



MHSC

Mine Health and Safety Council

CENTRE OF EXCELLENCE RESEARCH AND PROCURMENT PROCESS

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Presentation Outline

1. MHSC Mandate
2. Overview of Research
3. Purpose of the presentation
4. Impact of Research
5. Overview of the Research Process
6. Research Value Chain: Needs, delivery, Procurement..
7. Appointment of technical experts
8. Conclusions



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MHSC Mandate

MHSC is a national public entity established in terms of the MHSA, No 29 of 1996, Celebrating 20 years in May 2017.

Advise the Minister on all occupational health and safety issues in the mining industry relating to legislation, research and promotion

Review and develop legislation (regulations) for recommendation to the Minister

Promote health and safety culture in the mining industry

Oversee research in relation to health and safety in the mining industry



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CoE Research & Procurement Process

- **Purpose:** CoE has been developed to assist the MHSC in defining the pertinent research and other related projects management processes (including the needs analysis and the project execution process) which clearly explains how the MHSC research and similar projects management is to be sequentially fulfilled.
- **Scope and applicability:** The CoE will cover the project definition (scope of work) process, roles and responsibilities, project procurement process, use of technical experts and project management. This guideline is applicable to MHSC CoE and all the advisory committees.

NB! The process should follow the applicable legal framework!



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Roles and Responsibilities

- Responsibilities of MHSC and its committees remain in line with the MHSA
- Very limited alterations made to CTAC to include safety aspects which were being looked after by SIMRAC

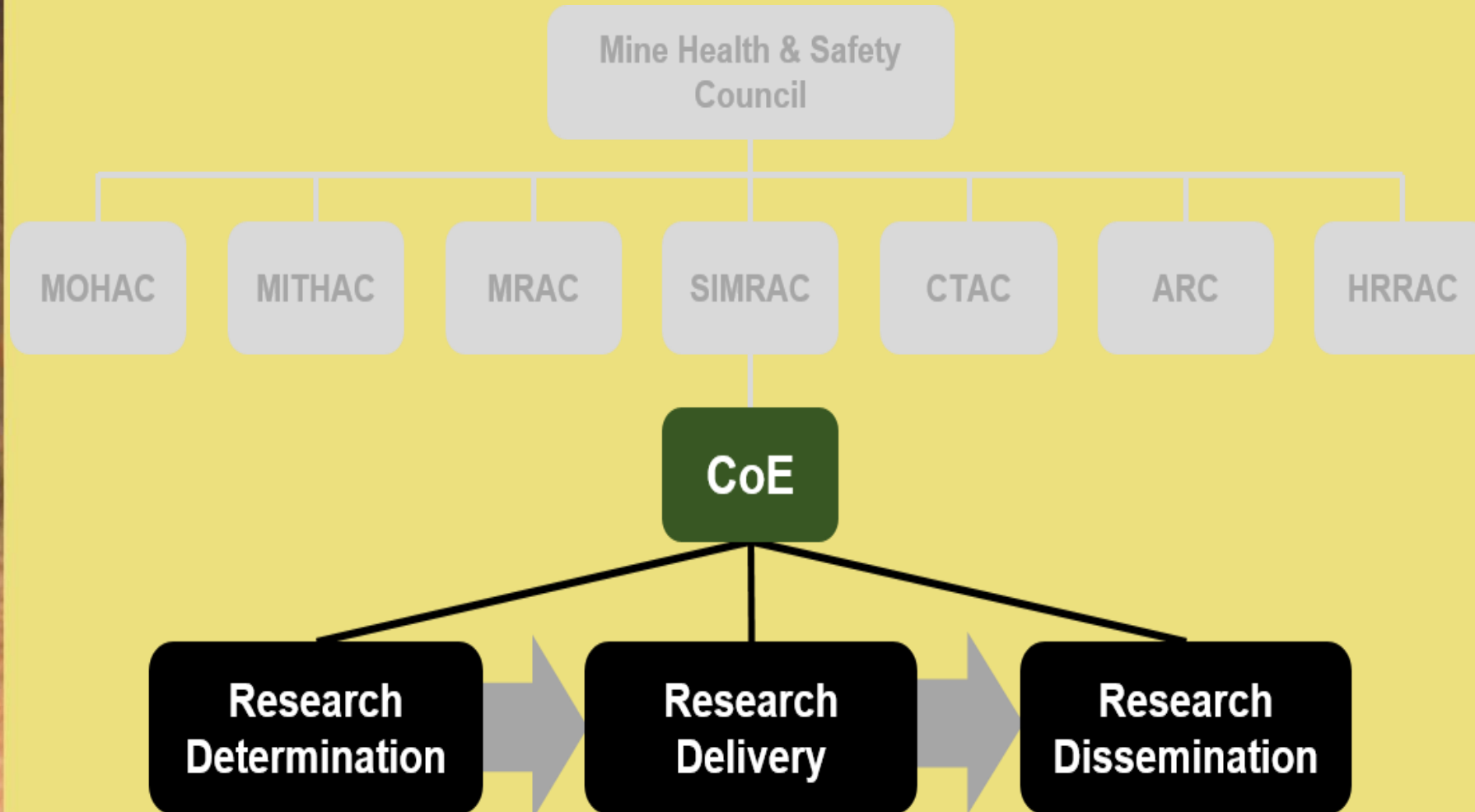
New: Change of SIMRAC into the oversight body for CoE and will be responsible for appointing and managing key partners, service providers and technical experts that will work with the Research Determination, Research Program Delivery and Research outcomes dissemination



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CoE in the Context of MHSC



The CoE falls under SIMRAC, and comprises of three different chronological work streams



Overview: Impact of Research

*Technology,
Innovation
& product
development and
commercialisation*

Research outcomes inform alternative use of existing technology or introduce new mining techniques, technology and personal protective equipment to mitigate or eliminate exposure to occupational health and safety risks and improve outcomes

Research outcomes may be required to inform a review, update or amendment of existing occupational health and safety legislation, to drive the achievement of desired practices and outcomes within mining operations.

*Legislation,
regulation and
standards*

Training

Research outcomes can be used to inform the design of occupational health and safety training interventions. Training interventions should also be developed to support the launch and promotion of new technology, innovation and products emerging from research activity.

Research outcomes to be publicised and promoted and industry-wide (nationally, regionally and internationally) through journal publication, and through marketing and promotion efforts.

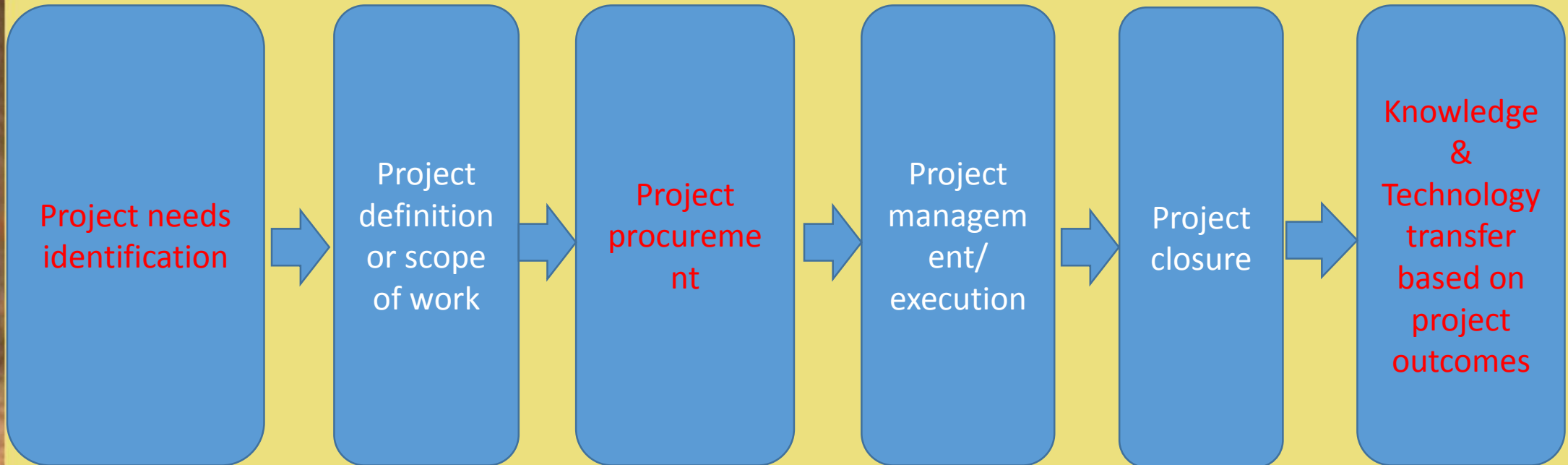
Promotion



Overview: Research Process



THE MHSC PROJECT VALUE CHAIN



CoE Research determination

Focus areas and Motivations

Council Committees
State
Organized Labour
CoE Partners
Potential Commercialization
Partners
MQA
TIA
MOSH

Key: Broader stakeholder consultations

Technical Advisory Committee (Co-opted Council Committee Members & Technical Experts) formulate Annual Programme

SIMRAC Advices Council

Approval by Council

Approval by Minister & provide Feedback for council



Project Definition & ToR

Approved Council research questions

Drafting of ToR and Scope of work and submission to BSC

Submission of ToR to BAC for recommendation to the CEO

Approval of ToR for gazetting



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Project Procurement

Approved ToR

Gazetting of ToR

Conducting of briefing session

Receiving, evaluation and recommendation by BEC

Adjudication and recommendation to CEO/ to Chairperson of Council

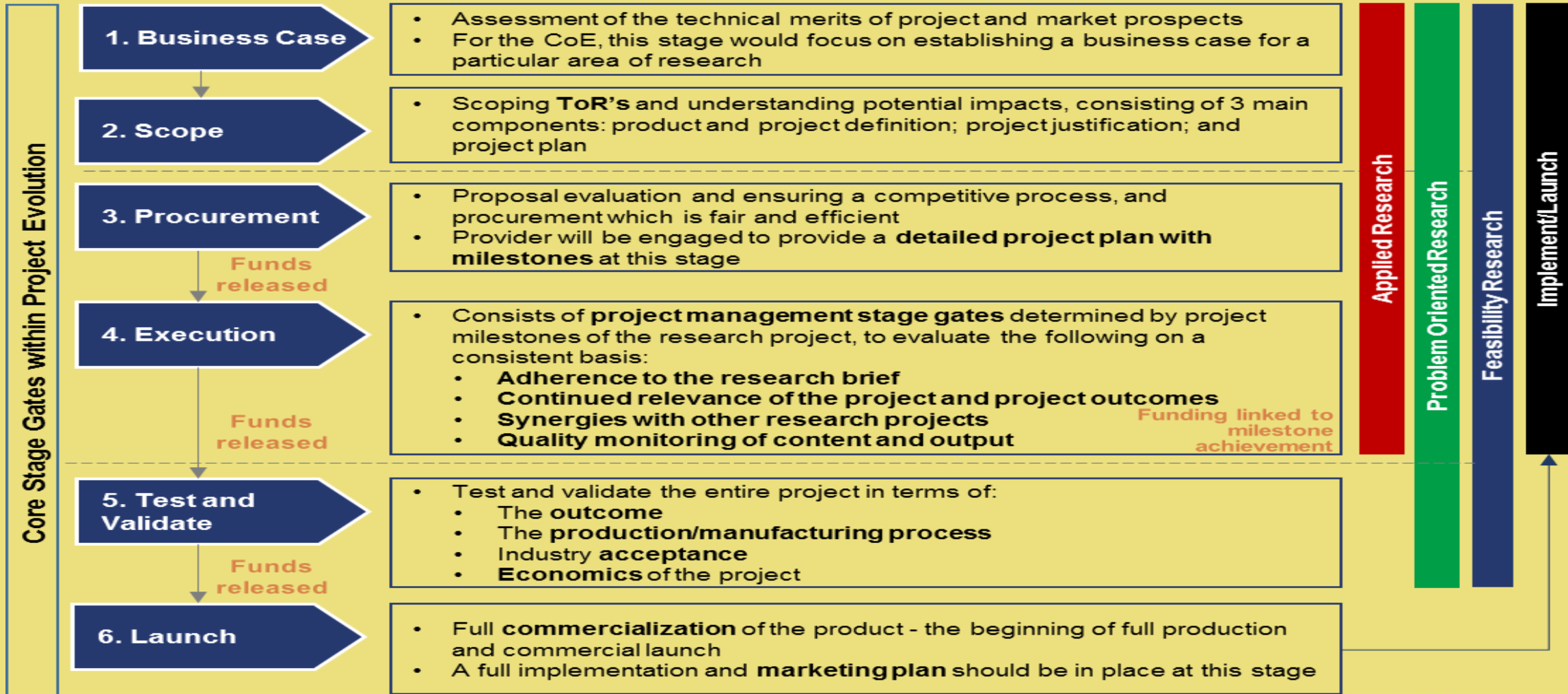
Awarding of the contract



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Research Delivery



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CoE Research outcomes determination

Commercialisation:

- intellectual property Know-how
- Patents
- Trademarks
- Copyrights

Marketing and Promotion:

- General marketing and promotion materials; and
- Academic publications

Training Education and Awareness

- OHS Awareness Material;
- OHS General Training Courses and workshops;
- OHS Certified Courses; and
- University Course Content

Template Completed

RODTC (Co-opted Council Committee Members & Technical Experts) formulate Annual Programme

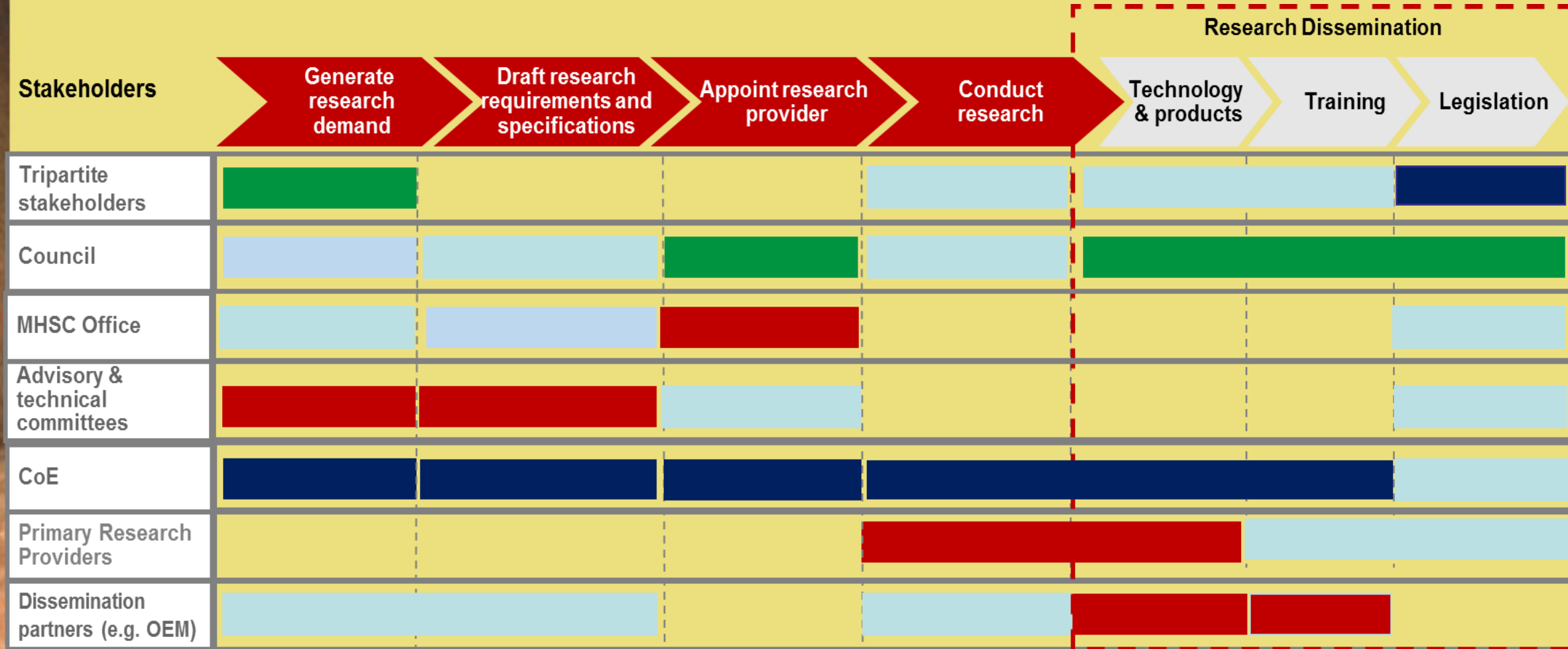
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CoE Value Chain and Interactions



Legend:

- Accountable
- Responsible
- Consulted
- Informed



Technical Committee Members

- Co-opted Tripartite Council Committee members
- Technical Committee Specialist
- Committee Administrator
- Technical Experts



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Conclusions

- Committees will no longer conduct research projects, but formulate inputs and TOR's and submit to CoE, other responsibilities remain.
- SIMRAC's will be the oversight committee to CoE and its work will be done through TAC's.
- The MHSC office urgently need committees to co-opt members.
- Technical Experts database will also be expanded to support CoE.



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EVERY MINE WORKER RETURNING FROM WORK UNHARMED EVERYDAY



**20 Years of Positive Contribution to Zero Harm for mine workers.
Pursuing Research Excellence**

