

Update on  
Social & Economic Impact Assessment of  
RCA Programme

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**IAEA**

International Atomic Energy Agency

# SUSTAINABLE DEVELOPMENT GOALS



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# S & E Impact Assessment

## *Background:*

The RCA was established in 1972 and has enjoyed the benefit of the IAEA TC programme since.

## *It is reasonable to question:*

What is the social and economic impact of the RCA programme since its establishment and how to assess its impact?

# S & E Impact Assessment



# S & E Impact Assessment

*OECD/DAC Evaluative Framework and Outcome Harvesting Methodology were proposed.*

*However, on further investigation, it was concluded that they were too difficult to apply quickly, due to a lack of ready access to sufficient published material to support the evaluation.*

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*The 41st NR Meeting in Sri Lanka, 26-29 March 2019 decided to hold an RCA Exhibition in 2022 to showcase the socio-economic impact of the RCA programme on the occasion of the 50th Anniversary of the RCA establishment.*

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*To this end, an expert meeting was held in Vienna, Austria from 1-4 July 2019 to discuss, identify and agree on a suitable methodology for case studies of social and economic impact of the RCA programme.*

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*A systematic methodology was developed, which consists of eight steps:*

*1) Understanding the theory of change for the programme or project;*

*2) Developing performance criteria;*

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*3) Developing performance standards for each performance criterion;*

*4) Identifying and selecting the evidence needed;*

*5) Gathering evidence;*

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*6) Analysing the evidence;*

*7) Synthesising and judging the evidence; and*

*8) Reporting.*

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*This methodology is first piloted to assess social and economic impact of RCA mutation breeding projects, then will be developed for other fields of activities in the future.*

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*After that, the second meeting was held in Vienna, Austria from 18-22 November 2019 to develop:*

*1) Performance criteria,*

*2) Standards under each performance criterion,  
and*

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*3) Data collection tool*

*for RCA mutation breeding projects.*

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*The meeting also identified a list of follow-up tasks and timeframe for each task, basically including:*

*1) Finalization of the online data collection tool (Feb. 2020) - **Completed***

*2) Conducting survey and raw data (Feb. – early April 2020) - **Completed***

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*3) Survey analysis and integration of internal data  
(April 2020) – Ongoing!*

*4) Economic analysis (May 2020)*

*5) Case examples of mutation breeding success  
(May 2020)*

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*6) Preparation of draft report (by 30 May 2020)*

*7) Workshop to develop final evaluative judgements  
(Vienna, 8-12 June 2020) – **Postponed!***

*8) Completion of final report (by 30 July 2020)!*

# S & E Impact Assessment



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