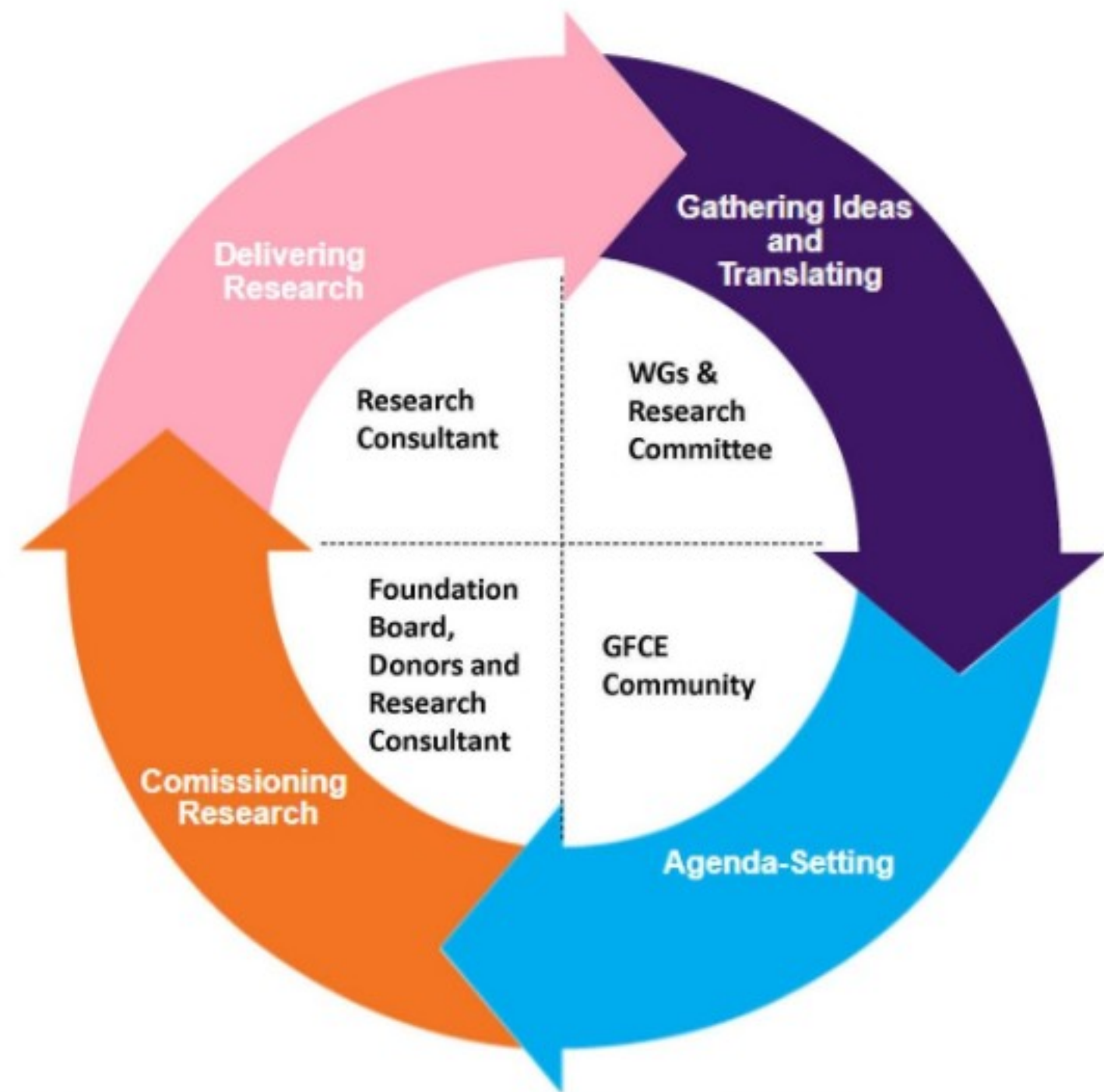




GFCCE V-Meeting: CCB Research Agenda Consultation Session

6 May 2020 13.00 - 14.00 UTC



CCB Research Agenda Lifecycle





CCB Research Agenda Process



1. What are knowledge gaps relevant to cyber capacity building that you have noticed in your Working Groups and/or in your jobs?

Metrics to measure the impact of ccb projects

Result monitoring and evaluation

Objective, experience-based metrics to evaluate cyber capacity building progress

Practical guidance on the implementation of norms

Measurement, Technical Skills, Soft Skills (Management, Career Path Planning), etc.)

Principles and best practices in designing and implementing CCB programs

Mapping available research, particularly from developing countries (eg Africa)

Certification of Skills

Overviews to give insight in multiple frameworks around the globe on a particular topic



1. What are knowledge gaps relevant to cyber capacity building that you have noticed in your Working Groups and/or in your jobs?

How to organize and focus cyber workforce development.

Relating to Cutting edge technologies

Developing global methodology for tracking/attribution of attacks

Best practices from security assistance programs to develop monitoring and evaluation frameworks that could be used for CCB.

Measuring capacity building approaches and effectiveness; indentifying capacity building needs;

There is a lack of well documented case studies that outline the successful and (more importantly unsuccessful) elements of capacity building efforts

Online education modules

What impact do NCS have?

A systematic understanding of how CCB can be embedded into existing fora in the resprive regions



1. What are knowledge gaps relevant to cyber capacity building that you have noticed in your Working Groups and/or in your jobs?

Explaining cyberstability framework, importance of cyberdiplomacy

Regarding cyber security knowledge, skills and awareness there are more unknowns than knowns. Measuring the effectiveness of programs is definitely one, but also mapping the scientific status quo on what we actually know.

Connection between CCB and norms and CBMs. How can CCB systematically support norm/CBM implementation

Identifying vulnerabilities to core internet infrastructure

Assessments on whether human rights safeguards in CCB are effective or counterproductive.

Landscape review of relevant existing research

The two central questions is 'what works in CCB?' (ie. What is empirically validated best practice) and 'What are the trade off?' (ie where do you spend your marginal euro/dollar when resources are short?).

Emergent technology impact

Security issues in healthcare, agriculture and education sectors that impact large populations



1. What are knowledge gaps relevant to cyber capacity building that you have noticed in your Working Groups and/or in your jobs?

Study lessons from developing countries

A lack of neutral impact analysis of programs (so conducted by a third party rather than implementors of the project)

How to make use of advanced impact assessment metrics?
How to guarantee transparency?

Cyberhygiene, effective awareness raising programs, which are replicable globally

Understand effective mechanisms to coordinate and avoid overlapping capacity building measures.

We don't know enough about how to choose between different 'best practices': if resources are limited do you build a CERT or a cyber training school? How should countries decide?

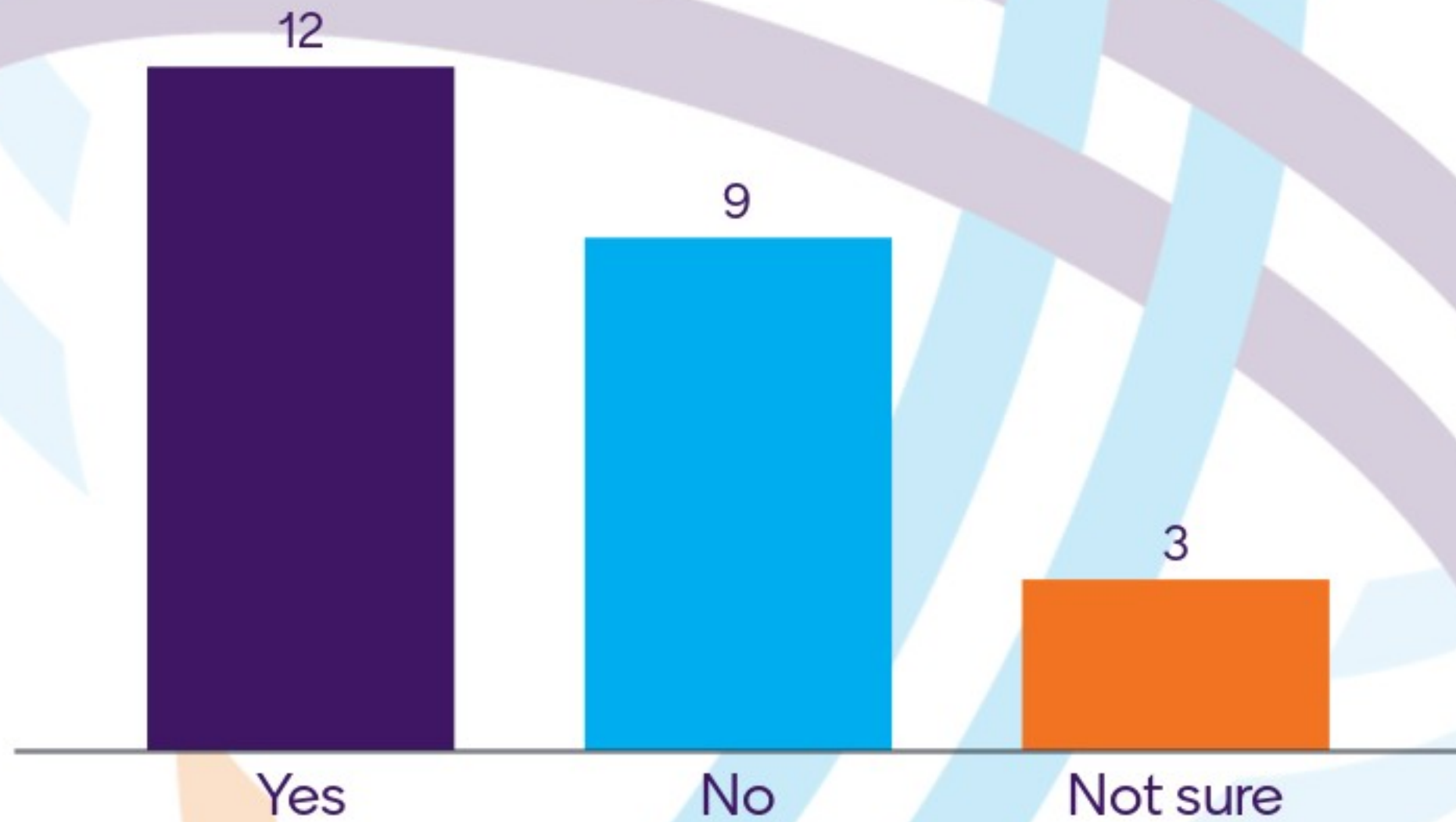
Knowledge gaps: how to make (academic) studies, assessment reports, indices, and materials fit for CCB purpose, i.e. in the form of training packages, mentoring handbooks etc

What are best practices in non-cyber related capacity building efforts that the research community considers important for CCB

Yes



2. Should the whole community be responsible for prioritizing and agenda-setting?





3. Each research question must be elaborated in a one-pager with further information. What should be on this one-pager?



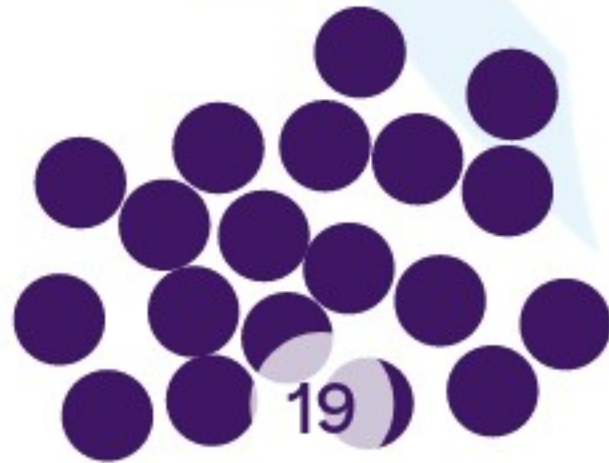
Explanation of question



Main beneficiaries



Time/cost estimate



Relevance or connection to CCB



Knowledge gap it aims to address



Others



4. What would be important to include in the criterion for prioritizing RQs & agenda-setting?

Availability of data/information.

Should benefit large population

Target audience

An assesement of what research already exists (e.g. literature review)

impact to GFCE mission

Overall impact and benefit for the beneficiaries and the CCB community as a whole

Diversity in beneficiaries

How the RQs directly impact GFCE goals and priorities

Relevance for the objective of the WG and GFCE community



4. What would be important to include in the criterion for prioritizing RQs & agenda-setting?

The expected impact and contribution of the research for the global CCB community

Benefit to whole GFCE community

Usefulness beyond one beneficiary (ie possibility to cover broader region, or replicate for others)

Usability / impact of the product

Relevance for WGs' members and partners and feasibility of the research

should fill a clear niche, and cant be covered through "normal" research opportunities

Feasibility, affordability, sufficient data, previous readership experience and quality

The prioritization should take account of other research done outside of the GFCE context, including building on existing knowledge (eg public health experience on awareness building).

A consideration of content or work already being done in the wider community

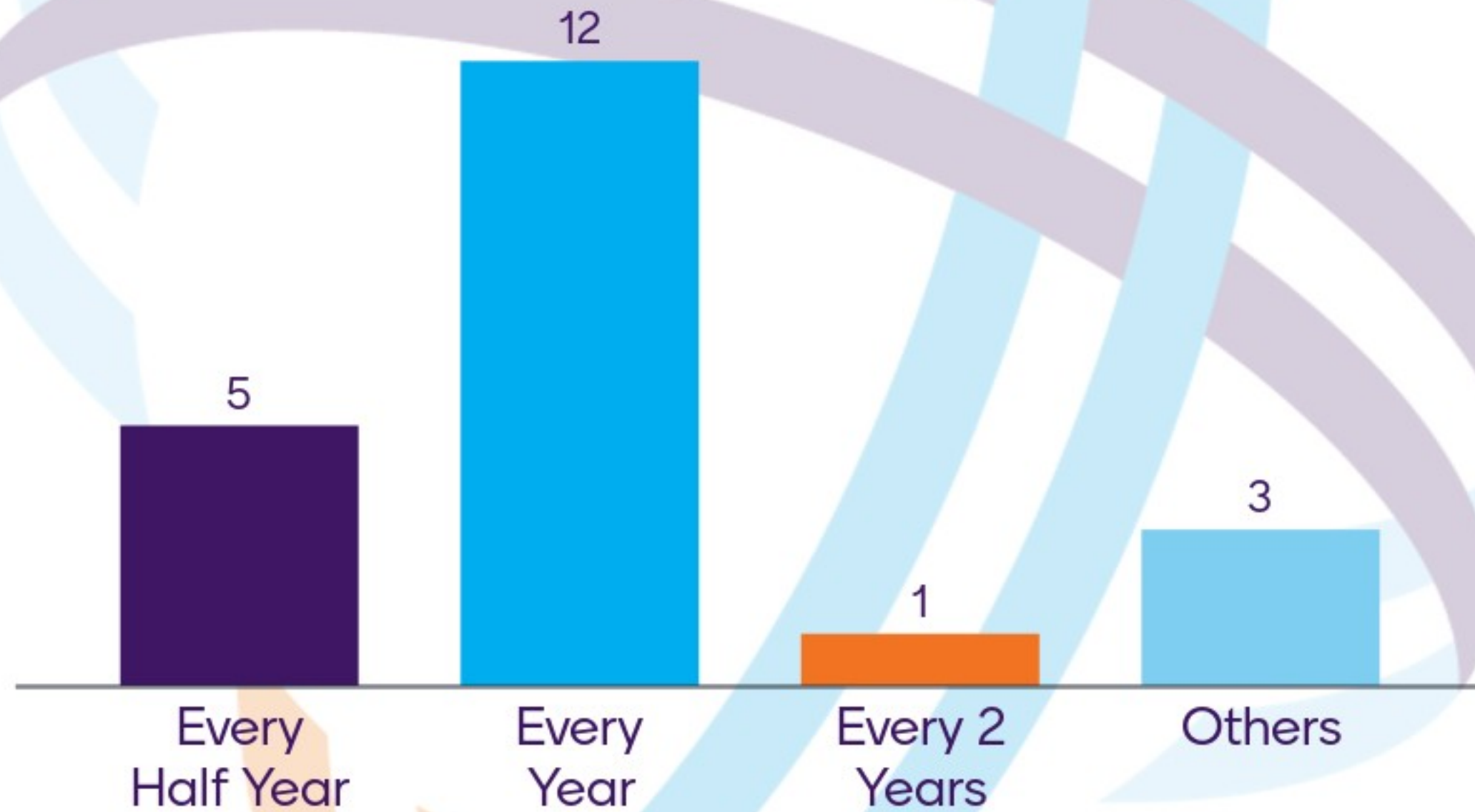


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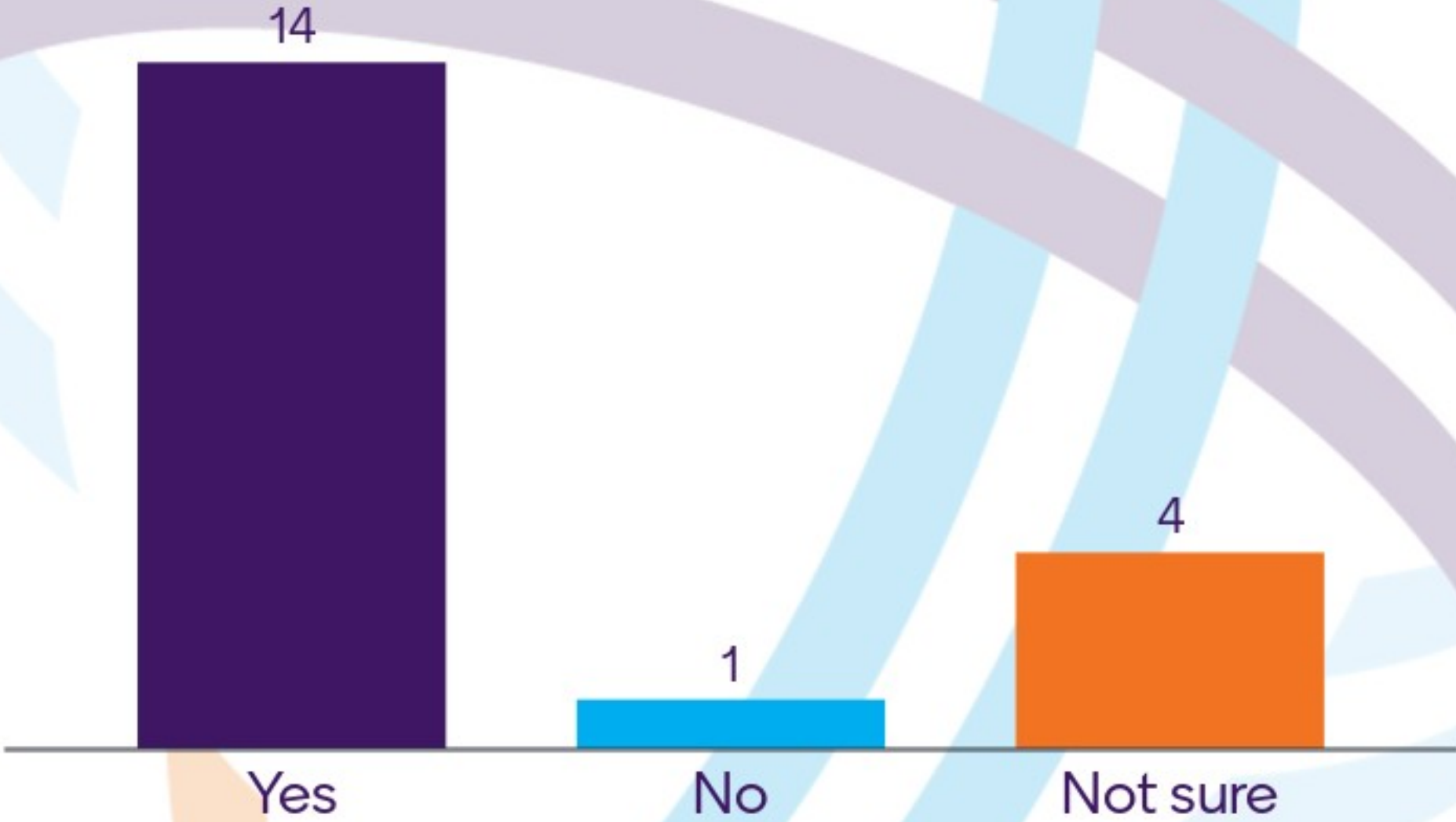
Will the outcomes of the research impact a significant proportion of GFCE's members?



5. How often should we call for new ideas and update the CCB Research Agenda?

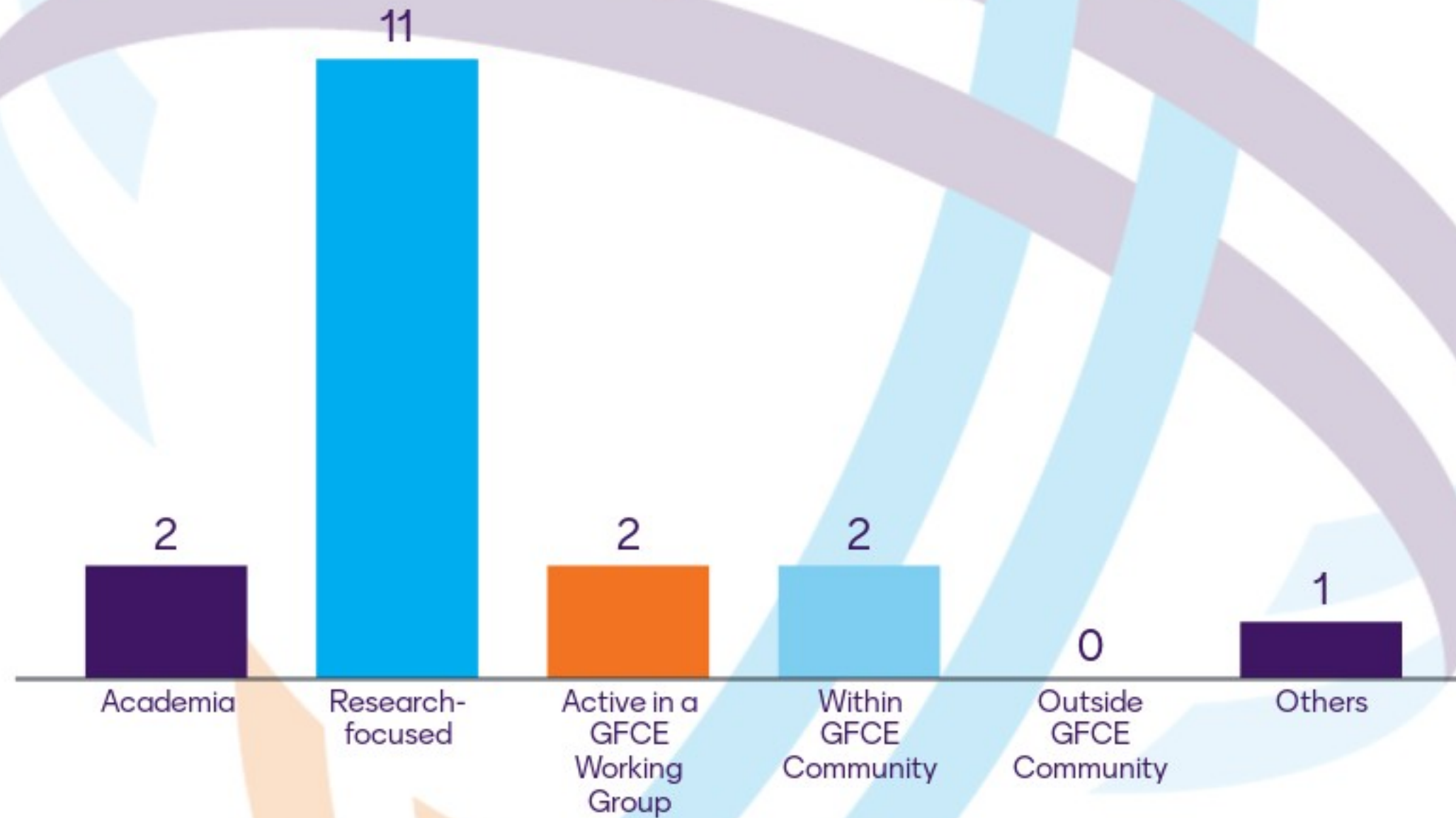


6. Do you agree with the proposed role of the Research Committee?

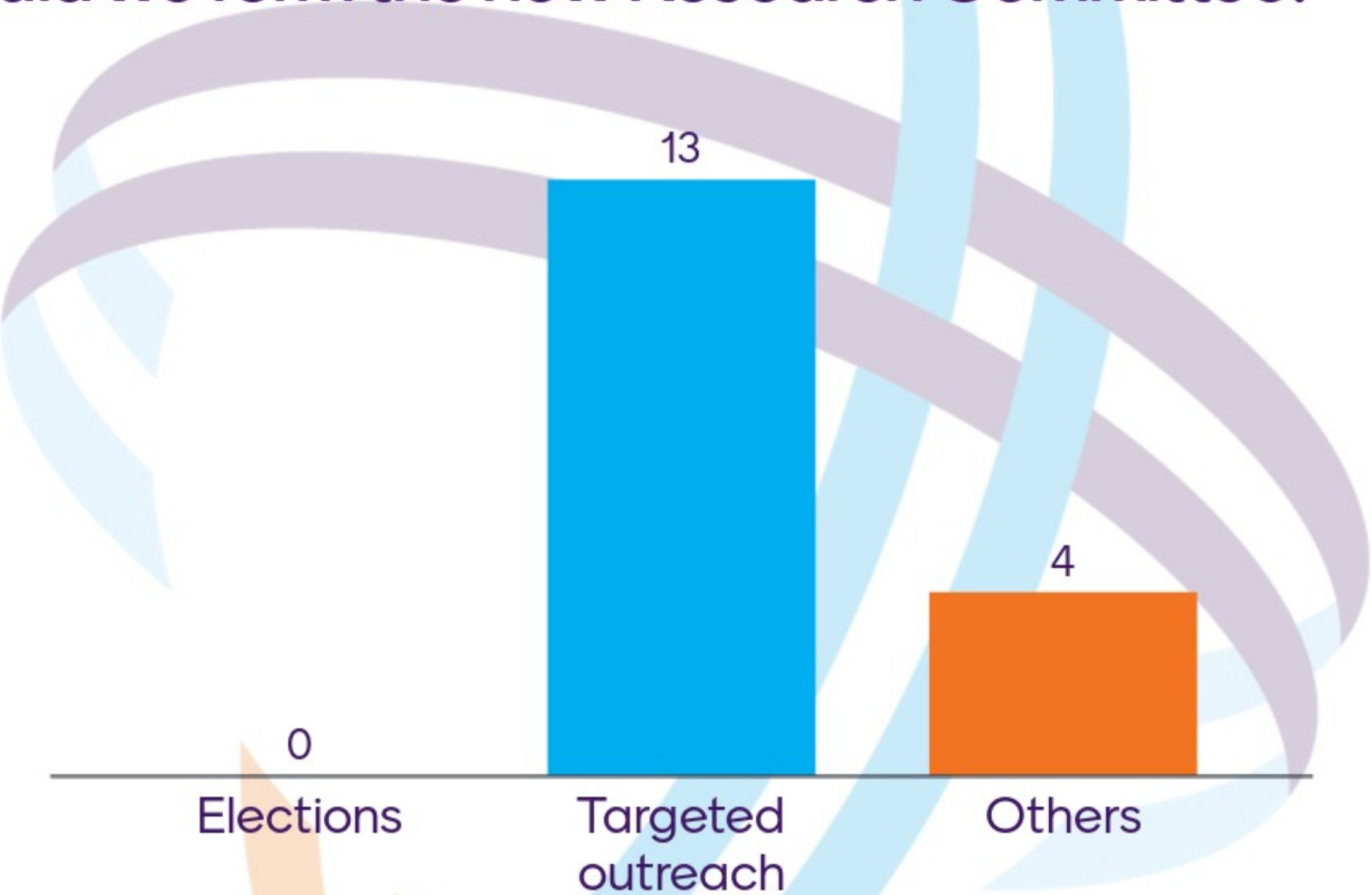




7. What background should a member of the Research Committee have?



8. How should we form the new Research Committee?





9. What else should the GFCE Secretariat consider as we refine the mechanism?

Clarify roles and responsibilities of the WGs, Secretariate, research committee

Have a look at how other organisations (generally, in cyber affairs) commission research, I'm thinking of APNIC grants,

Availability and sources of funding and the vehicles to distribute \$ to researchers

Have/acquire adequate capacity to conduct high quality research

Evaluate the research project(s) as a seventh step in the mechanism?

Clear roles and responsibilities of the research committee in relation to the AB, WG/TaskForce Chairs, Foundation Board, etc...

Availability of people to serve on the RC - Time is valuable

Critically reflect whether the a new CCB committee can really meet the expectations that were discussed today.

Agree on certain principles for research projects, e.g. diversity, representation



9. What else should the GFCE Secretariat consider as we refine the mechanism?

Think about effective engagement strategies to involve/follow academia and/or national science foundations on relevant research.

This only works if we have money. Maybe this can be linked to some kind of subscription paid by Members. Small amount could go a long way. We should also look at ways to make the money go further, eg partnership with other grant making groups.

Clear mandate, clarifying and specifically framing roles, responsibility

Scoping of the universe of peer reviewed academic journals with some focus on CCB for possible engagement and partnership.



Thank you!



Thank you!

