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# **Towards a Latin American CoP: The use of genomic and digital tools to enhance the conservation and use of PGRFA.**

**Mónica Carvajal-Yepes**

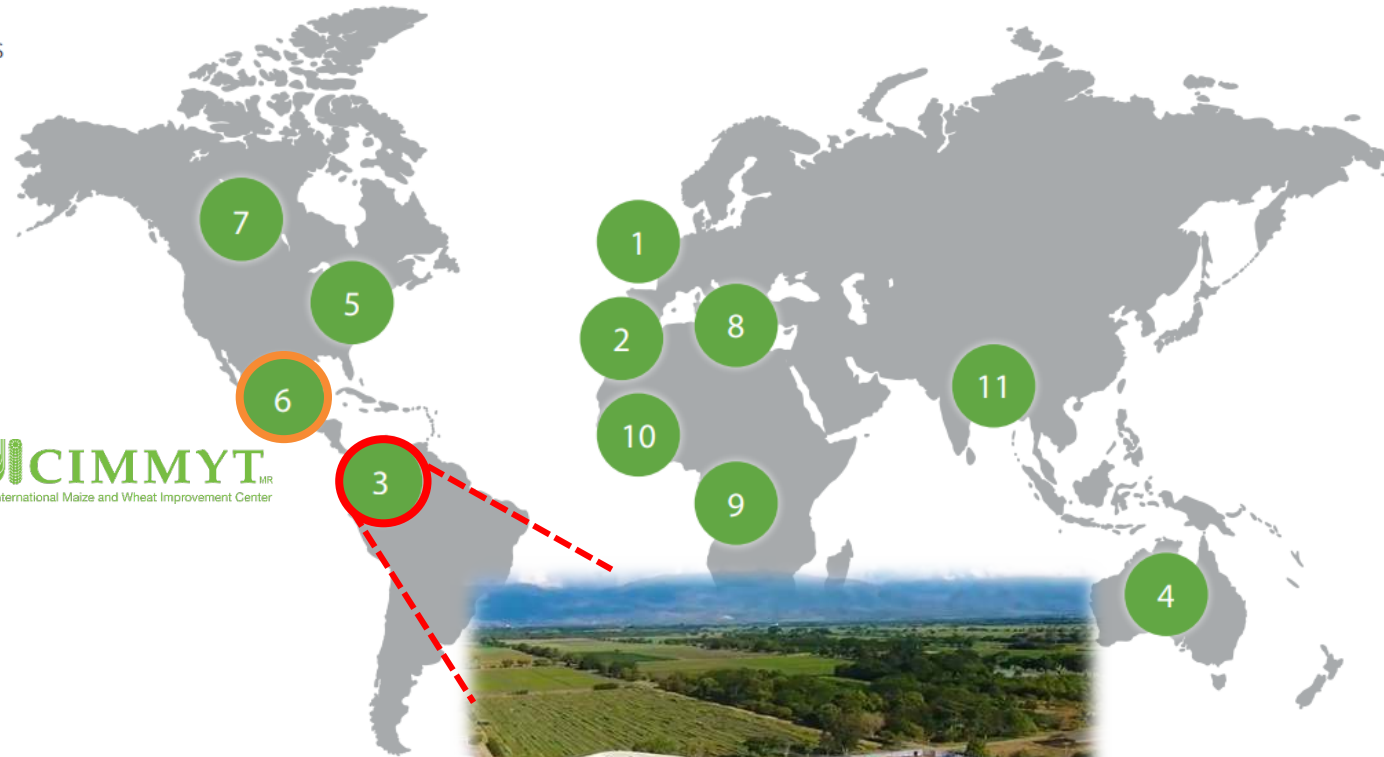
Scientist, Digital Genebank

[m.carvajal@cgiar.org](mailto:m.carvajal@cgiar.org)



# Regional and Thematic hubs

- 1 Germinate Hub
- 2 Gene bank Genomics: Unlocking the potential of plant germplasm collections
- 3 DivSeek Hub for Latin America
- 4 Australasian DivSeek Hub
- 5 Does it Taste Good? Cultural and culinary characterization
- 6 Genomic technology to democratize and empower the conservation and use of genetic resources
- 7 DivSeek hub for Canada
- 8 Global-Durum: a global platform for leveraging durum wheat diversity
- 9 Genomic characterization of African orphan crops
- 10 DivSeek Hub: West Africa
- 11 Haplotype Catalog and PanGenome Hub: Chickpea



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International Maize and Wheat Improvement Center

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## To establish the CoP for Latin America we needed to understand the needs and interested parties



- Collect and update contact information from people working with plant genetic resources and using genomics and digital tools
- Learn about which plant genetic resources are conserved, size of collections and the use of genomics and digital tools to characterize and enhance the use of the PGR.
- Identify specific needs and gaps, collaboration opportunities and workshop topics.

It was sent to a list of known contacts early in 2021 and throughout a [blog](#) published the 26th of March.



**34 questions**  
Open, Single-multiple  
choice



**48 answers**

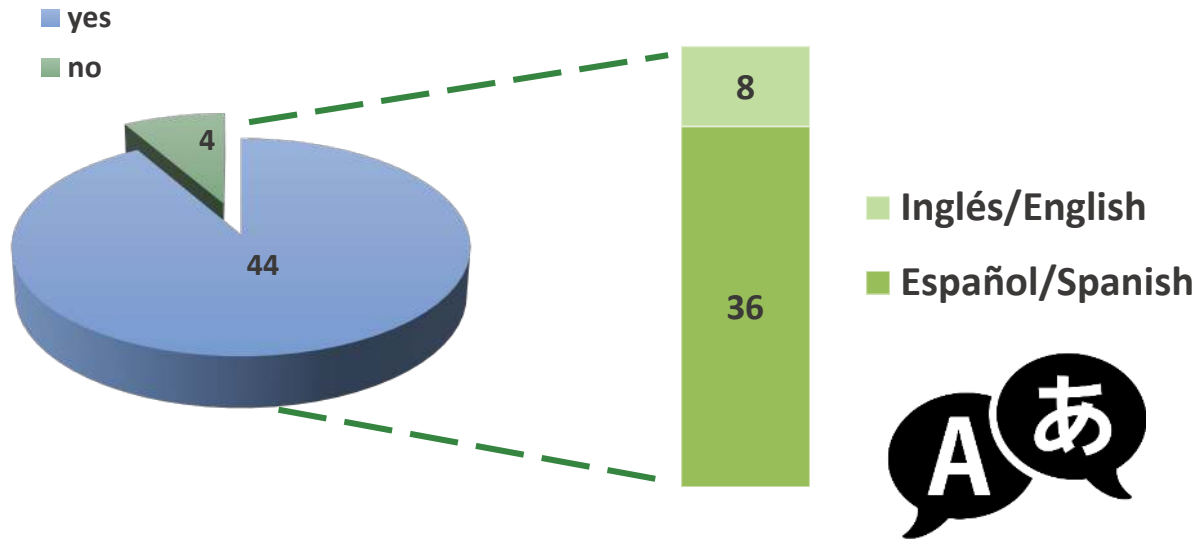


**14 countries**



**33 Institutions**

## Are you interested in joining a CoP for Latin America?

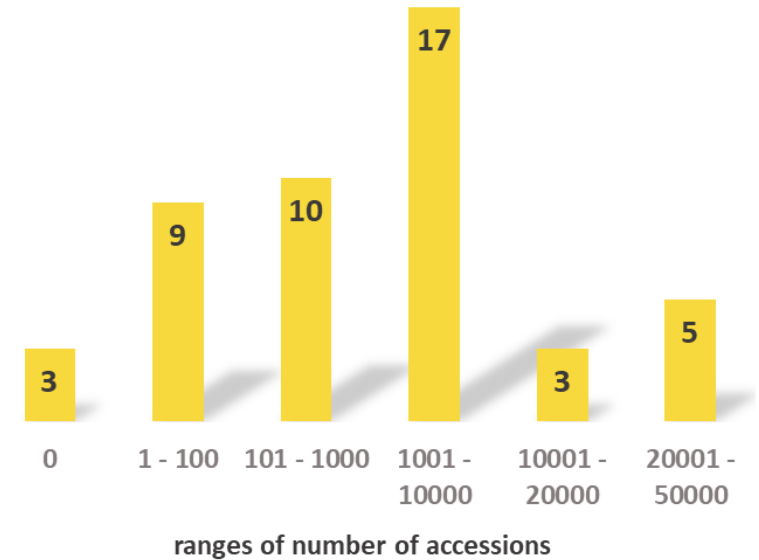


## What is your preferred language for participating in the CoP?



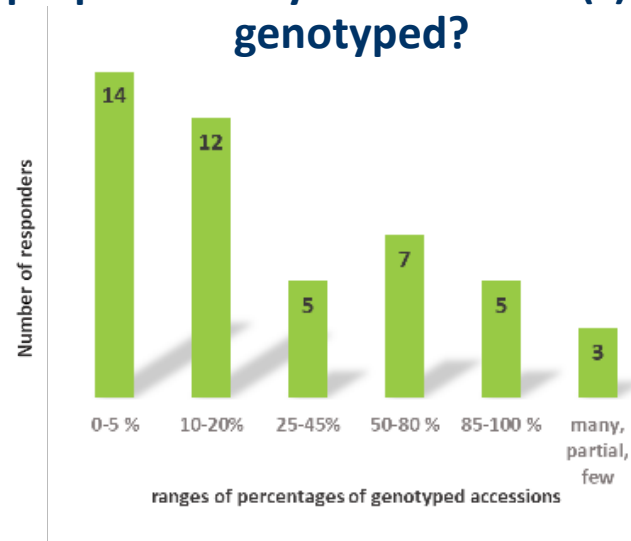
## How many accessions do(es) your collection(s) have?

Number of responders

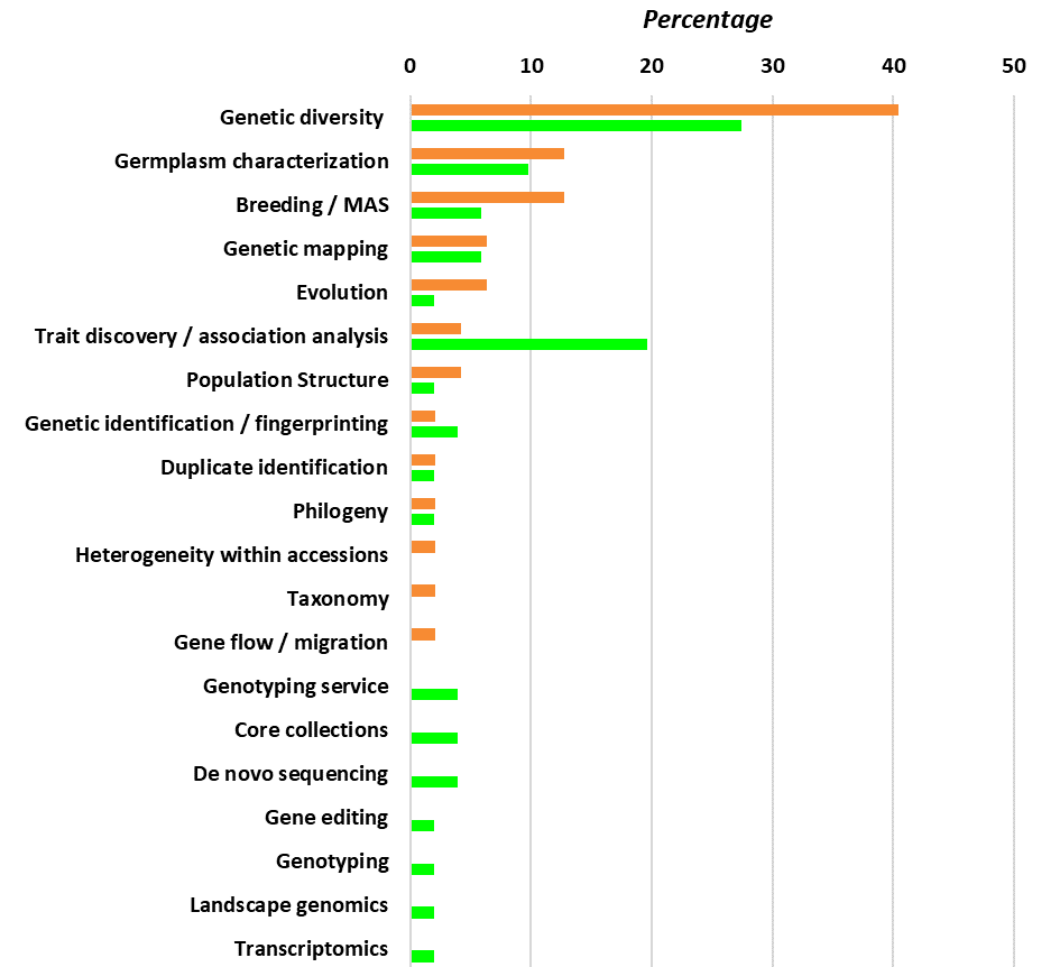




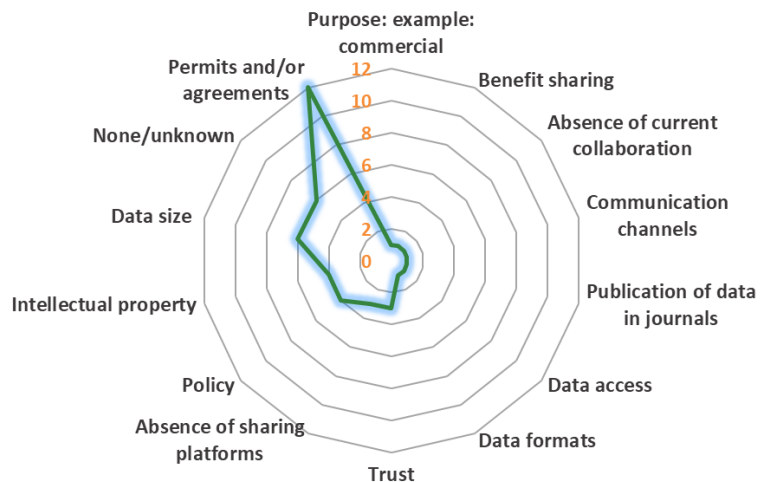
## What proportion of your collection(s) has been genotyped?



## For which purposes did you use these markers?



## What are the major challenges you have with sharing datasets between collaborators?



■ 1st generation molecular markers ■ Next-gen sequence-based markers



DIVSEK  
INTERNATIONAL  
NETWORK INC.

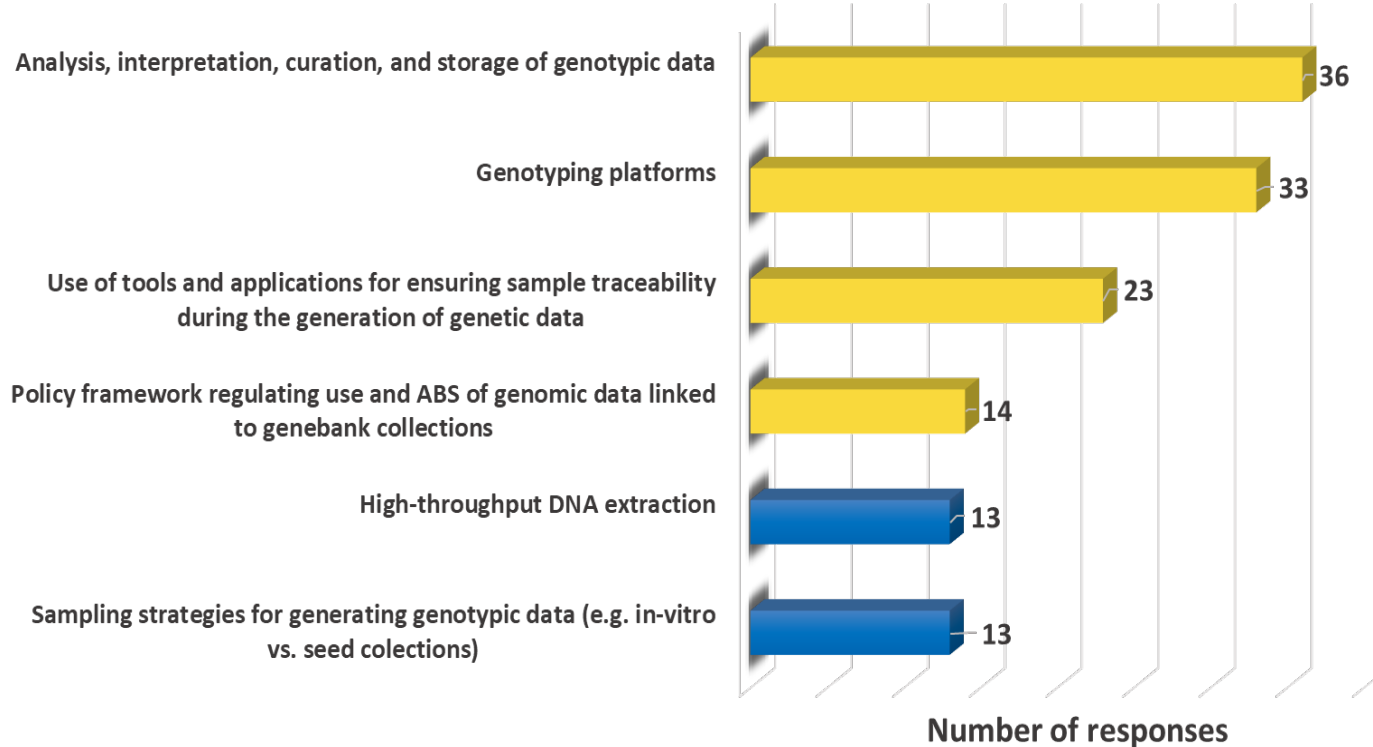
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CIAT  
International Center for Tropical Agriculture  
Since 1967, dedicated to sustainable change

## Select the three main areas for capacity development and workshops:



Socialized the survey output on the 27th October 2021 (45 participants).

### Plan for the CoP during 2022:

- Four annual meetings (~3h each)
- Make use of DivSeek connect and website to post blogs, newsletter...
- Space for sharing knowledge and capacity
- Invite experts from different fields



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# Thank you!

CIMMYT:

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Peter Wenzl & Monica Carvajal

