



Constructing Effective, High-Quality Research Partnerships

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WorldFish 
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Photo: Jan van der Ploeg

Making our research count

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Feast and famine in agricultural research

Nature Plants 6, 1195 (2020) | [Cite this article](#)

These studies emerge from the Ceres2030: Sustainable Solutions to End Hunger project, which brought together more than 75 global experts from 23 countries. These researchers looked at a diverse set of issues in their evaluation of more than 100,000 articles in agricultural research. Using detailed protocols registered on the Open Science Framework (<https://osf.io/adxek/>) before the work commenced, they identified all articles capable of contributing to their scientific assessment. A surprisingly consistent result was that only around 2% of published agricultural and agronomic research has original and high-quality data about solutions for small-scale producers⁴.

<https://www.nature.com/articles/s41477-020-00795-9>

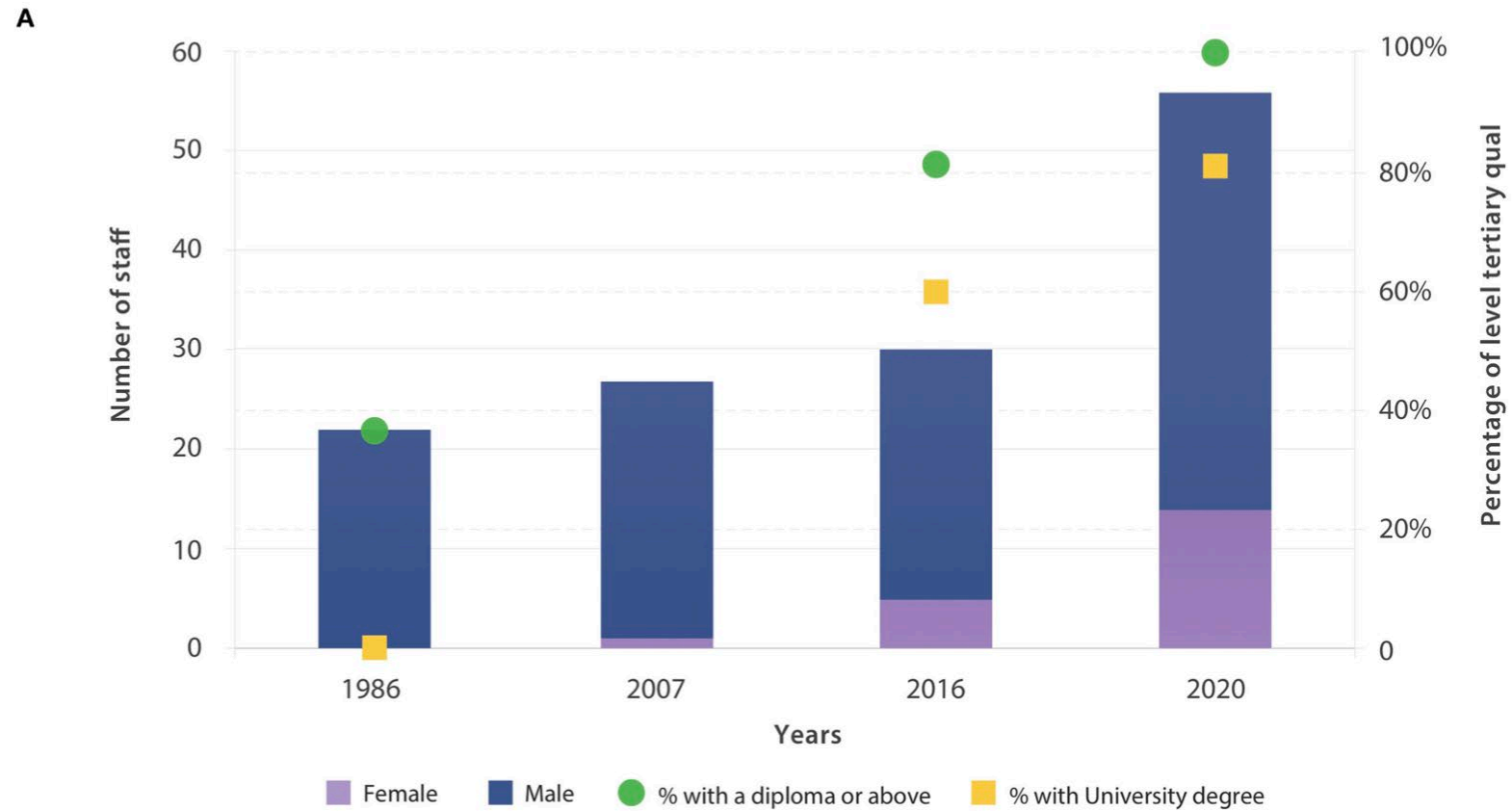
“High-Quality Partnerships”

The CGIAR Quality of Research for Development framework	
Relevance <i>Learning is aligned with national and regional priorities and incorporates stakeholder engagement in planning</i>	Credibility <i>Dependable and sound knowledge that is logically interpreted and gained from rigorous method and evaluated in peer review</i>
Legitimacy <i>Ethical and fair representation of all involved and sensitive to perspectives of contributors and intended users</i>	Effectiveness <i>Knowledge, products and services have high potential to address a problem and contribute to innovative solutions</i>

A survey of CGIAR Science Leaders in June 2020 showed that...Science Leaders found QoR4D elements of **Legitimacy and Effectiveness to be challenging to mainstream** into planning, management, and practice.

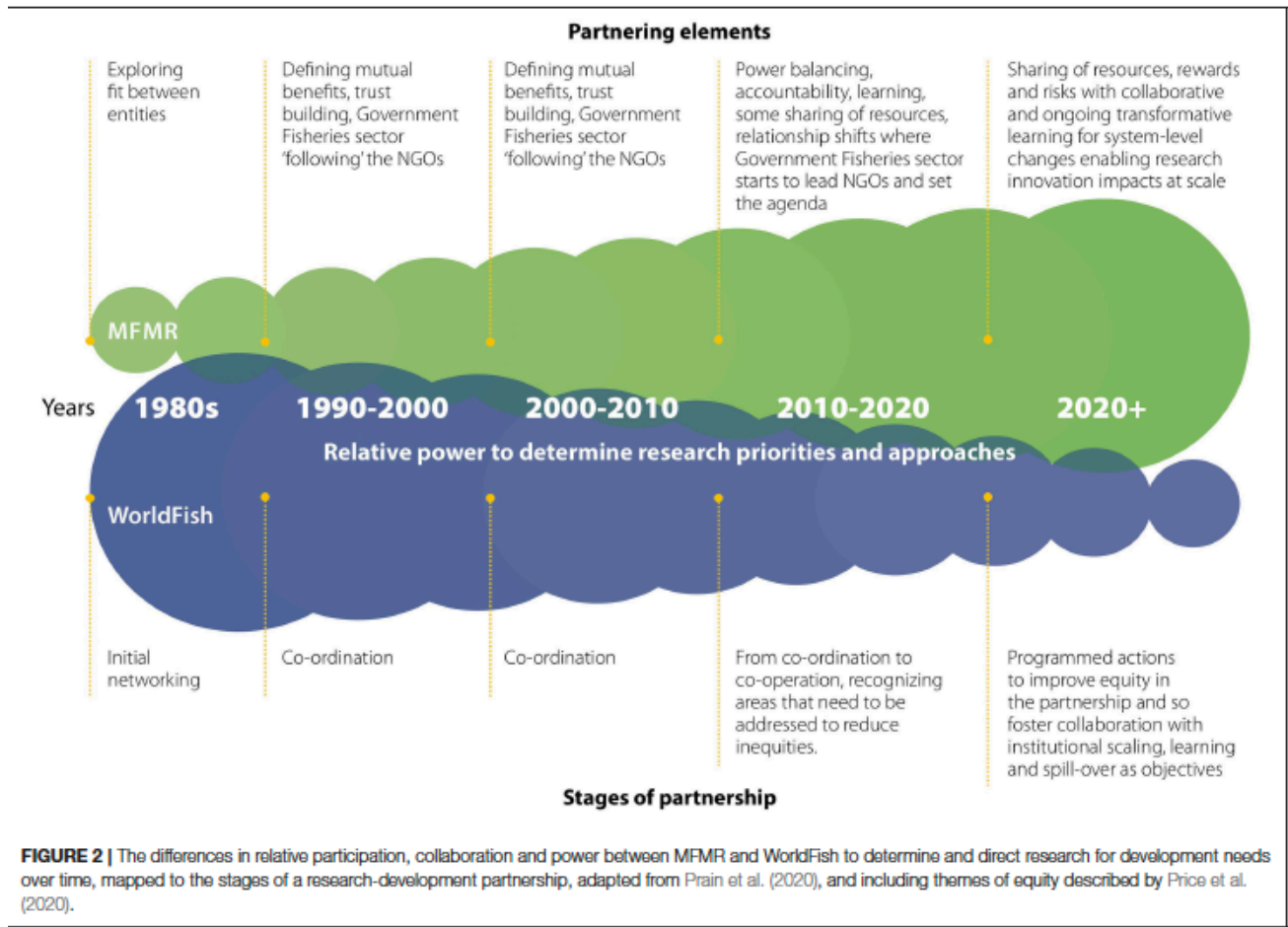
Independent Science for Development Council (ISDC) 2020:
<https://iaes.cgiar.org/isdc/publications/quality-research-development-practice-one-cgiar>

National agency capacity



Schwarz A-M et al. 2021 Three decades of research integration. *Food Syst.* 5:757407.
<https://www.frontiersin.org/articles/10.3389/fsufs.2021.757407/full>

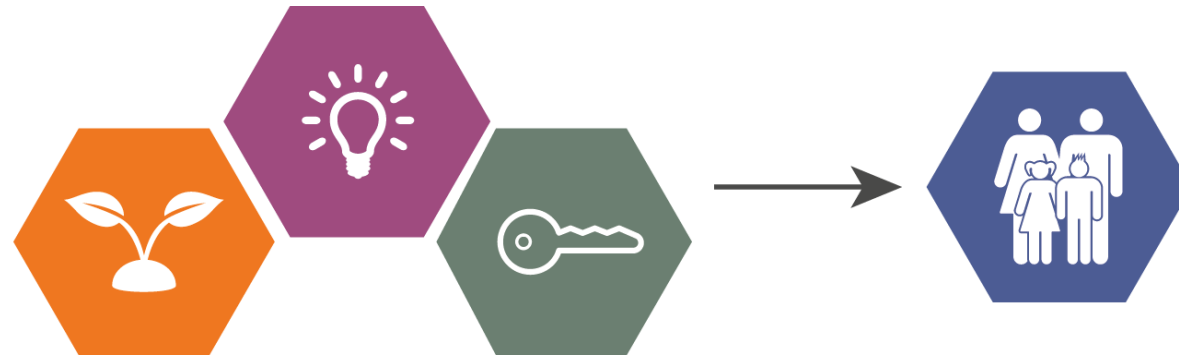
Power over priorities



Schwarz A-M et al. 2021 Three decades of research integration. Food Syst. 5:757407. <https://www.frontiersin.org/articles/10.3389/fsufs.2021.757407/full>

Research approaches

Research-for-development:



Research-in-development:





Honiara, Solomon Islands



TL

PNG



Dili, Timor Leste



SLB



VUT



KIR

TKL

WLF

WSM

ASM

PYF

NIU

COK

NCL

FJI

TON



1,000 km



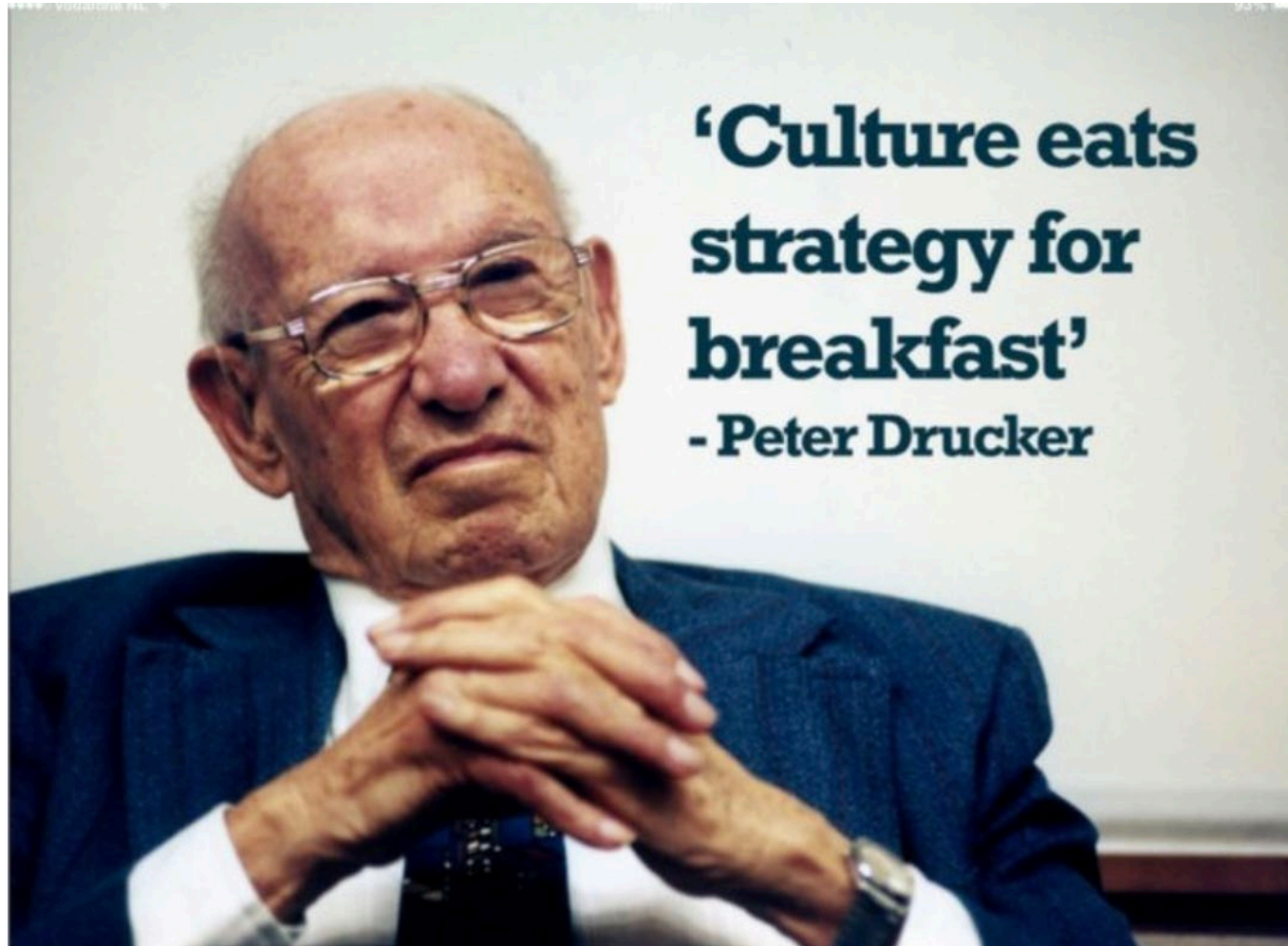
Wollongong, Australia



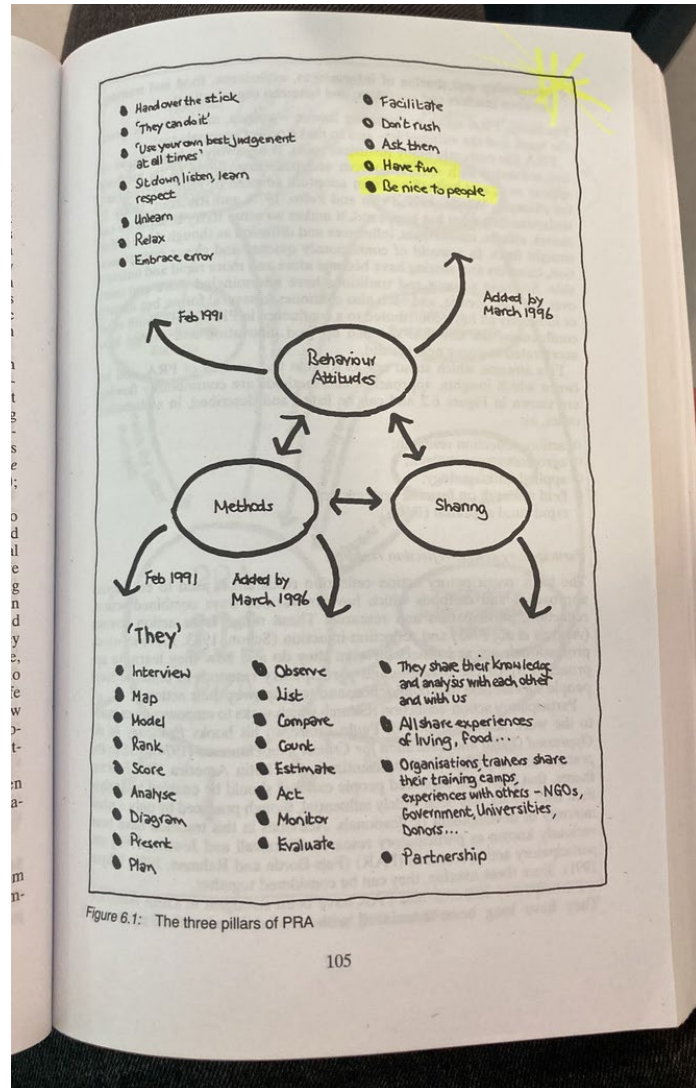
Nouméa, New Calédonia

31 Staff members
8 PhD students
6 MSc students

“The current strategies that you and your teams use to support the uptake and use of the knowledge you generate.”



Culture is made up of research behaviours and attitudes



“Listen”

“Have fun”

“Be nice to people”

Robert Chambers 1997