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Tech Fellows to IETF 10-Year Programme Review



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Global Engagement

Topics

- Tech Fellows Programme Background
- 2016 Survey and Results
- Return on Investment
- Key Takeaways
- Next Steps

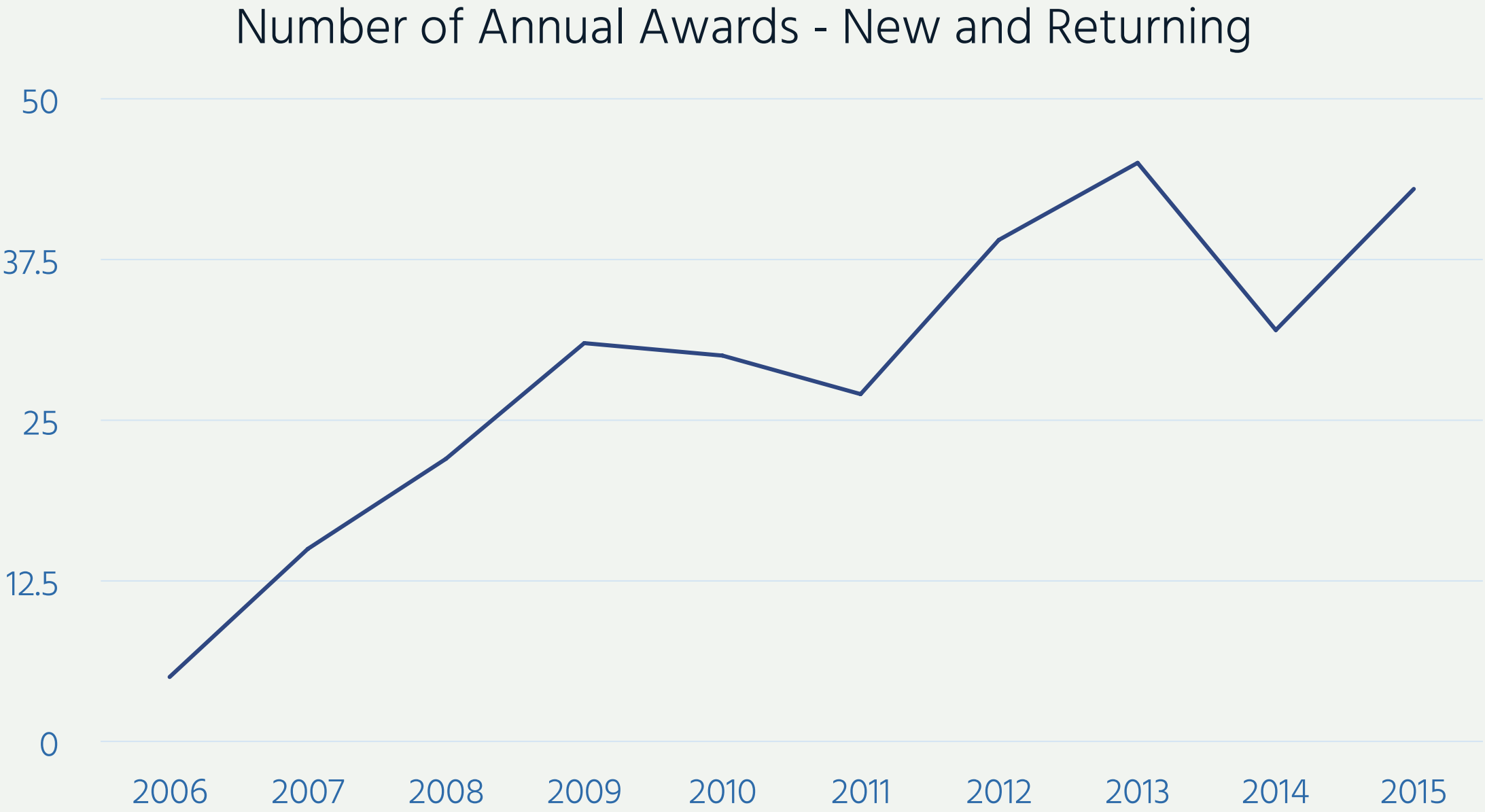


Background

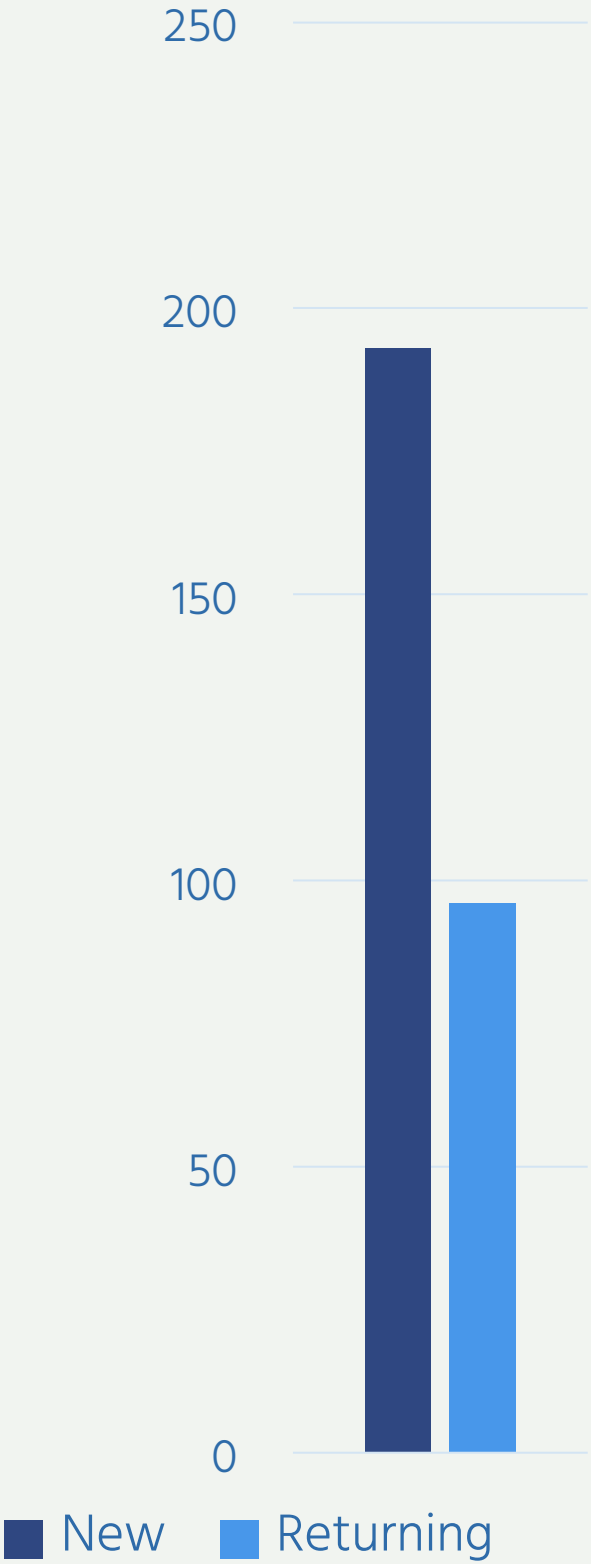
- Programme started in 2006 to increase awareness of standards development processes where there was no understanding
- In 2011, came under umbrella of newly-formed Internet Leadership team
- In 2013, refined selection criteria— number of individuals who apply has gone from 8/fellowship slot to 12-14/fellowship slot; caliber of individuals has also increased
- At each IETF meeting we send 12-17 individuals, 6/6 + model
- 193 individuals, total of 289 awards
- 2016 budget is \$150k



Tech Fellows Data - 2006-2015



Type of Award

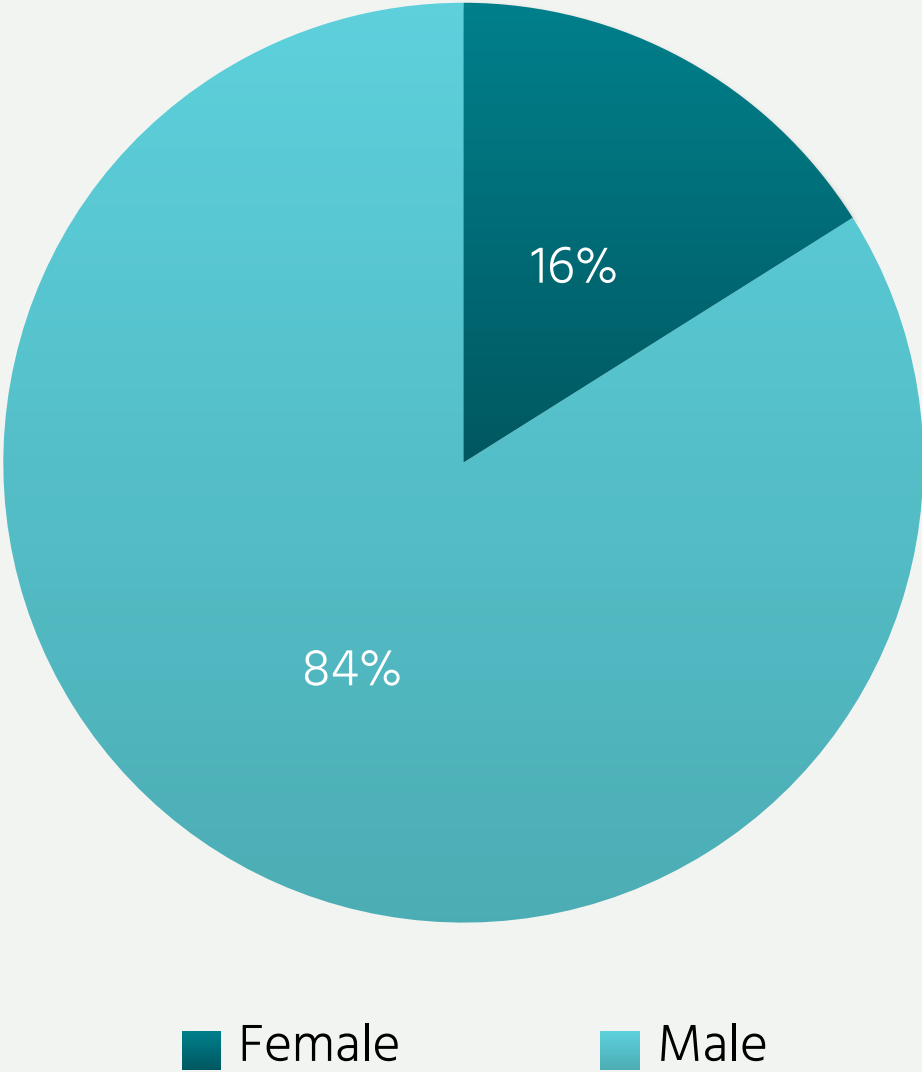


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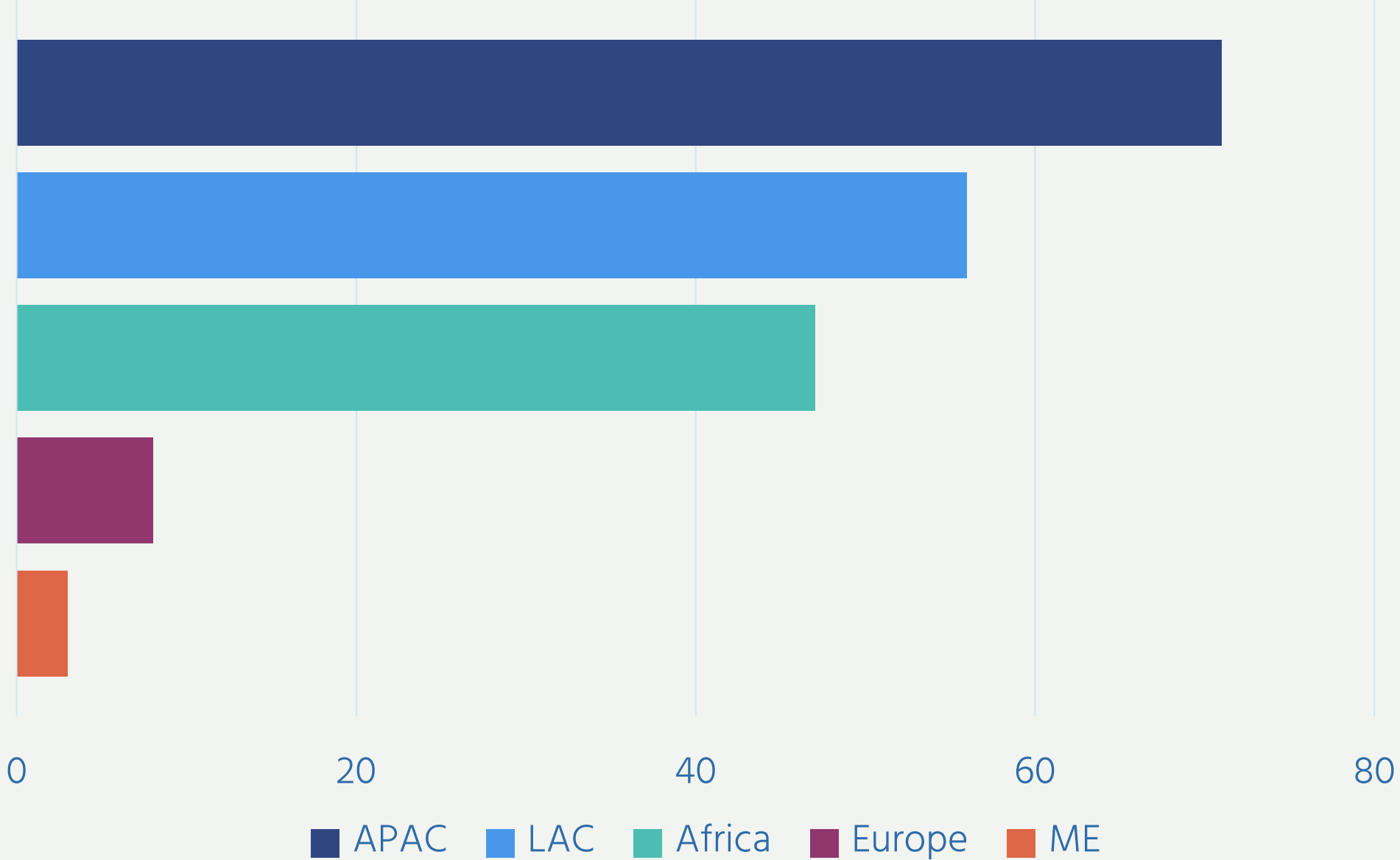


Tech Fellows Data - 2006-2015 (193 Individuals)

Gender Distribution



Regional Participation



The 2016 Survey & Analysis

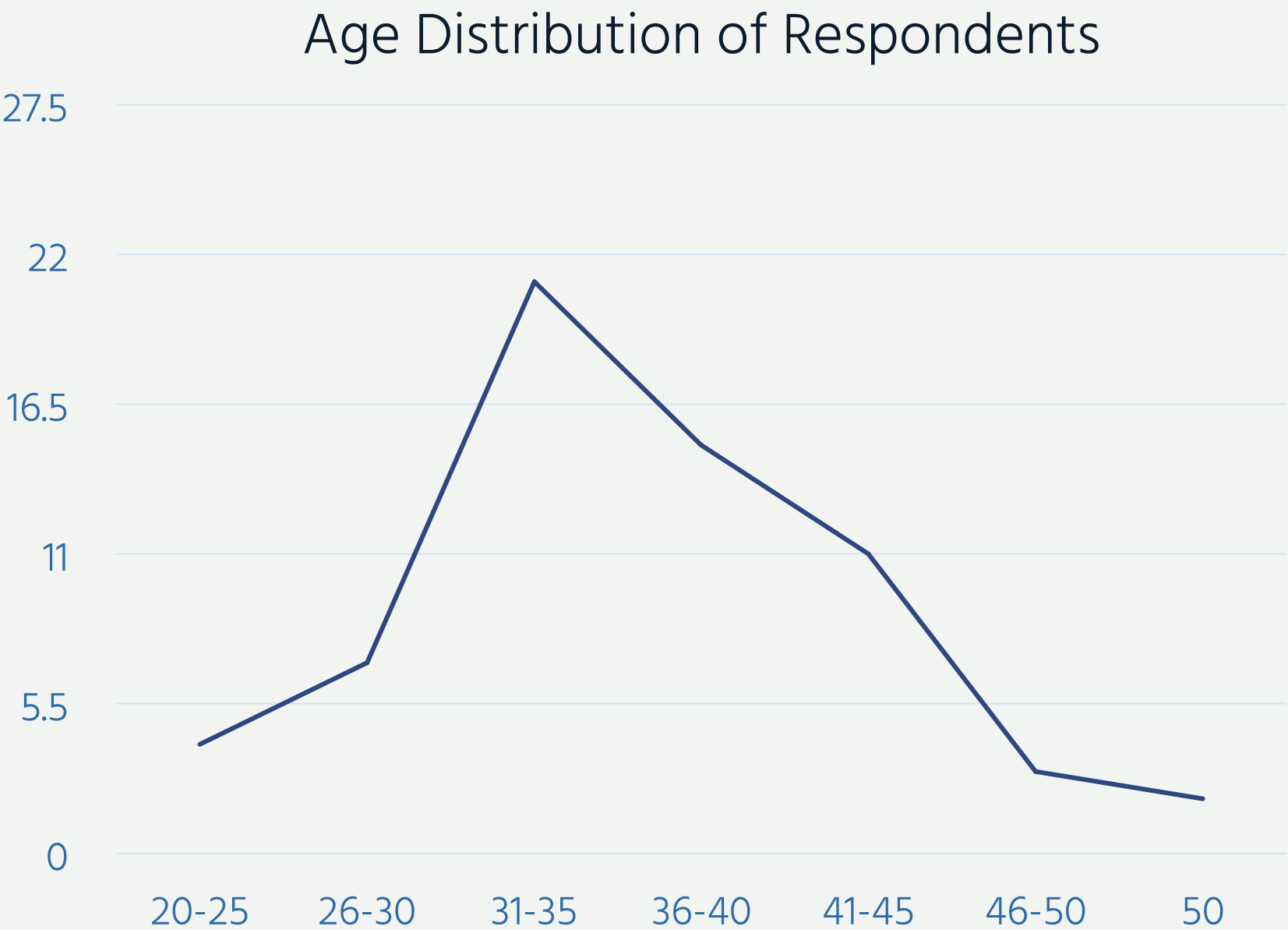
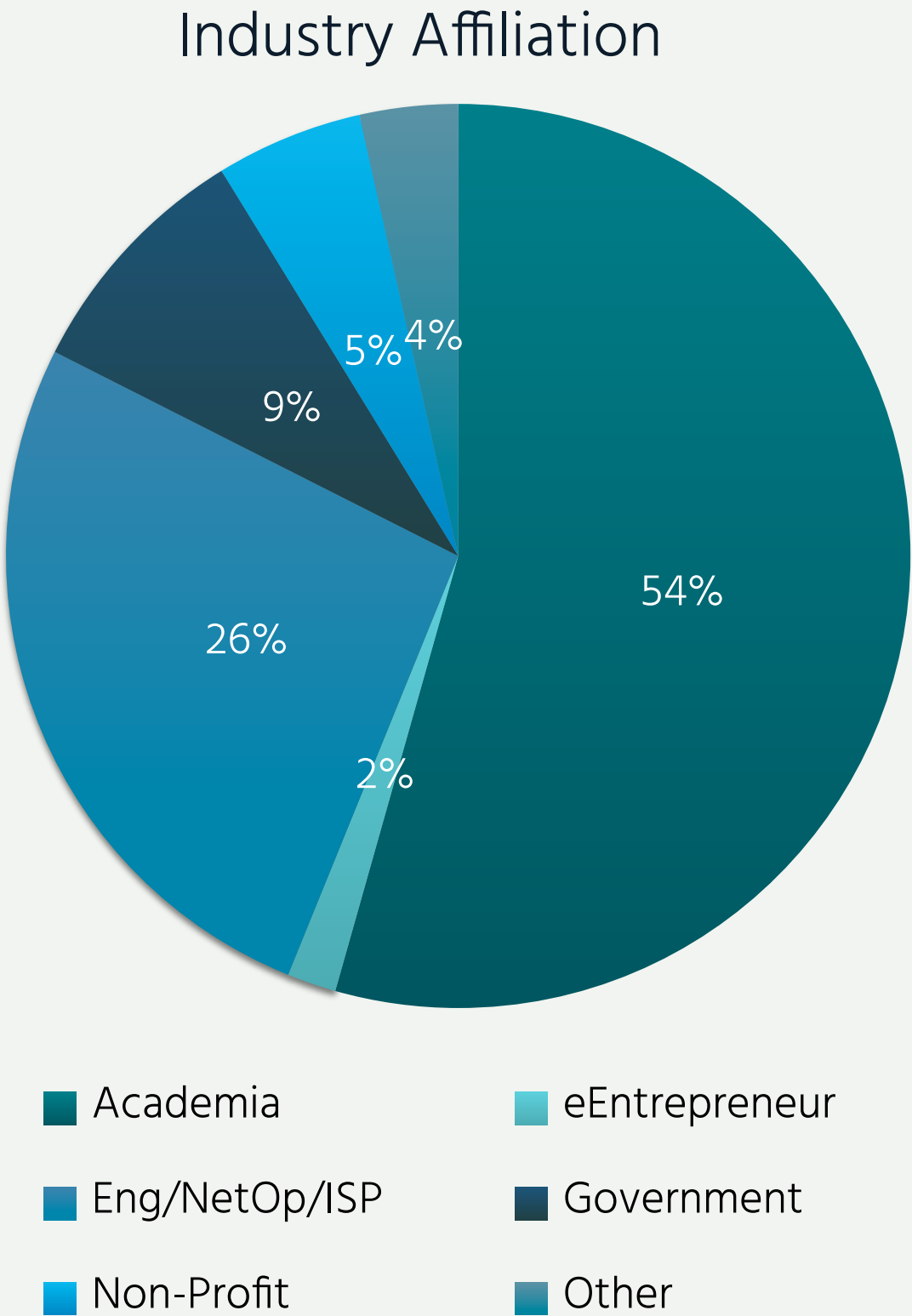
- This analysis is at the request of Board members and in addition to post-meeting surveys done after each IETF
- Objectives
 - Assess promotion of IETF and open standards in broader communities; e.g., academic research and via remote hubs
 - Assess contributions to IETF and open standards development
 - Evaluate engagement in other tech and policy discussions and with ISOC
 - Review ROI
- 61 respondents (31%); another approx. 30 individuals are known to ISOC staff and are involved in tech standards and deployment



Survey Results

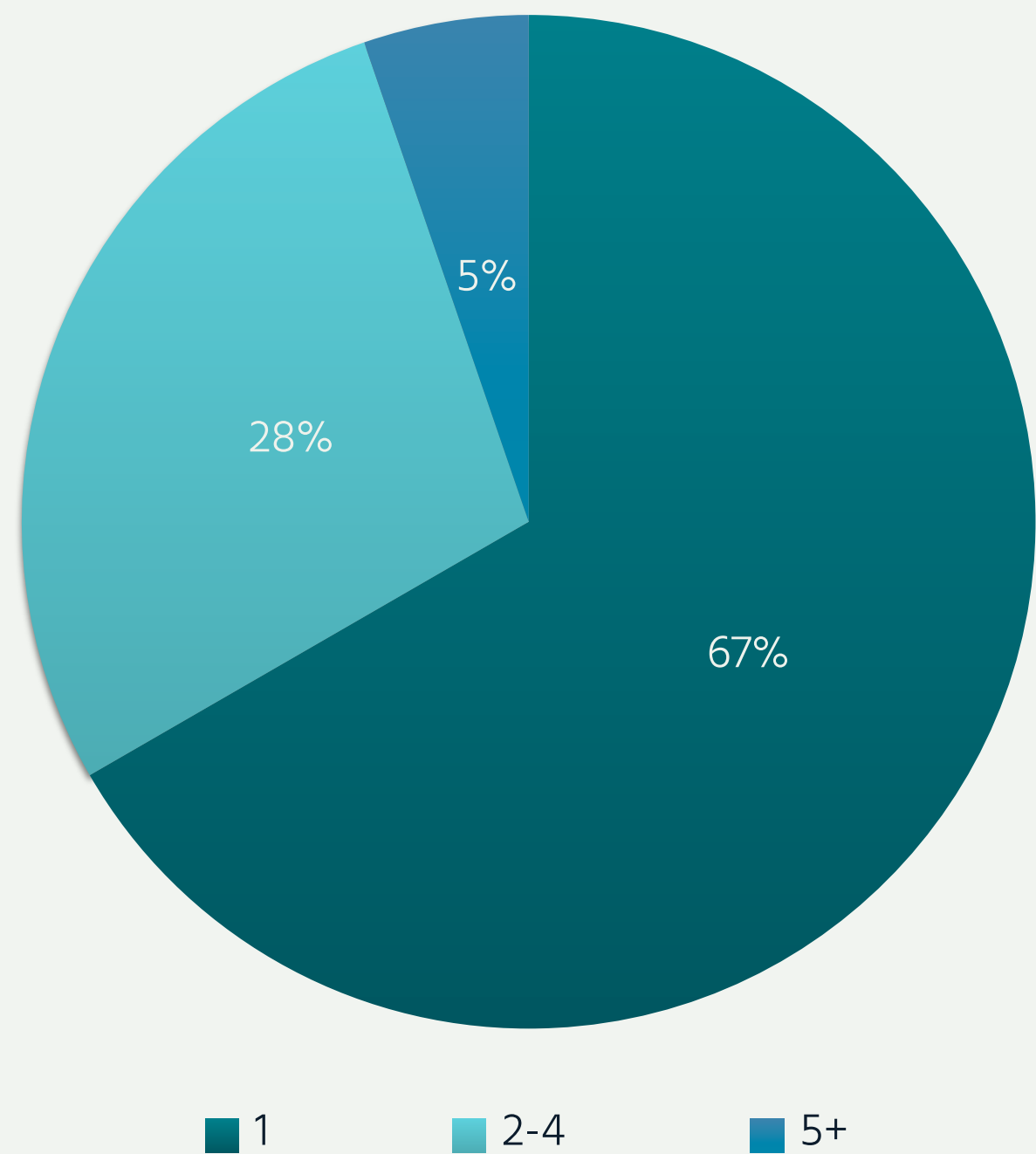


Industry & Age

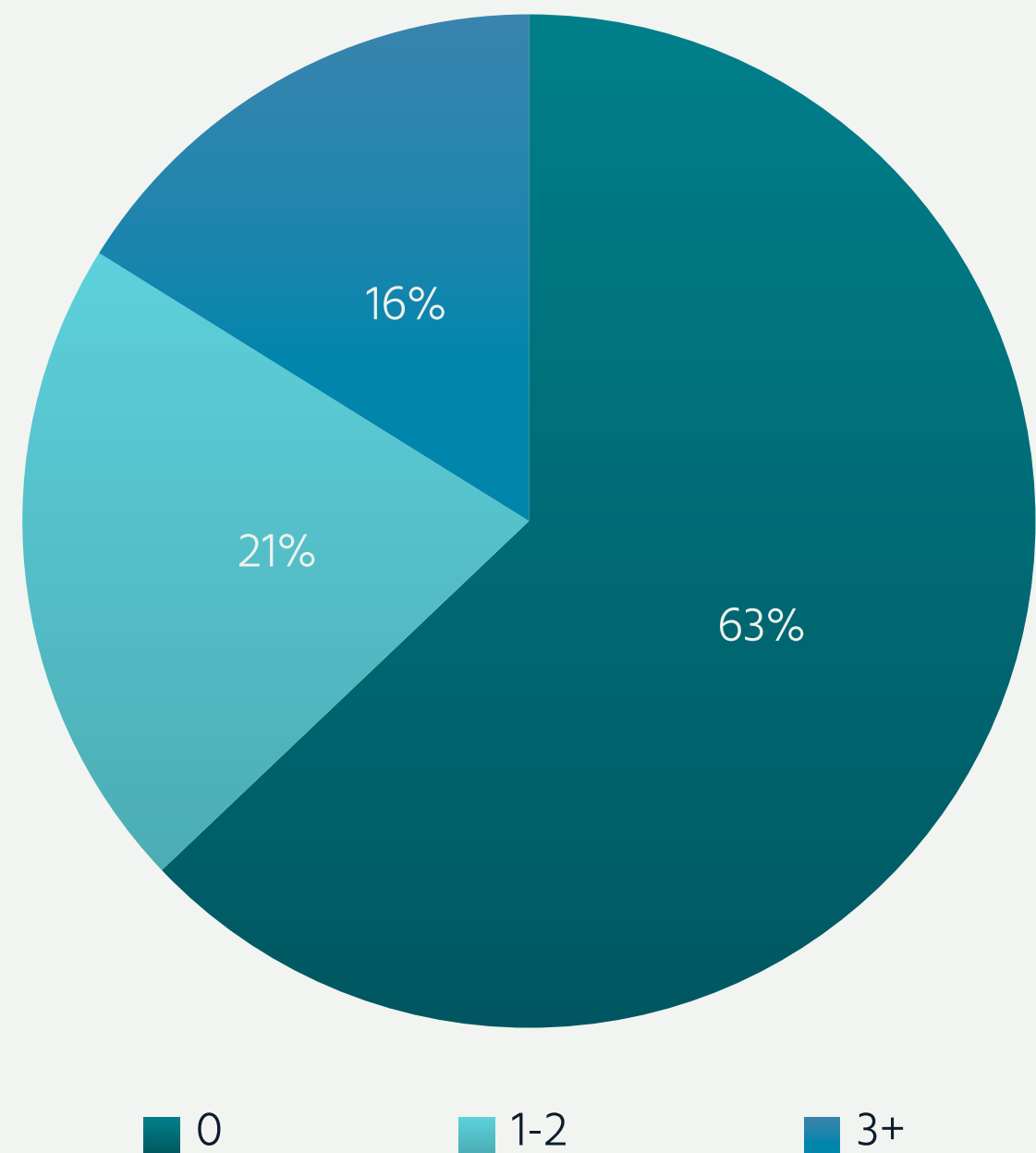


Meetings Attended

of Meetings as ISOC Tech Fellow



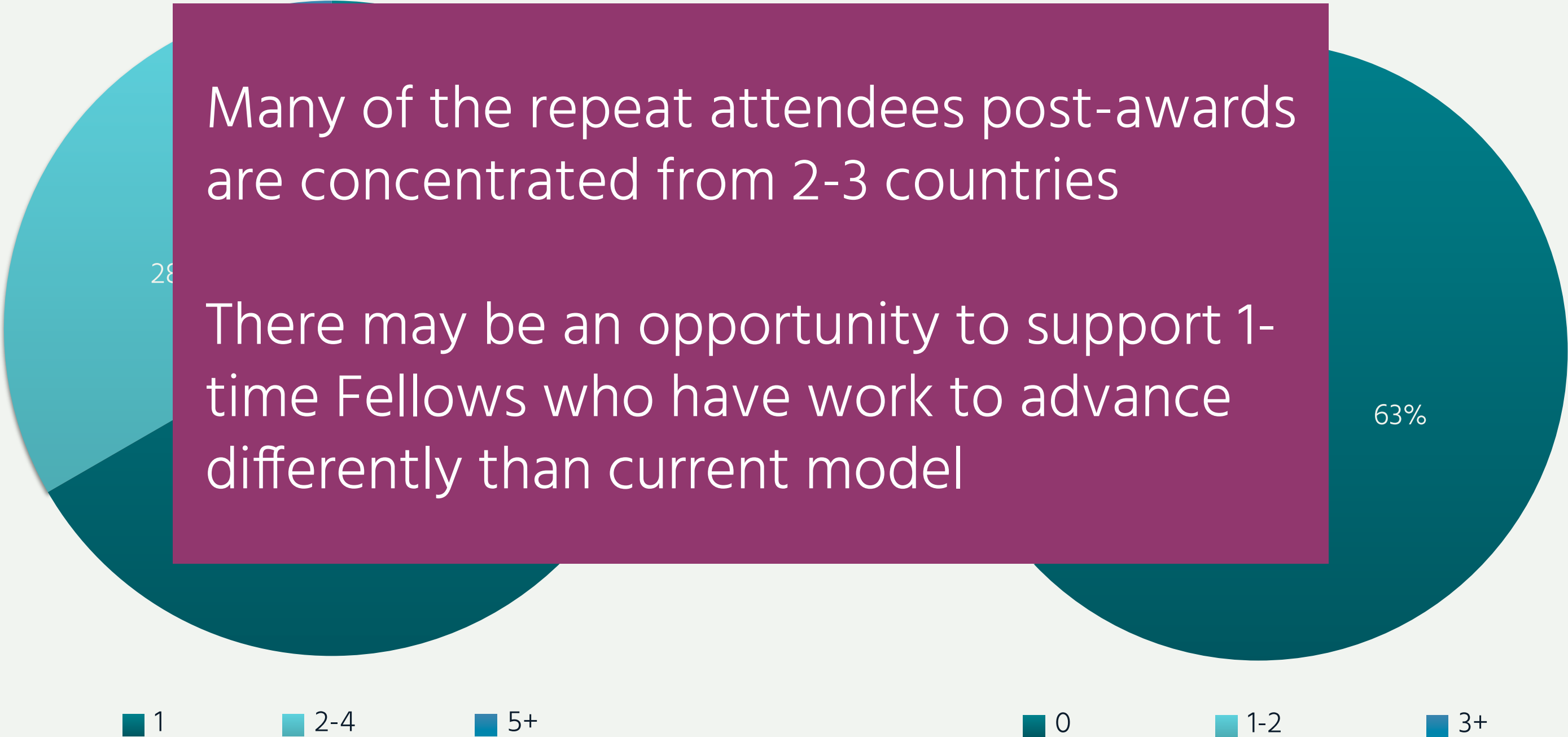
of Meetings on Own or by Employer



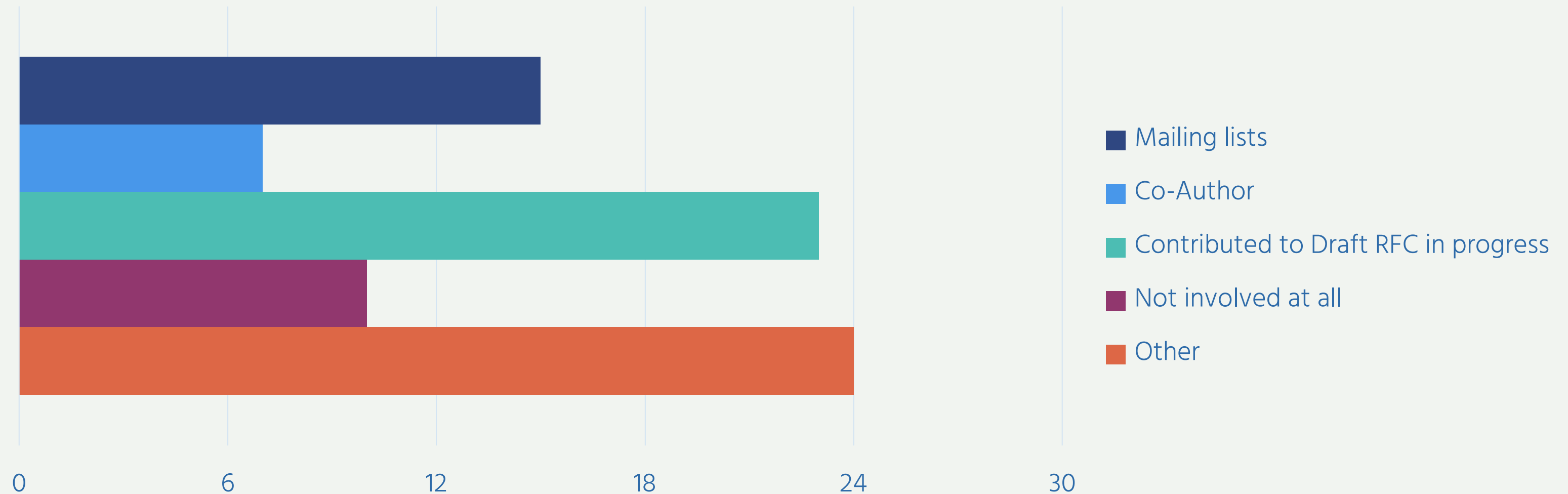
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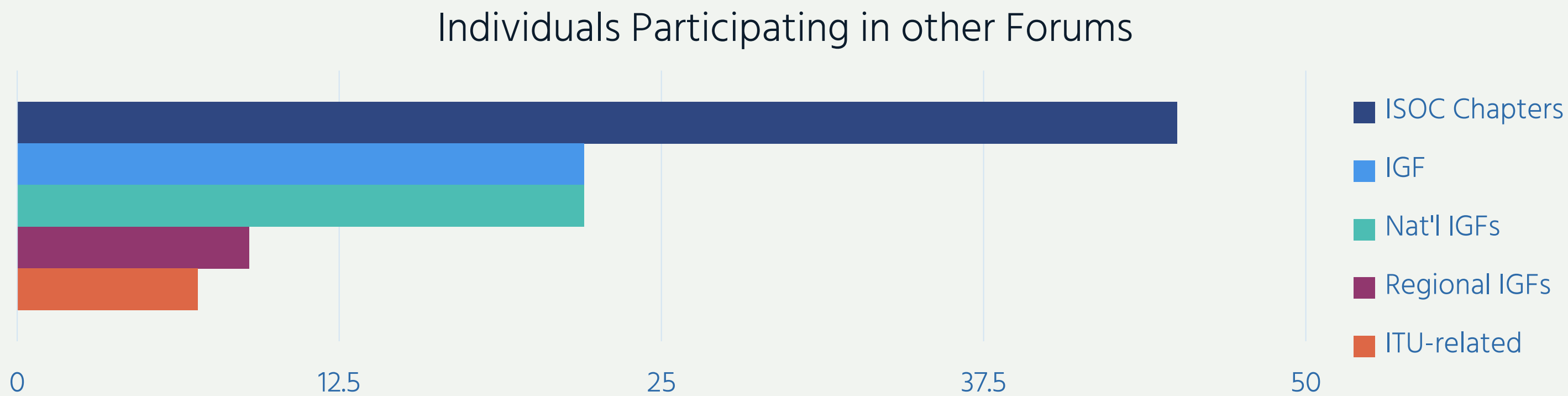
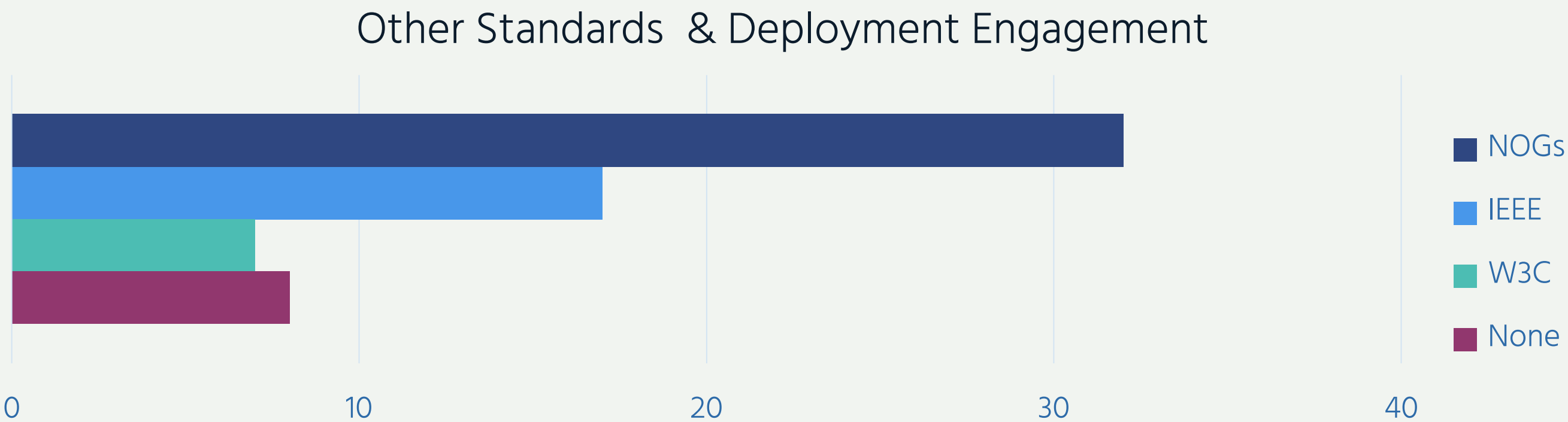
IETF Involvement



51 respondents self-reported contributions to 49 RFCs in total, including 7 co-authored RFCs

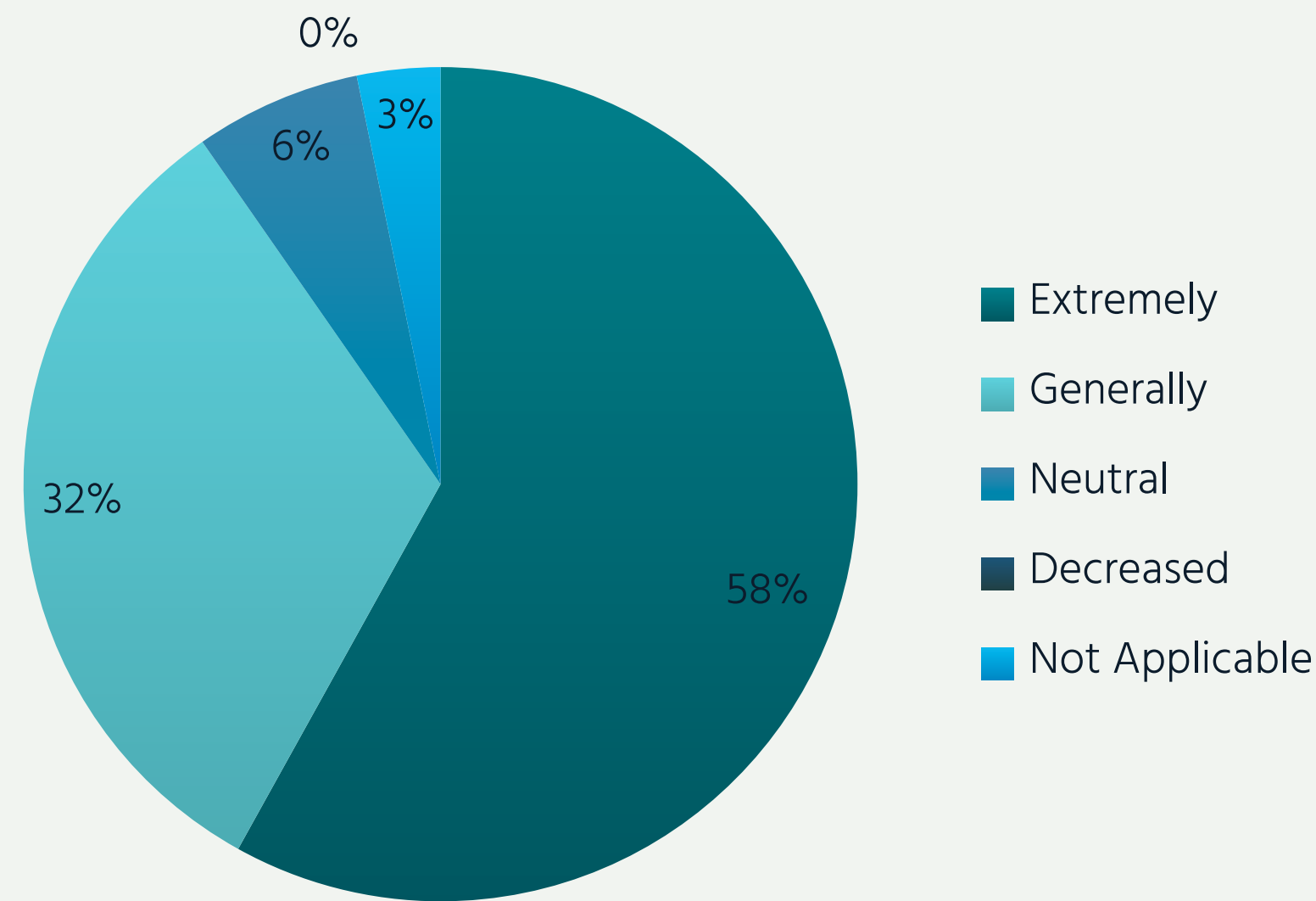


Other Engagement

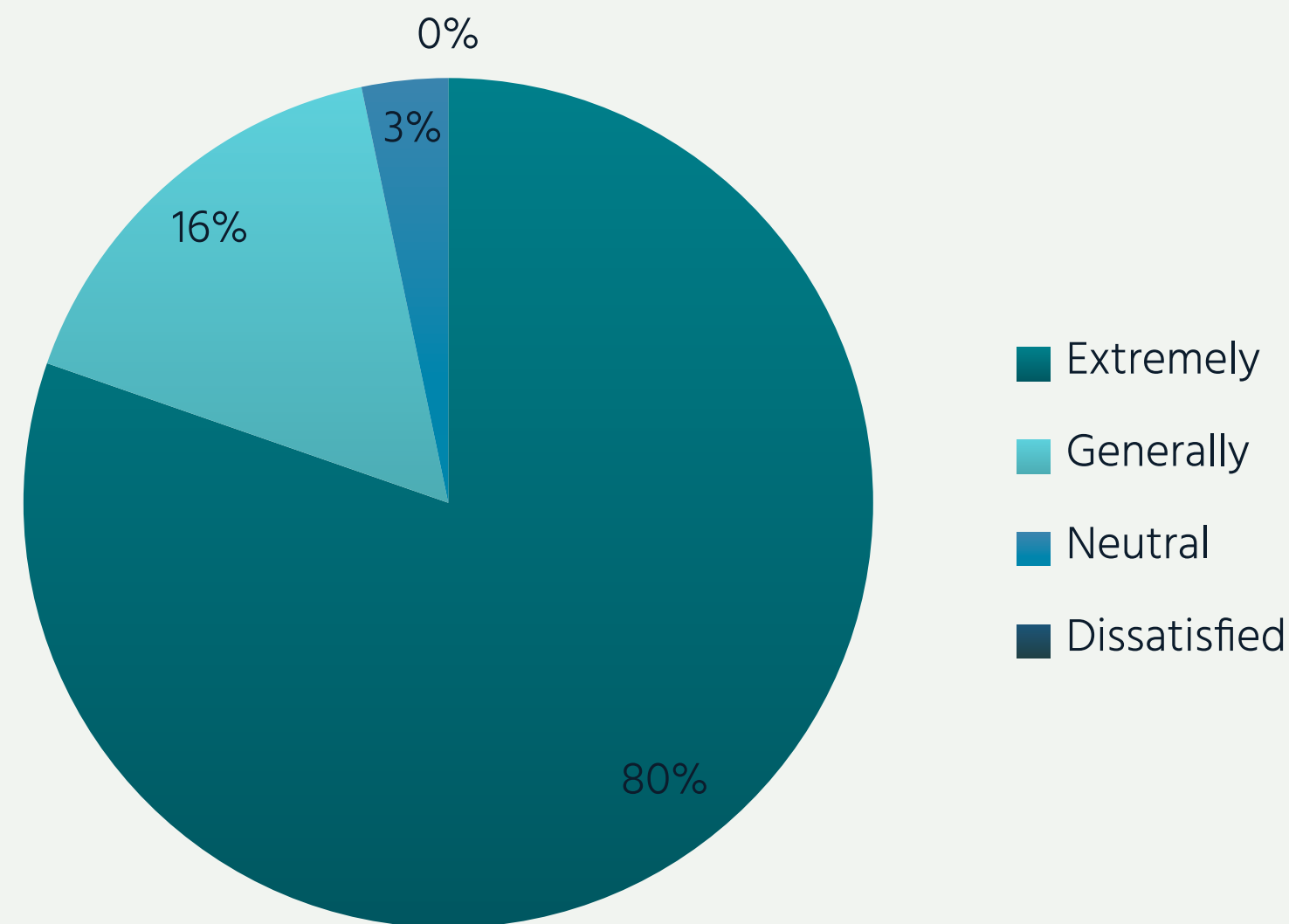


Ongoing Participation & Satisfaction

Did the programme increase your participation?



How satisfied are you with the programme?



What's the Return?

- Original intent —Increase awareness in communities
- Direct contributions to IETF
- Partner value in increasing diversity



Return on Original Intent—Increase Awareness

- Taught at my university, mentoring future participants (12+ respondents)
- Distributed IETF Journal, Tao of IETF
- Speak at regional conferences about IETF and how to get involved, including at NOG meetings
- Participate and speak of IETF in other fora, including ICANN, IGF, IDN workshops, ministry meetings
- Formation of Internet Club in Nigeria for high school and undergrad students
- IEEE partnered with ISOC to run pilot IETF-IEEE 802 Fellows exchange programme; 2 cohorts, 4 meetings
- Multiple requests for our selection criteria and processes

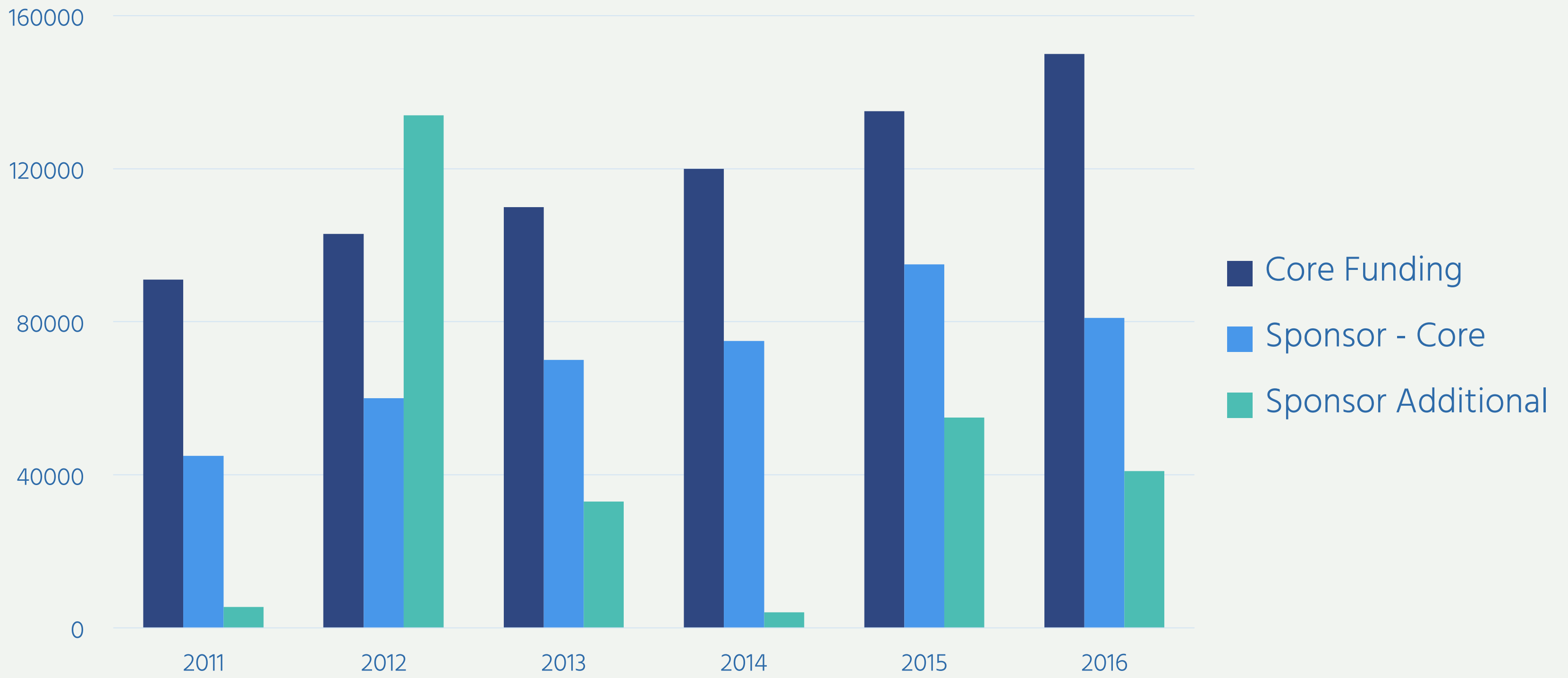


Return — Other Direct Contributions to IETF

- Six former Indian Tech Fellows launched the Indian IETF Capacity Building effort in 2015, including securing money from the government to host a meeting and build an Indian Fellows programme and mentoring network
- In LAC, many of former fellows have been involved in recruiting others and organizing local hubs for remote participation
- Former Brazilian fellows launched professor-student Fellowships where they attend 6-9 meetings over 3 years
- Driving implementation of IPv6 at university



Return— Partners



Return— Partners



Key Takeaways & Next Steps

- Contributions that happen to IETF are direct and indirect
- Fellows represent new demographics of those still to come online by age, gender, AND region
- Tech Fellows are amplifiers across tech and policy
- The programme is a model for others
- This is analysis to look at strategy going forward
- 2017 next steps include convening small team to:
 - Assess how we can engage former fellows as levers to advance ISOC priorities
 - Refine programme





“Without being a fellow I wouldn't have been able to convince my employer of the importance and relevance of IETF...also the networks that you can create being a fellow are way bigger than attending on your own.”

- Hugo Salgado

“Technically it was enriching...interesting part was policymaking which opened up a new window. Also came across various means to make Internet reach remote parts of world.”

- Chetaj Harsha



Thank you.

Toral Cowieson, Internet Leadership

Shout out to the following:

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Kellee Elkins

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