Evidence		Assess differences between participants and non participant	Surveys, intervie	•				
		Is the programme	Compare (change in) outcome		n bibliometrics				
		responsible for (effective in) achieving	participants and a comparison group	<ul> <li>Case study</li> <li>Surveys</li> </ul>					
		improvements in desired outcomes?	Compare (change in) outcome	s for • Econometric stu					
	↓		participants before and after th intervention, over multiple poin	andpossibly					
			time with statistical controls		interviews				
	Identi	•	ces for each method, co	•					
	•		urces are available (inte , such as Web of Scienc						
	•	-	urces need to be develo			Ч			
			ces, (data collected dire	• • •					
	•		urces (collected by othe		-				
		purchase).							
Re	Resea	irch Impact Asse	essment (RIA) Plan Mat	rix Table					
		Block 3	Block 4		Block 5	Block 6			
	Block 2								
	1. Genera Assessme	ent Assessment	ndicators 4. Methods/Data Sources	5. Applicants 6. Frequency	7. Person Responsible	8. Use & Target			
	1. Genera	ent Assessment	ndicators 4. Methods/Data Sources	5. Applicants 6. Frequency					
	1. Genera Assessme	ent Assessment	ndicators 4. Methods/Data Sources	5. Applicants 6. Frequency		Target			



Т

Block and Section	Considerations						
	SOURCES U.S. GAO 2012; RAND Measuring Research 2013 review of each						
	method/tool, U.S. Department of Energy, R&D Methods Guide; evaluation text						
	books.						
	<b><u>TIPS</u></b> Plan ahead! Get a baseline early in the programme so that you can						
	compare pre and post. Remember to compare apples to apples and choose a						
	comparison group carefully if that is the appropriate design selected.						
4.3 Applicants for	Who will be asked for data and when? For each assessment question, identify						
Data and	the population of interest or sample (as appropriate) and the frequency for data						
Frequency	collection.						
	Some examples:						
	<ul> <li>Annually collect publications of all full-time technical faculty</li> </ul>						
	Interview at least 12 subject matter experts, once during programme						
	Surveys to a random sample of grantees, once during programme						
	Checklist						
	<ul> <li>Consider administration burden on the applicants</li> <li>Determine whether you will collect data from all applicants or a sample</li> </ul>						
	Determine whether you will collect data from all applicants or a sample						
	<ul> <li>If using a sample, consider sampling strategies and response rates</li> <li>Based on your design choices (e.g., pre post comparison design),</li> </ul>						
	consider how frequently data needs to be collected and whether it						
	needs to be linked across different periods of time						
	<ul> <li>Develop a protocol for collecting data from different applicants (e.g.,</li> </ul>						
	clients, researchers, patients, etc.)						
	Research Impact Assessment (RIA) Plan Matrix Table						
	Block 2 Block 3 Block 4 Block 5 Block 6						
	1. General     2. Specific     3. Indicators     4. Methods/Data Sources     5. Applicants     6. Frequency     7. Person     8. Use & Responsible       Assessment     Assessment     Assessment     Assessment     5. Applicants     6. Frequency     7. Person     8. Use & Responsible						
	Questions         Audience						
	SOURCES Programme records of partners and participants, subject matter experts, evaluation guides. TIPS Consider the burden on the applicants. Ask all your questions at once, limiting it to the most critical to have answered. Perhaps you can add questions						
	to someone else's data collection effort.						
5: Collect, Analyze and	1						
Overall	• Data collection and analysis plan is concise, completed and clear.						
	• For each indicator/measure, how will you collect the data?						
	• How will you manage the analysis for quality, objectivity, accuracy, etc.?						
	• How will you manage data? This is important for preparing for the analysis,						
	and the management allows for comparisons, such as comparative						
	effectiveness.						

<b>Block and Section</b>	Consider	ations								
5.1 Data Collection and Analysis	Describe logistics of data collection and choices for analysis using the provided checklists.									
	Data Coll	Data Collection Checklist: Who and How								
	• 10	lentify wl	no will gat	ther the data						
	• E									
	• D	evelop fo	or cultural	appropriatenes	S					
	Translate data collection instruments (as appropriate)									
	• P									
	• T	Train data collectors								
	Obtain permissions									
	• E	thical cor	isideratio	ns						
	Analysis strategy should be appropriate for generating credible evidence to answer the assessment questions.									
	Data Ana	Data Analysis Checklist								
	Match analysis to method(s)									
	Compensate for weak information in any one area									
	Prepare data									
	Clean and prepare for analysis									
	Analy	Analyze data								
	Balance strong views from proponents and opponents									
	Balance qualitative and quantitative data									
	Reveal new aspects of programme operation and outcome									
	Validate data									
	Increase reliability and validity of conclusions									
	Data variety by source, type and participants									
	Triangulation—cross-validate and reinforce each method/data source									
	Research Impact Assessment (RIA) Plan Matrix Table									
	Block 2	Block 3		Block 4			Block 5	Block 6		
	1. General Assessment Questions	2. Specific Assessment Questions	3. Indicators	4. Methods/Data Sources	5. Applicants	6. Frequency	7. Person Responsible	8. Use & Target Audience		
	Questions	Questions						Audience		
	Sources Programme or assessment requirements, evaluation textbooks and									
	guides.									
	<b><u>TIPS</u></b> Bring in an expert on data collection so you can be sure that your data is good and can feasibly answer the questions within any constraints. When									
	-			er the questions consider typical (						
		ILL DESC	unury 313, l	onsider typical (	use, uere	nonunity d	niu i ciatil	1 C C C J C C J		

escribe and identify how the data will be managed. Describe logistics of data anagement using the provided checklist. <b>ata Management Checklist</b> • Data format • Data organisation • Data availability • Data security • Information technology • Data quality control • Roles and responsibility, accountability of data management ference Source: Scott Chaplowe, AEA eStudy 2013 <b>PURCES</b> Programme documentation, programme and evaluation requirements, tata management experts. <b>PS</b> Store and retain impact assessment data according to legal requirements and organisational policy and procedures. Store and manage data so that it is usily accessible by users and protect access through use of such tools as a akeholder security table.
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What reporting format should be used for each of the assessment "target
audiences" needs?
What information are you going to report to the target audiences?
How will this information be used in planning?
How will you handle negative findings?
Are there ways to lessen the possibility of misuse of the report?
ven the audience for the assessment, identify who needs to know what, in hat format, and who will deliver it.
eporting Plan Checklist
<ul> <li>Identify specific reporting needs, formats and audiences</li> </ul>
<ul> <li>Determine timing of reporting</li> </ul>
<ul> <li>Determine dissemination mechanisms</li> </ul>
<ul> <li>Identify people responsible for reporting</li> </ul>
eport information to target audiences, considering that:
<ul> <li>Reports are important for diffusing knowledge.</li> </ul>
• Report plans should fit the purpose and scope of the assessment.
2



Block and Section	Consider	rations								
DIOCK UNU SECLION	Considerations Example of Reports Types									
	Executive Summary									
		echnical	,,							
		rogress								
		npact sto	ries							
		Dissemination								
	<ul> <li>Identify and describe dissemination and knowledge translation strategies to encourage use. Consider that:</li> <li>The strategy is tailored to stakeholders' information requirements.</li> </ul>							es to		
				n the report sho						
				d against standa	rds, code	s of pract	tice, crite	ria		
	a	nd/or vai	ues of the	e stakeholders.						
	Example	of Kev Di	sseminati	ion Mechanisms	5					
	-	rint mate								
	• Ir	nternet co	ommunica	ations						
	• L	ive prese	ntations							
	• T	elephone	commun	ications						
	• R	adio com	municatio	ons						
	• T	elevision	and filme	d presentations						
	• N	letworks								
	Consider these cor	whether nmon use	or not you es:	es of the Repor		formatio	n needec	l for		
	<ul> <li>Holding organisations accountable</li> <li>Informing allocation of resources</li> <li>Analyzing progress, where to improve</li> <li>Providing information to advocate for lessons learned for future assessments</li> </ul>									
								e		
								-		
	Research Impact Assessment (RIA) Plan Matrix Table									
	Block 2 1. General	Block 3 2. Specific	3. Indicators	Block 4 4. Methods/Data Sources	5. Applicants	6. Frequency	Block 5 7. Person	Block 6 8. Use &		
	Assessment Questions	Assessment Questions					Responsible	Target Audience		
	Sources Programme and assessment requirements, knowledge of your									
	stakehold		Jacobra	opent and inform		ہے امیں میں	- lokobol-	arc how		
				earnt and inforn						
	strategic	•	•	he goal is that th ing	ie report	will be u	seu to ini	onn		
	Juaregic		icos piarin	шъ.						



<b>Block and Section</b>	Considerations					
Appendix						
Overall	<ul> <li>Identify budget (\$) allocated to assessment</li> </ul>					
	Resources					
	<ul> <li>Internal – in-house resources</li> </ul>					
	<ul> <li>External – contractors</li> </ul>					
	<ul> <li>Mix of both internal and external</li> </ul>					
	Consider time frames for assessment					
Work Plan	Typically you would create a work plan for the assessment by breaking down					
	each block of the research impact assessment plan with associated tasks, start					
	and end dates and type/names of allocated resources.					