

19-09-2024

THE TWIN PEAKS OF THE GLOBAL AND THE LOCAL: WORLDWIDE AND MODEST INFRASTRUCTURES FOR GLOBAL HEALTH

**MILLER DÍAZ-VALDERRAMA, NATALIA NIÑO-MACHADO, CATALINA
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CODS, UNIVERSIDAD DE LOS ANDES, COLOMBIA**

EASST-4S - Making and Doing Transformations,
Amsterdam, 2024

TWIN PEAKS
Population 51201

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FINANCIATION AND CONTEXT

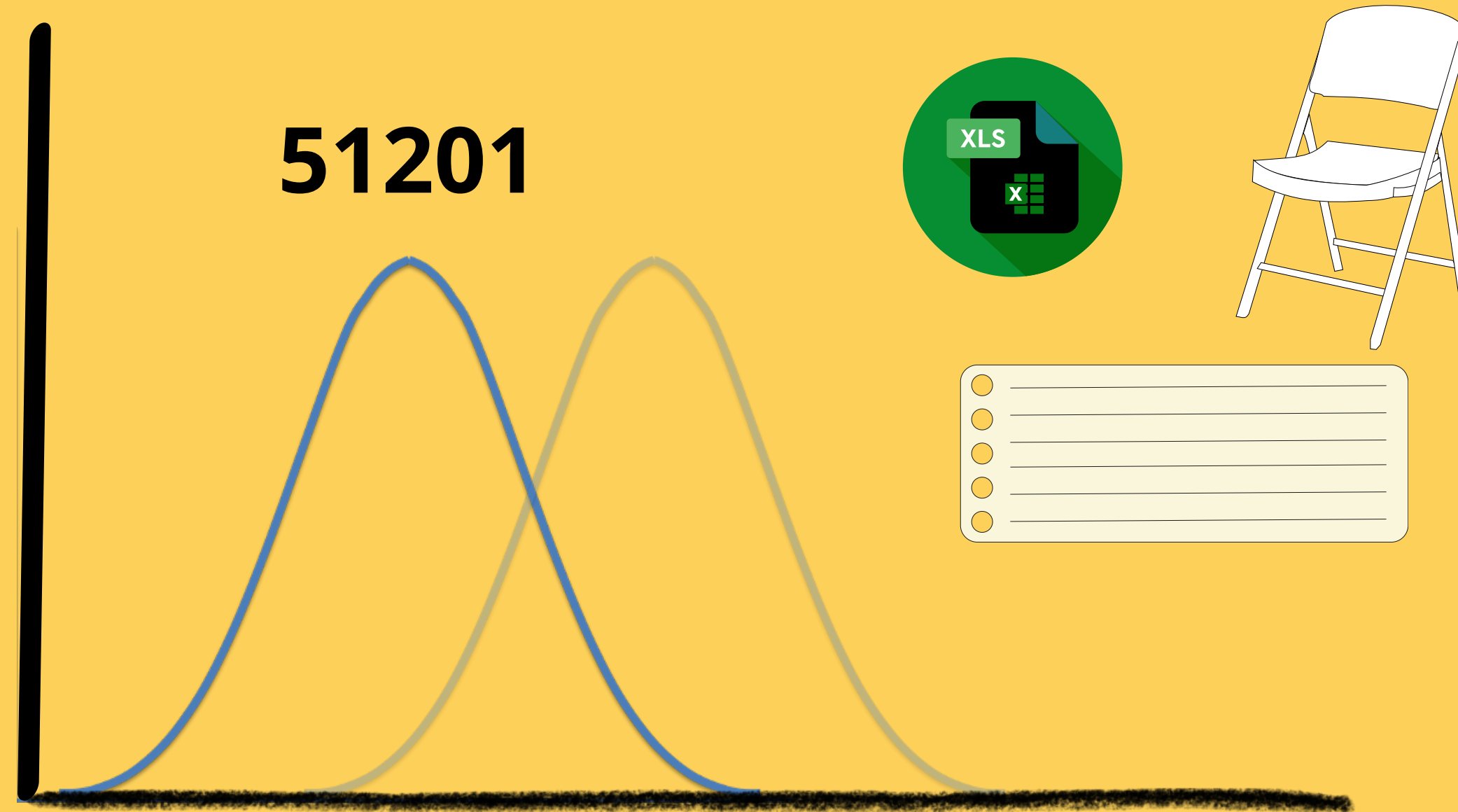
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EASST-4S - Making and Doing Transformations,
Amsterdam, 2024

TWIN PEAKS



TWIN PEAKS



The twin peaks of the global and the local: worldwide and modest infrastructures for global health

World Health Organization, Microsoft and Avanade join forces to develop a World Health Data Hub

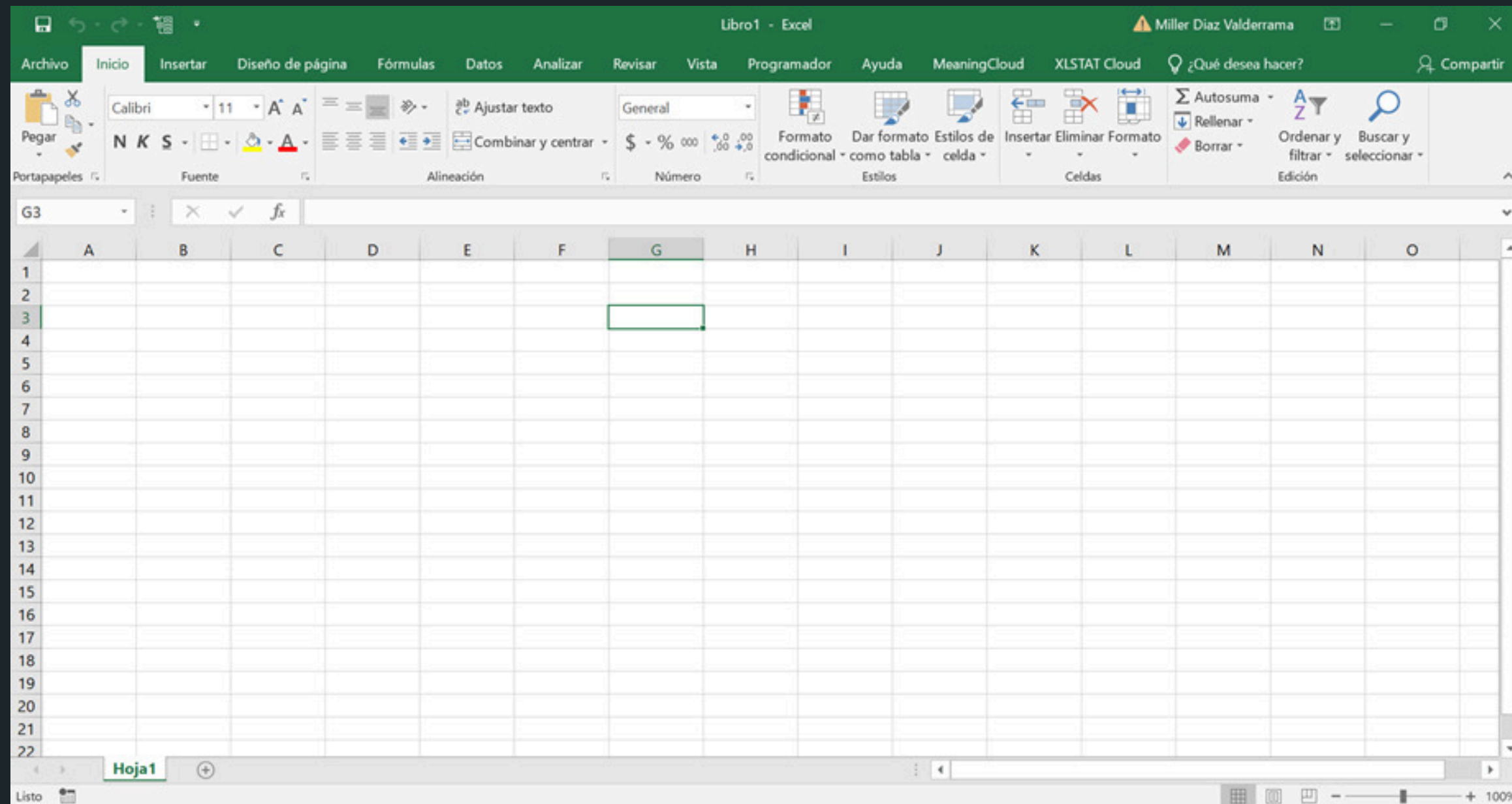
20 May 2021

Without data, it is impossible to know what impact we are having on health or how we are tracking towards our goals. We are now less than 9 years away from 2030 and have no time to lose.

The twin peaks of the global and the local: worldwide and modest infrastructures for global health

Plasticity

Opportunity vs failure



The twin peaks of the global and the local: worldwide and modest infrastructures for global health

“With this rate of growth (of covid cases), there are probably about 100,000 cases when we have peaks, so in about a month and a half, two months (of accumulation of these data on cases), we won’t be able to enter more data (on spreadsheets) and counting stops. So, one wonders whether this has already been handled before or whether it is a problem that is happening until now? and it turns to be a very old problem (...).

A century ago, for example, in a census of any country or things like that, in the case of the United States, a census of 5 million people without a computer, without anything, there it would be more than 1 million data by hand, so even Excel would fall short.

Felipe, Secretaría de Salud de Bogotá, 2021



Vacunación

la llave para salir de la pandemia



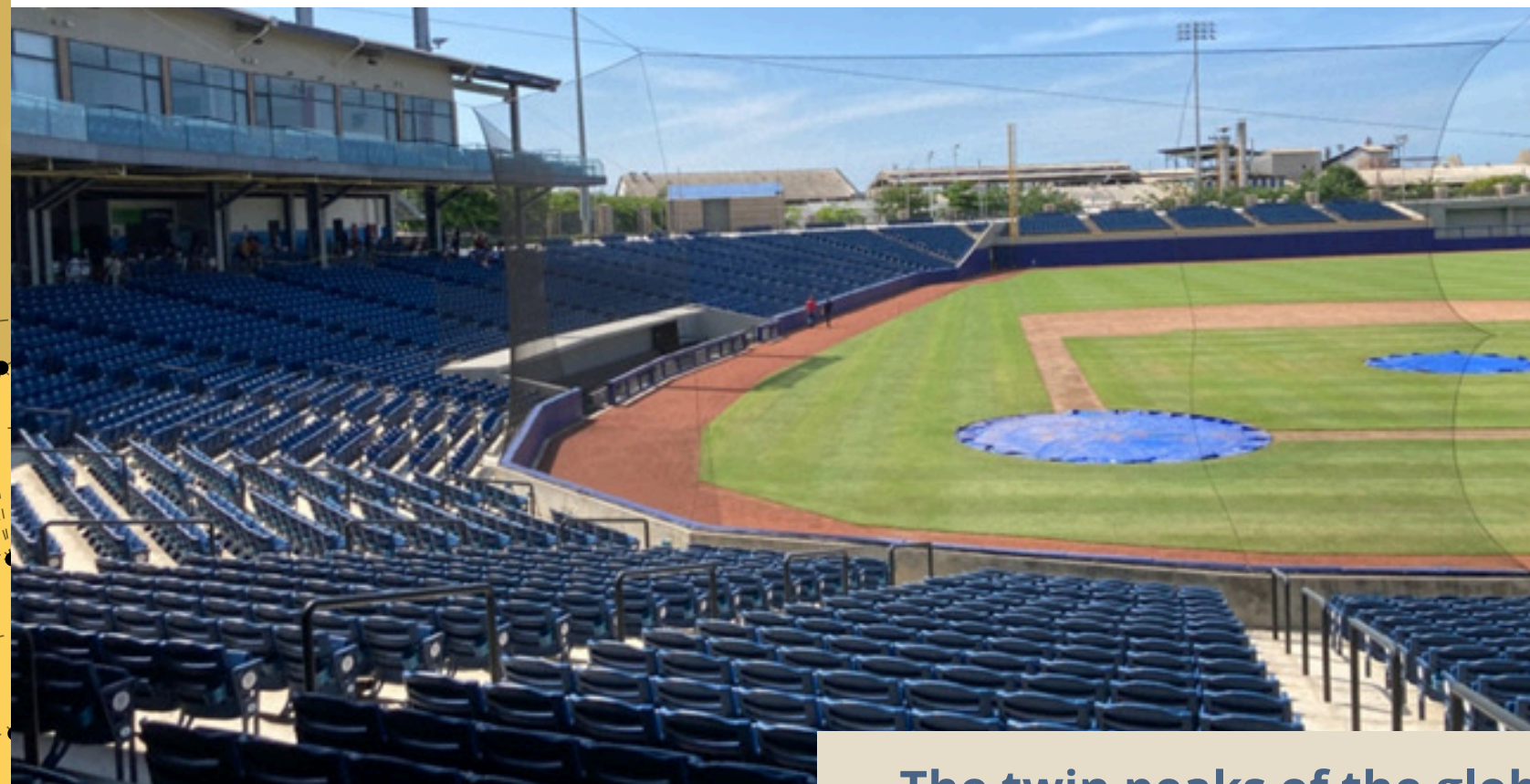
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Por logística, velocidad de vacunación no sube

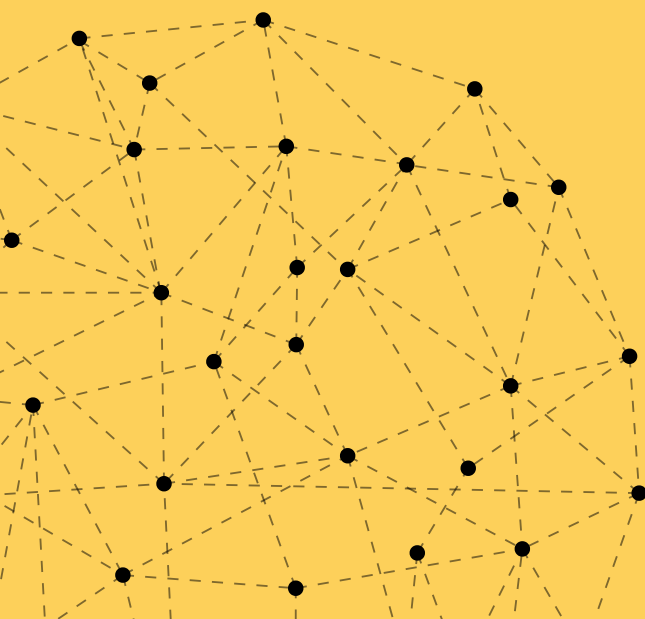
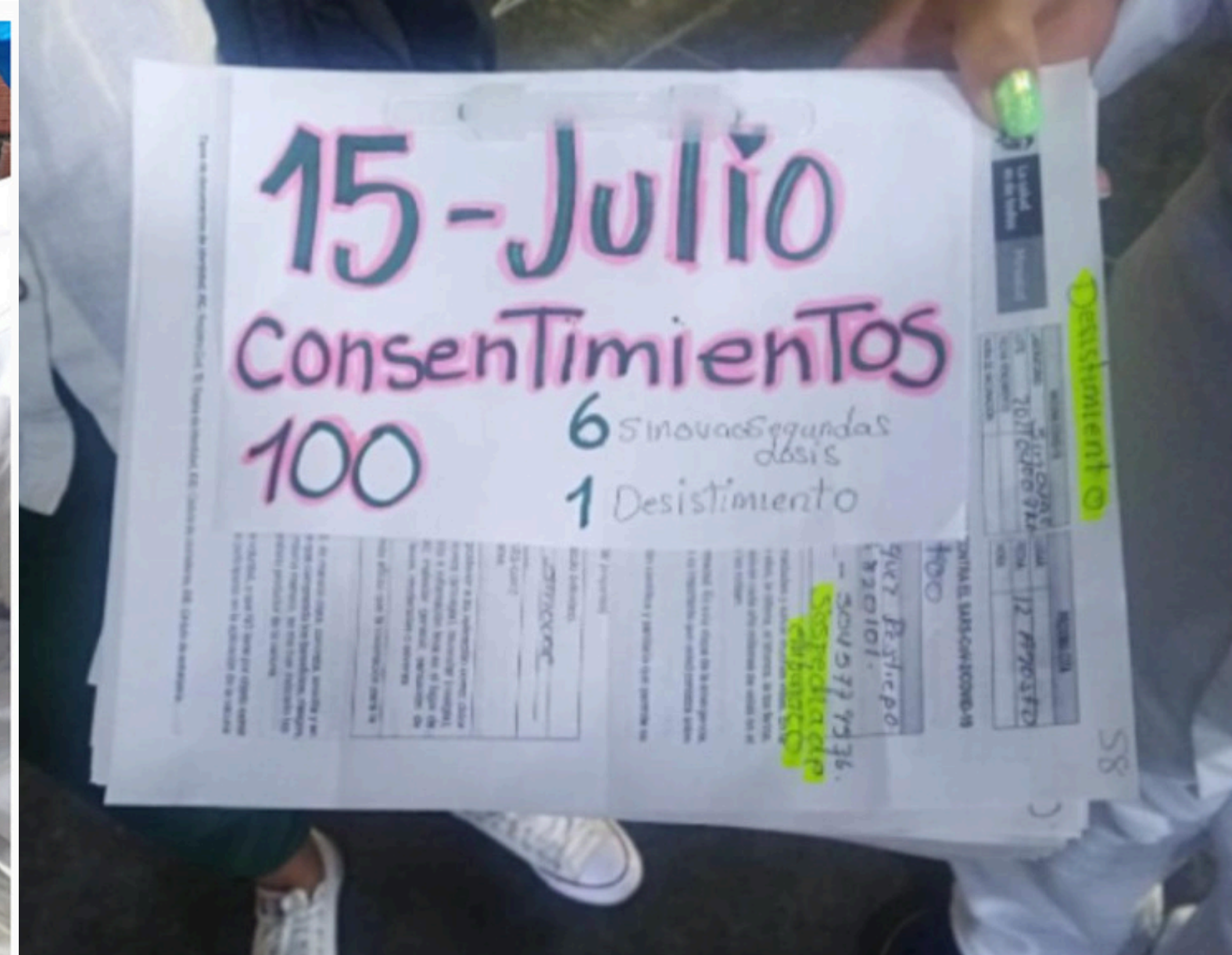
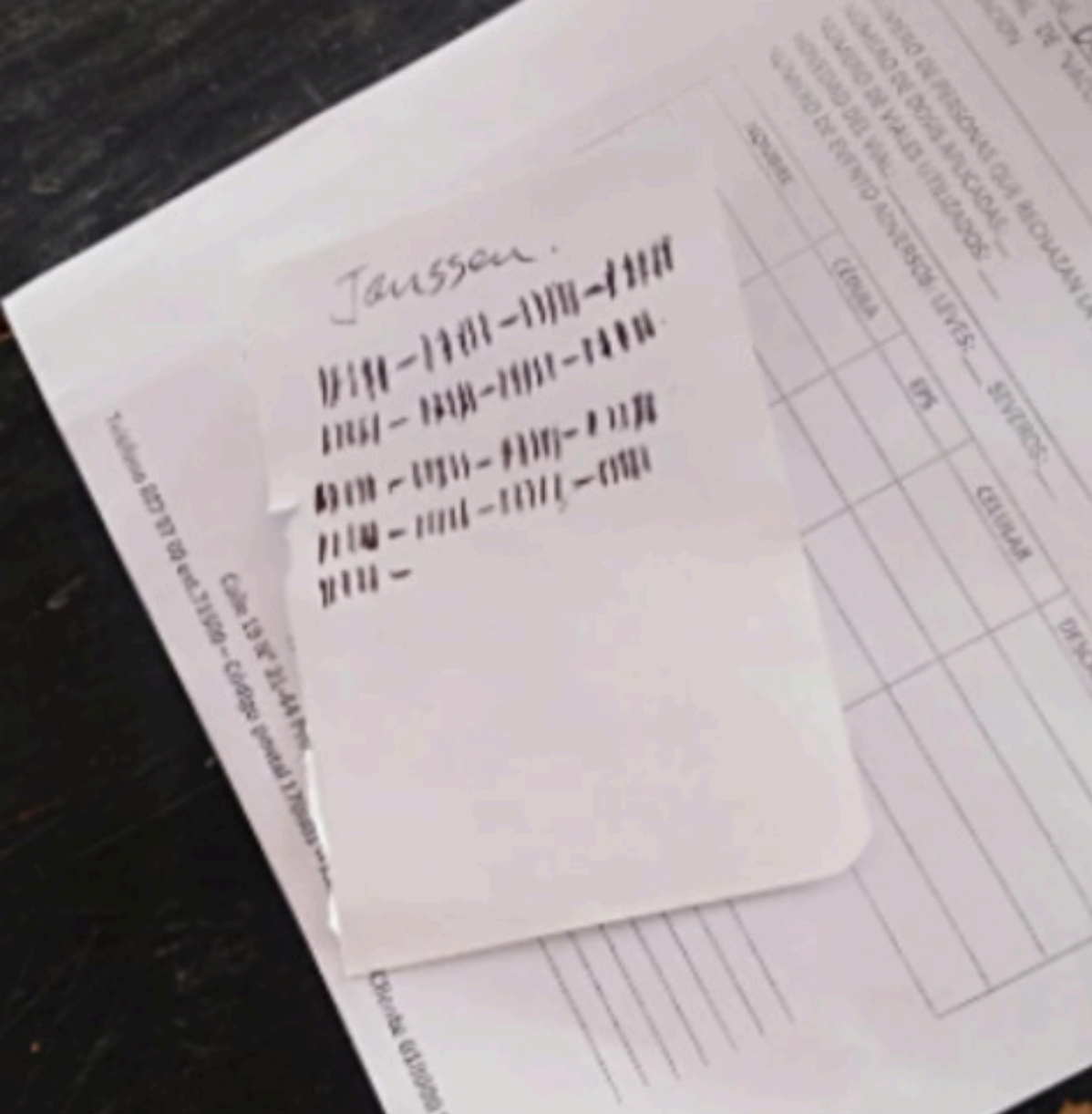
A Colombia han llegado 3'362.524 dosis de vacunas, pero se han asignado 2'242.784, distribuido 2'163.447 y se han puesto 1'299.809.



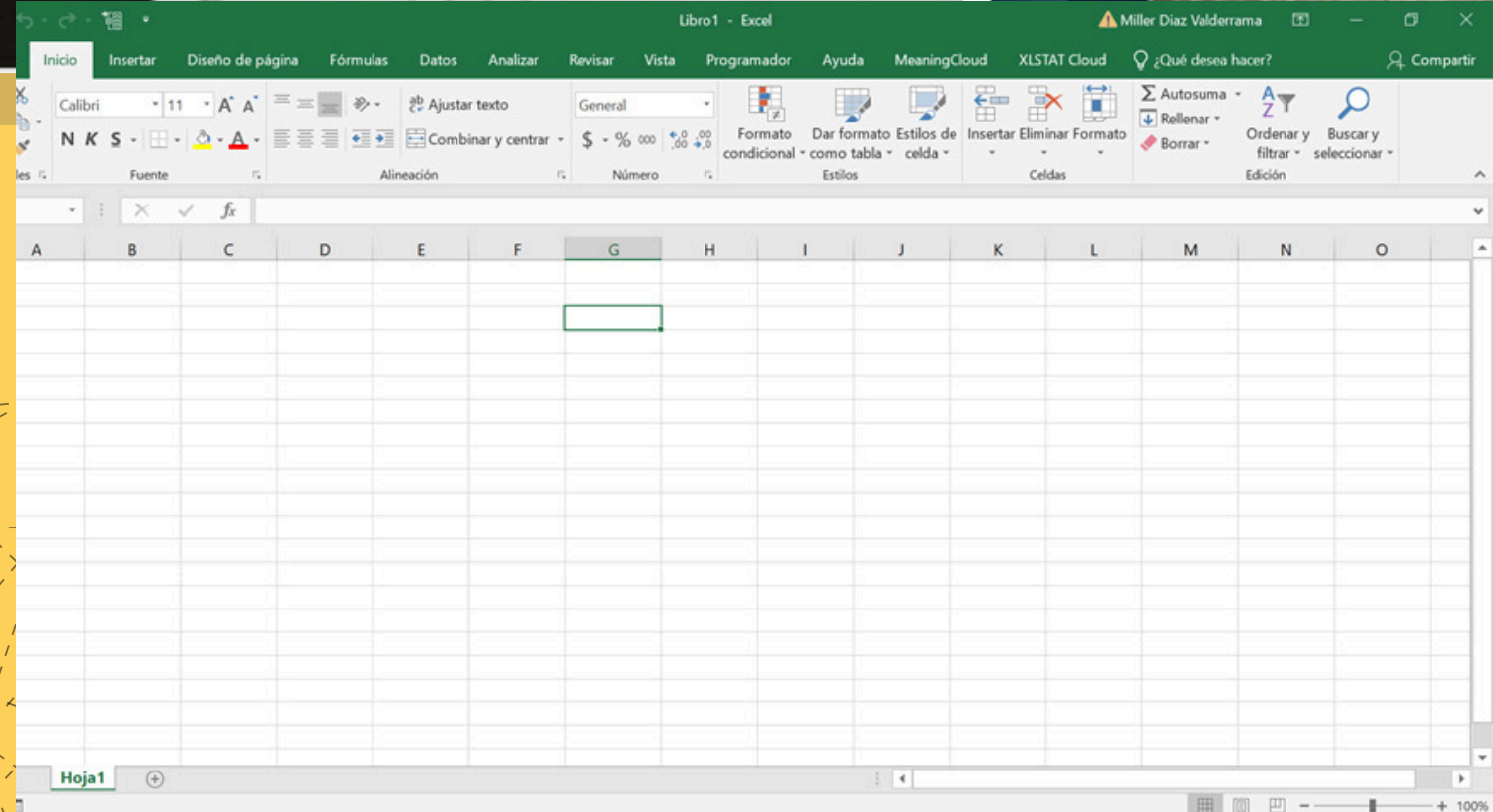
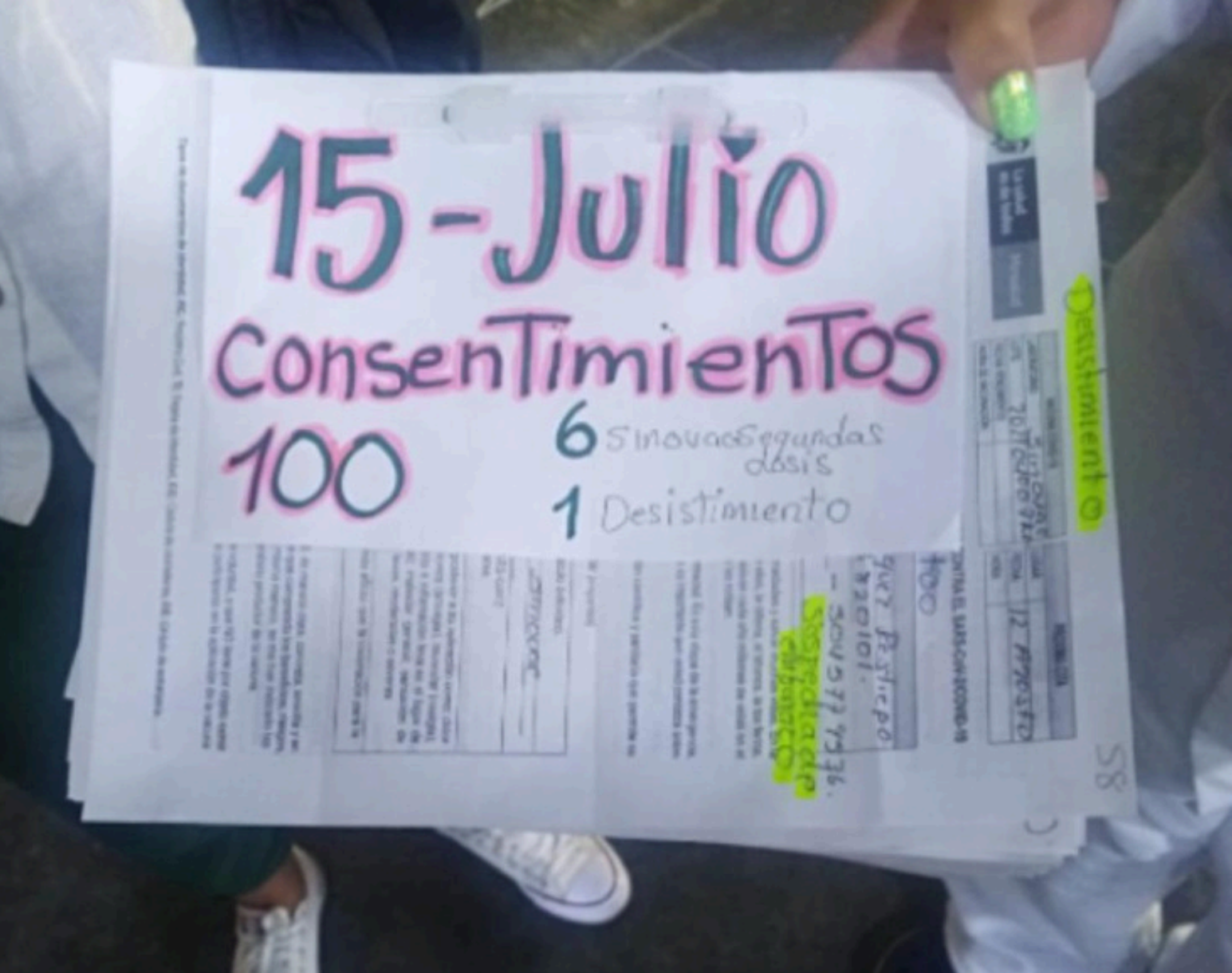
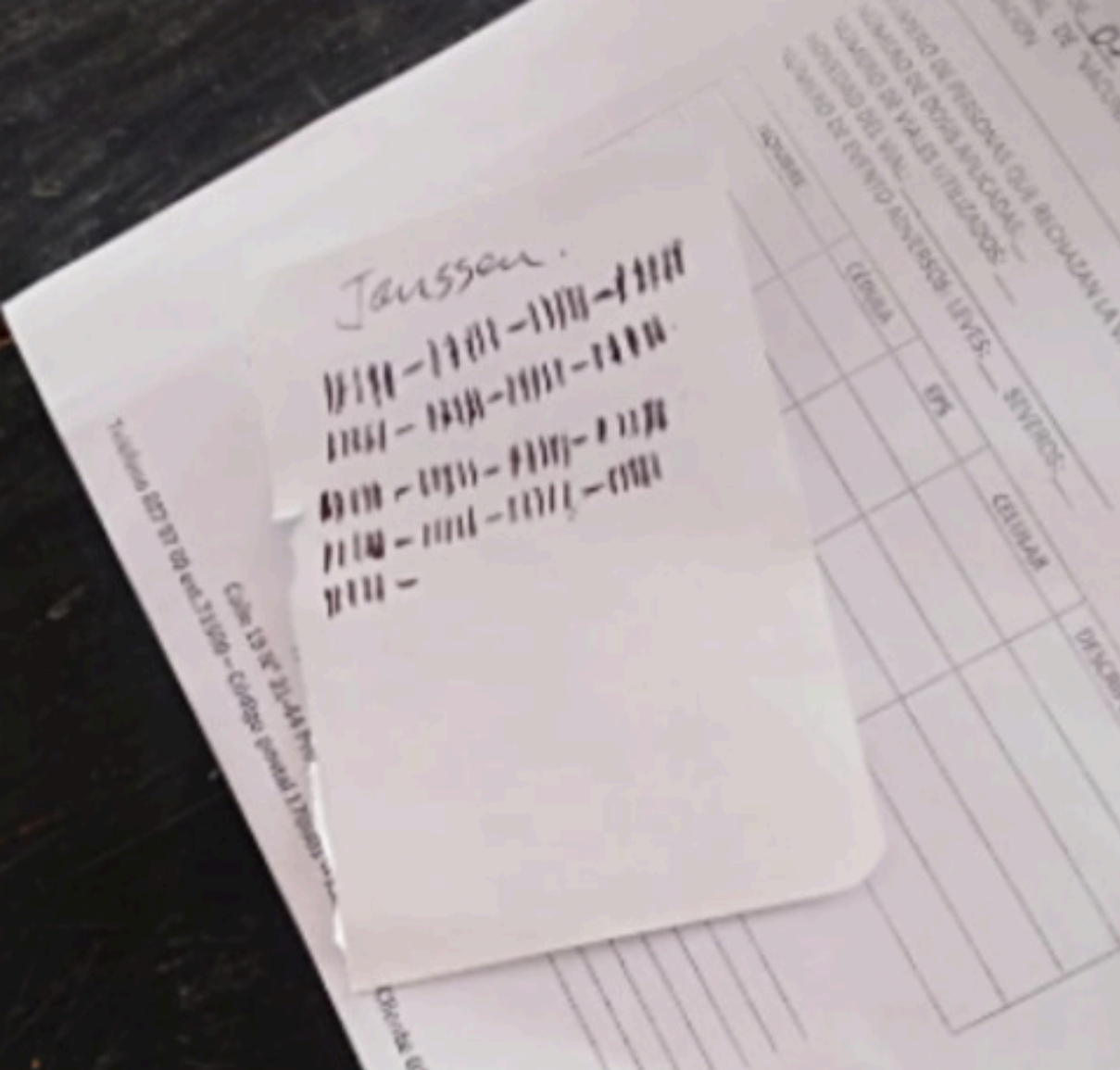
El paso a paso de la aplicación de la vacuna contra el COVID-19



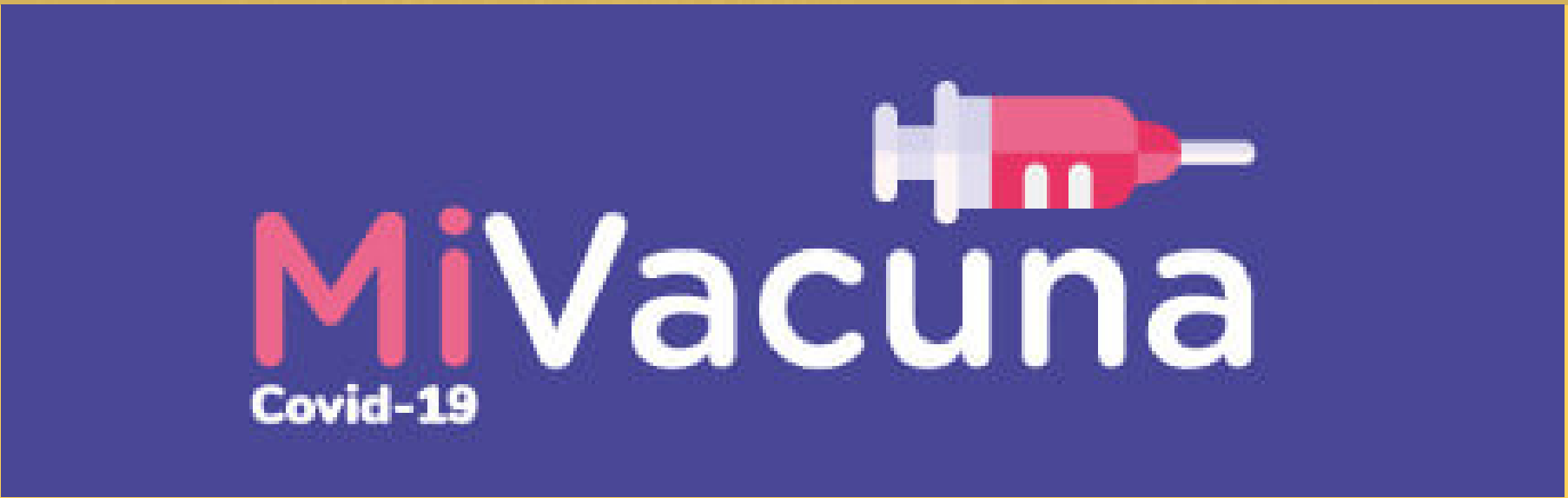
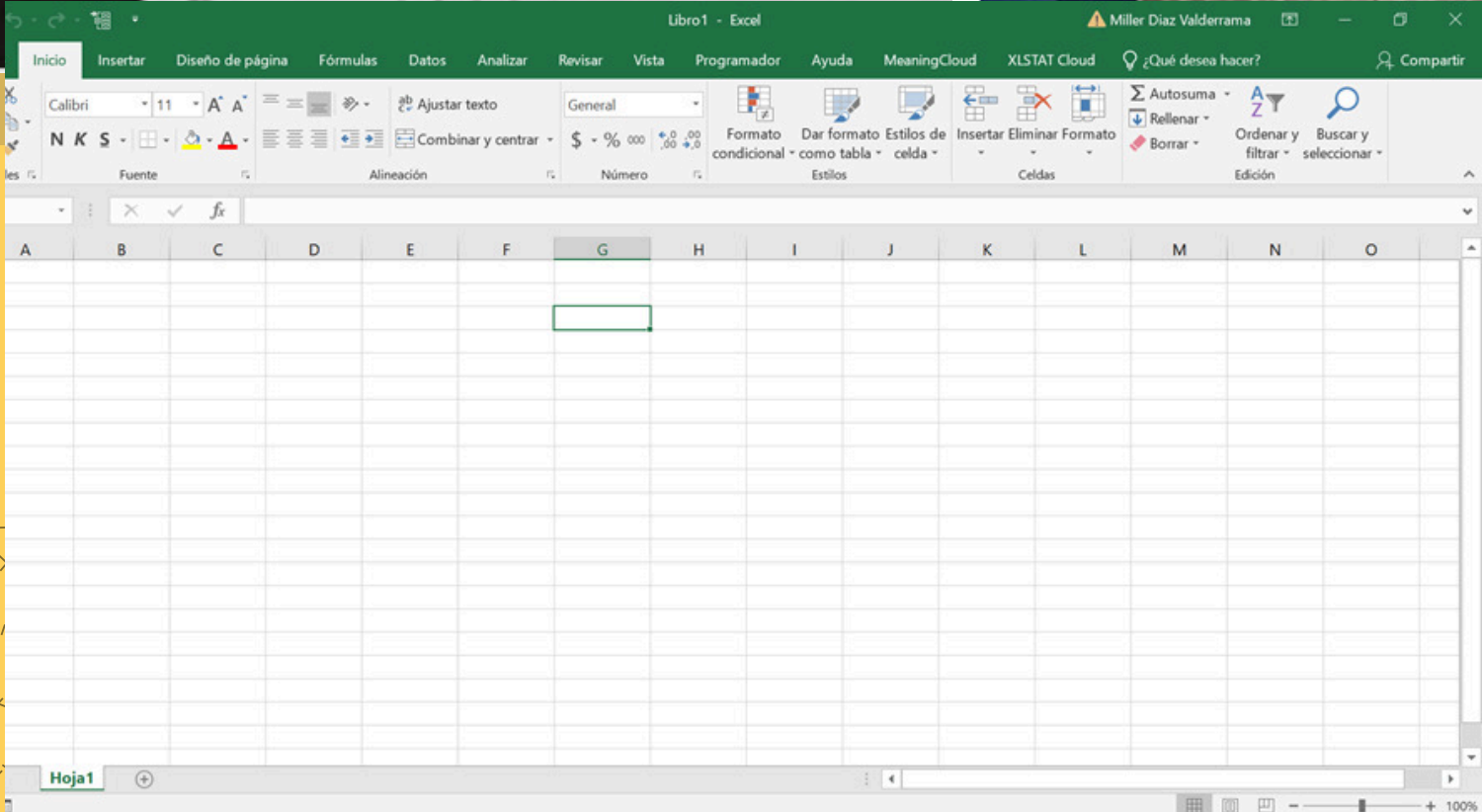
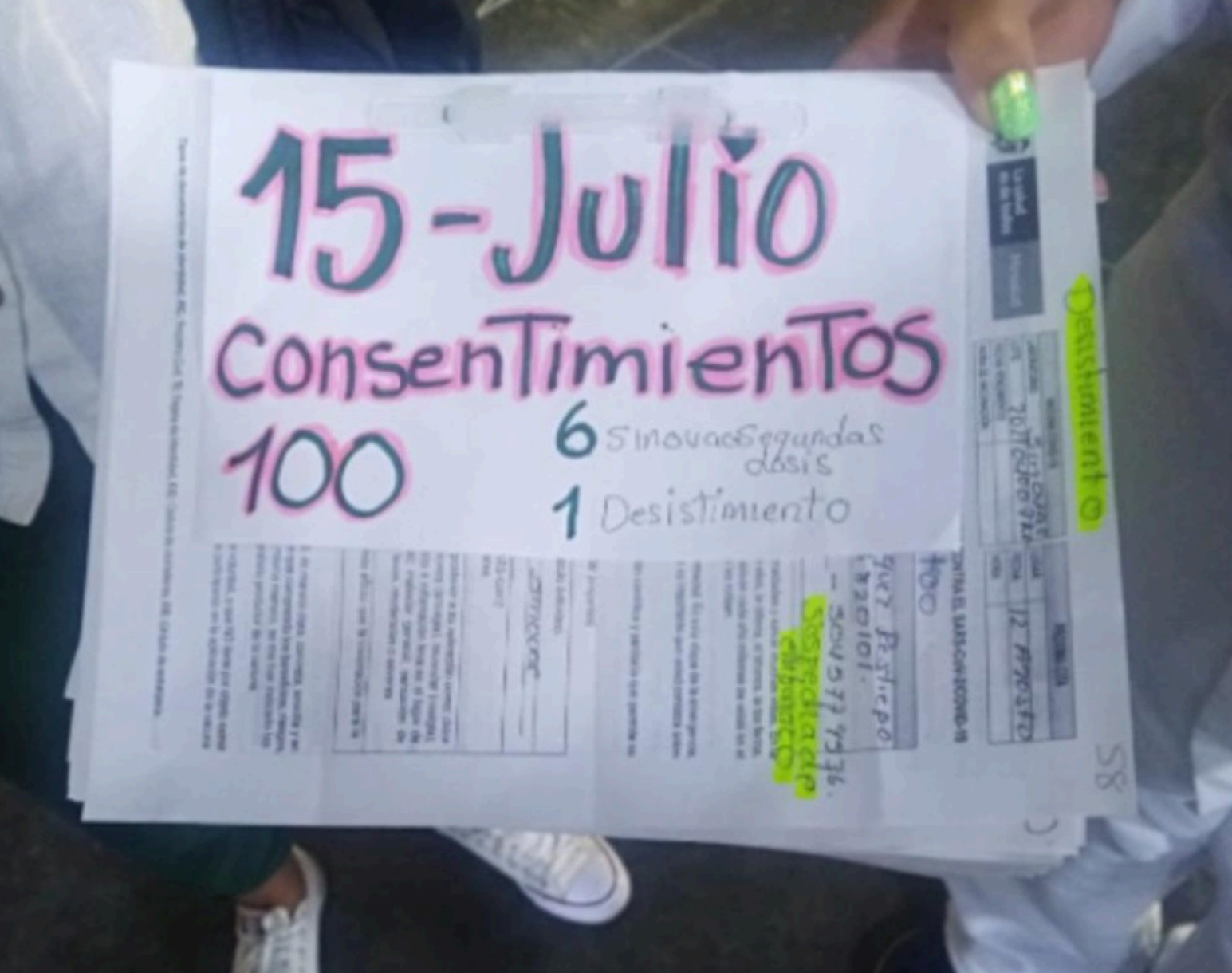
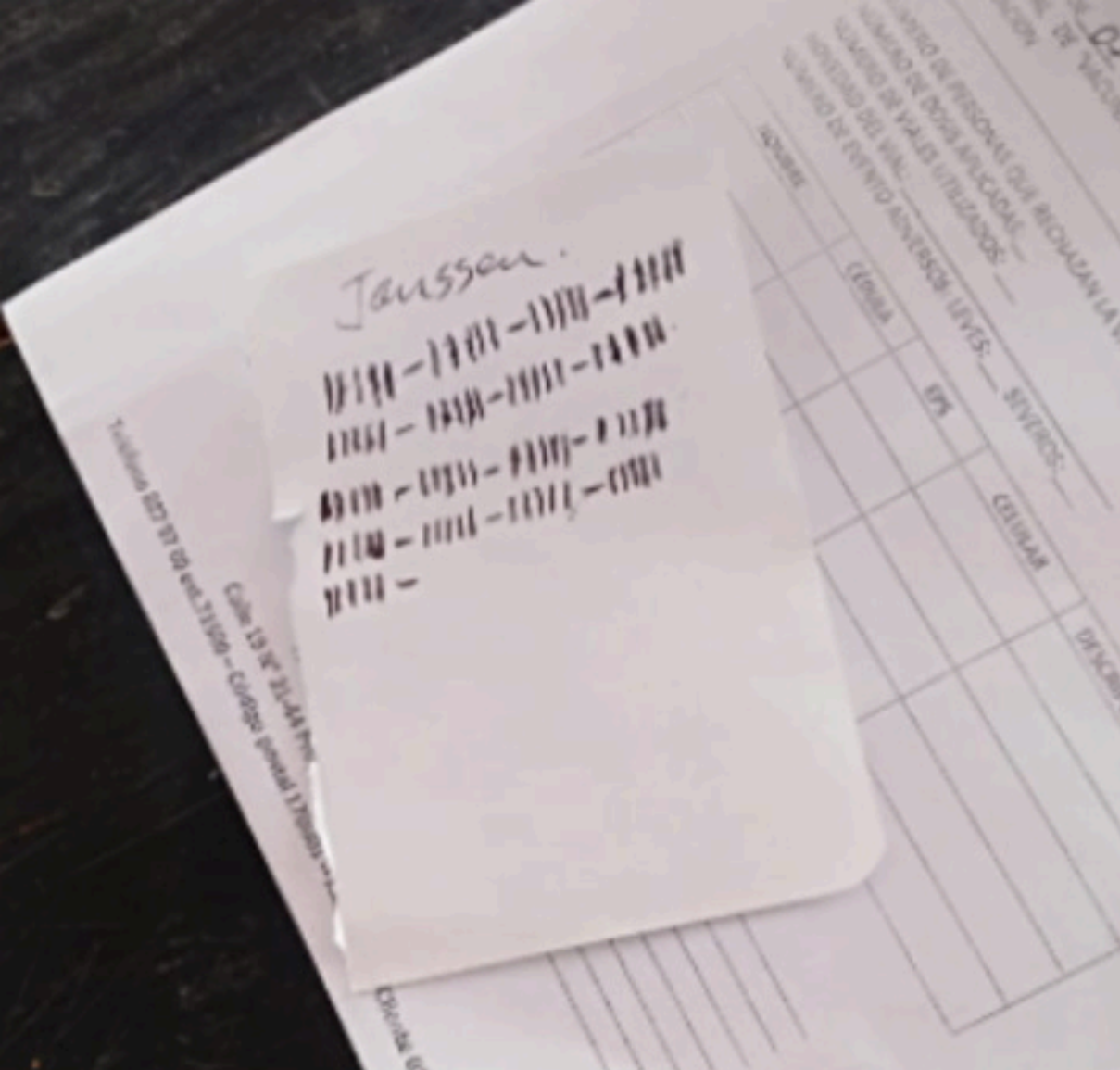
The twin peaks of the global and the local: worldwide and modest infrastructures for global health



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A case for software development

The twin peaks of the global and the local: worldwide and modest infrastructures for global health

A case for software development: TRACE-LAC

- Different temporalities
- Different scales
- Rutinary activities
(spreadsheets)
- Surveillance = control,
case by case

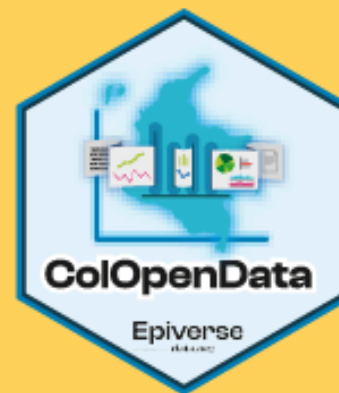


A case for software development: TRACE-LAC

Scalable tools

Surveillance = prevention, aggregated data

EARLY TASKS



MIDDLE TASKS



LATE TASKS



The twin peaks of the global and the local: worldwide and modest infrastructures for global health

- **Tools in the middle**
- **Frictions**
- **Tempering expectations**
- **Coordination:**
- **Promoting collaboration and multiple innovation**



Scaling up and scaling down: localism and grounding

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MODEST INFRASTRUCTURES

make possible action
and the bet on future
actions in times of
precariousness



flexible, fragile and
contingent, and often
overshadowed by the
imagination of promising
technological futures



Not aimed at big
solutions, but
mundane purposes



Flexible, fragile,
contingent.

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Research Papers

The masking and making of fieldworkers and data in postcolonial Global Health research contexts

Patricia Kingori & René Gerrets ✉

Pages 494-507 | Received 23 Jan 2019, Accepted 13 Apr 2019, Published online: 04 Jun 2019

Editorial

Why the pseudo matters to global health

Patricia Kingori & René Gerrets ✉

Pages 379-389 | Received 27 Feb 2019, Accepted 30 Mar 2019, Published online: 04 Jun 2019

 Cite this article  <https://doi.org/10.1080/09581596.2019.1605155>

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 Free access | Research article | First published online June 14, 2018

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[Jean-Christophe Plantin](#) ✉ [View all authors and affiliations](#)

[Volume 44, Issue 1](#) | <https://doi.org/10.1177/0162243918781268>

Articles

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Sarah R. Davies ✉ & Constantin Holmer

Pages 683-701 | Received 31 Jul 2023, Accepted 01 Feb 2024, Published online: 19 Feb 2024

 Cite this article  <https://doi.org/10.1080/1369118X.2024.2315285>

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**Not mere opposition,
but coexistence**

**The work of sustenance
behind big
“innovation” and
technological
enterprises.**



**The possibility of
challenging univocal
discourses of innovation
and technological
transformation**

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Gracias | Thank you

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The views expressed herein do not, however, represent those of IDRC or its Board of Governors.
This work was carried out thanks to a grant from the International Development Research Center (IDRC), Ottawa, Canada.