



EMPOWERED OR JUST A METRIC INDEX?

WOMEN IN INDONESIAN DAIRY HOUSEHOLDS

The Crawford Fund Annual Conference

**Progress and Prospects for
Climate-Resilient Agrifood
Systems: Actionable
Recommendations for
Policymakers and Practitioners**

11-12 August 2025

Parliament House, Canberra, Australia, and online



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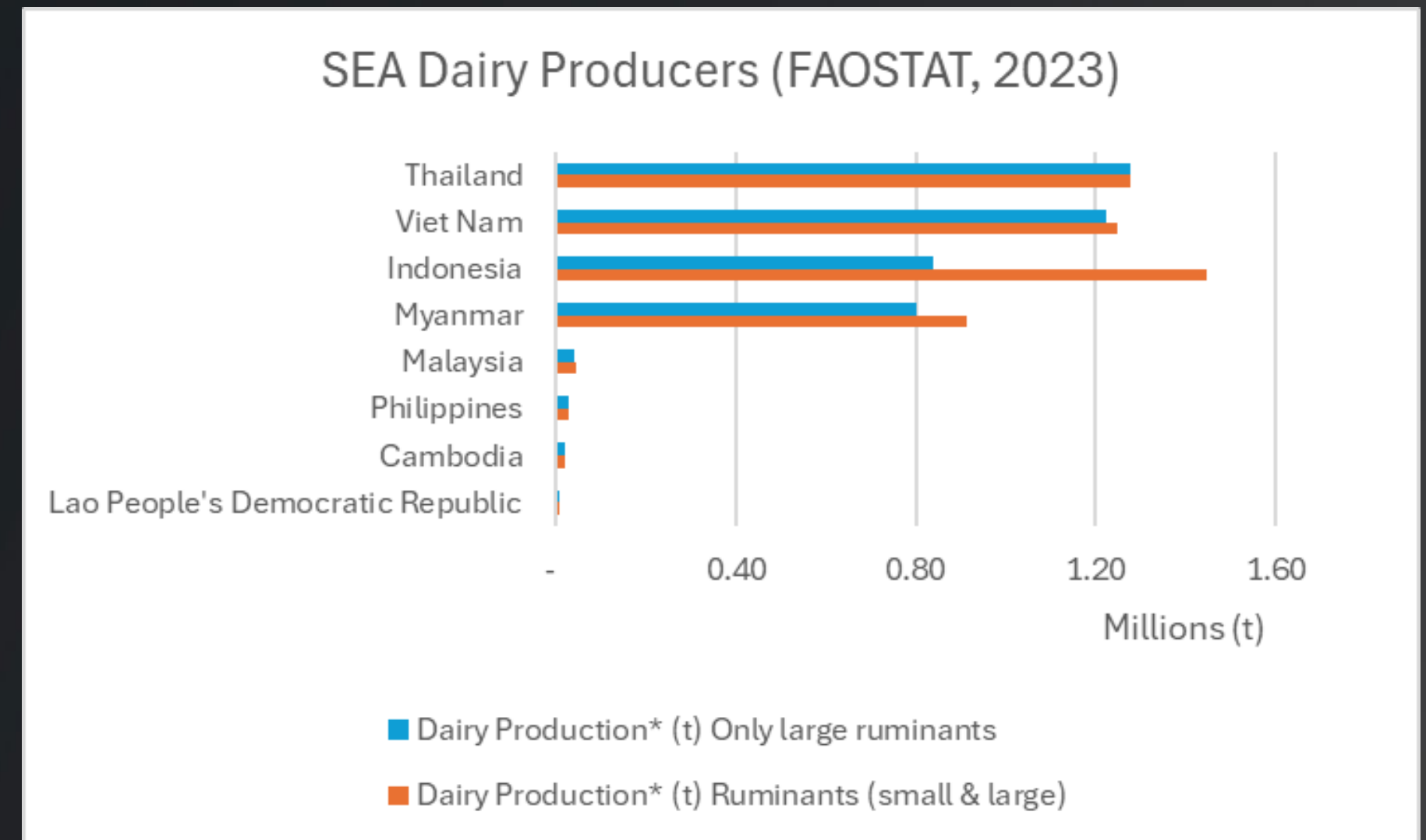
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I'LL TALK ABOUT

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- 01 | Indonesian dairy sector
- 02 | IndoDairy & 1000 Srikandi Project
- 03 | Unmasking the metric (A - WEAI)
- 04 | Recommendations

Indonesia ranks third among Southeast Asian countries, following Thailand and Vietnam.

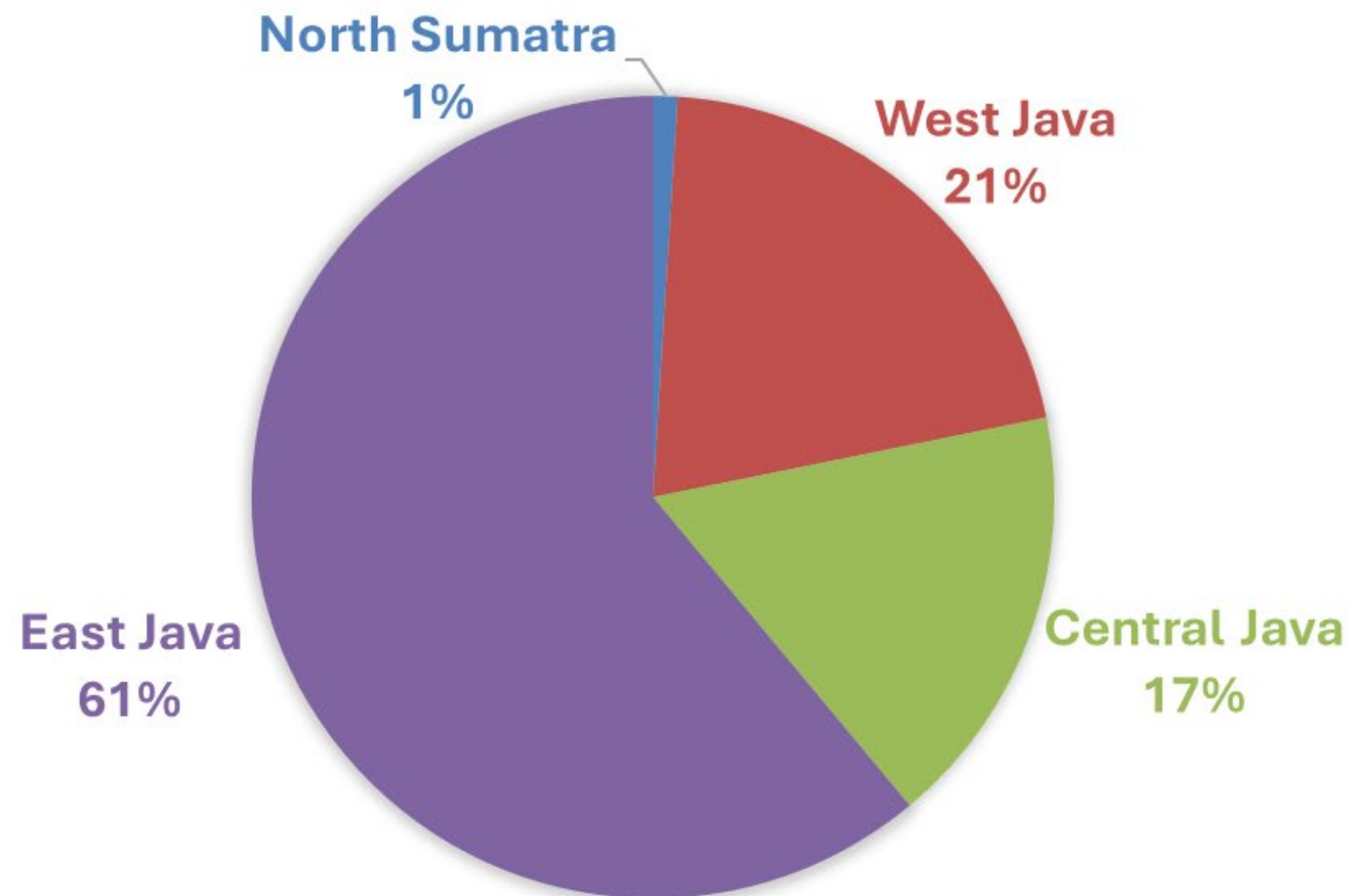


*raw and processed milk (cheese, butter, buttermilk, skim, ghee)

FAOSTAT (<http://www.fao.org/faostat/en/#home>)

INDONESIAN DAIRY SECTOR

Four provinces are the main dairy producers (based on dairy cattle population in 2024)



Statistics Indonesia, latest updated 28 February 2025



- Mostly smallholder farmers: 99% reside in Java Island (BPS, 2024)
- Milk is primarily sold to dairy cooperatives
- Domestic demand for dairy products > domestic supply = import 80% milk



IndoDairy project

(ACIAR funded project: AGB/2012/099)

- 2016 - 2021
- 600 (baseline) and 480 (endline) dairy farmers from 5 dairy coops in 4 districts in West Java Province



Participatory approach

- Extension interventions:
 - Discussion Groups (incl Women DG) and
 - Focus Farms



Gender-sensitive technology

- mastitis testing using detergent or 'surf' test
- teat-dipping after milking
- farm business management

1000 SRIKANDI

ADB funded Project (2021 - 2022)

- Inspired by Women -only Discussion Groups in IndoDairy
- Included 1000 women dairy farmers from 6 districts in West Java Province
- Promoting gender -inclusive extension services by providing **hands -on training** tailored for women farmers:
 - Dairy best management practice
 - Dairy financial literacy



**WANITA
BERDAYA**
DAIRY WOMEN FARMERS EMPOWERMENT



Pemberdayaan 1.000 Peternak Wanita

Pelatihan Peternak Sapi Perah Wanita

Peningkatan Keterampilan dan
Keuntungan Usaha Ternak

Terbuka untuk:
Seluruh anggota peternak wanita, atau
Pasangan/anak anggota peternak

Daftar melalui KUD/
Kelompok Ternak

3 hari training di lokasi terdekat



organized by Chamberlain Veterinary Services

Information: 0822-4833-6165



LESSON LEARNED

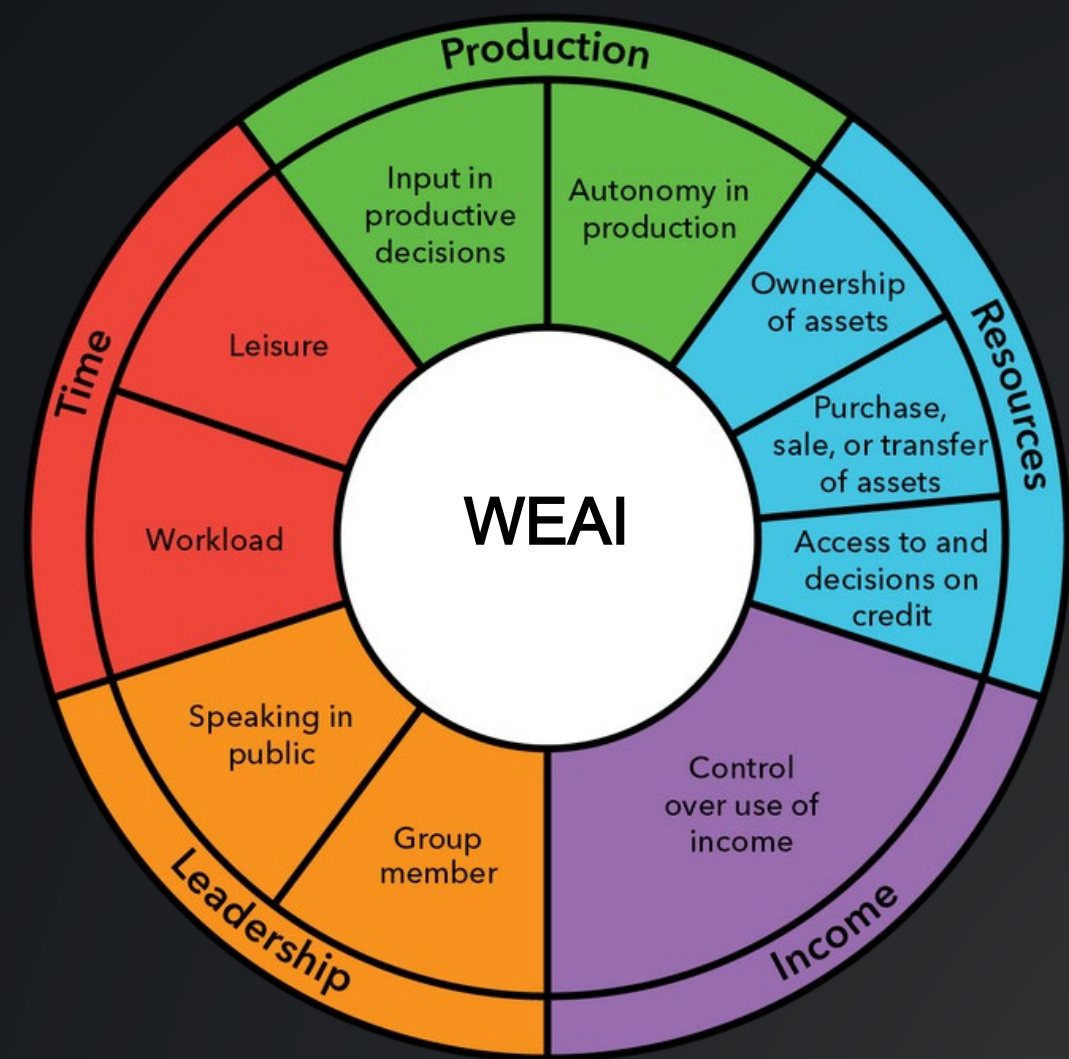
Gender - inclusive practices:

1. Women's access
2. Equitable decision - making
3. Household resilience

A cornerstone of sustainable food systems.

Unmasking the A -WEAI

A-WEAI: Abbreviated Women's Empowerment in Agriculture Index



WEAI and its versions are published by IFPRI
<https://weai.ifpri.info/>

Four domains of empowerment with five indicators.
index < 0.80 means DISEMPOWERED (Alkire et al., 2013)



n=435



n=435

Productive decision	1.00	1.00
Asset ownership	0.98	0.99
Credit access	0.52	0.52
Control over income	0.96	0.65
Group membership	1.00	1.00
4DE	0.98	0.90

ARE WOMEN REALLY EMPOWERED?

No, they aren't



Domain/Indicator		Women (n=435)	Men (n=435)
1. Production/Input in productive decisions			
	Managing forages	0.74***	0.98***
	Managing concentrates	0.77***	0.97***
	Managing herd health	0.83***	0.97***
		
4. Leadership/Group membership			
	Dairy cooperative	0.24***	1.00***
	Dairy group	0.42***	1.00***
	Mutual help or insurance group	0.85***	0.87***
	Civic or charitable group	0.86***	0.86***
		

3 ACTIONS RECOMMENDED

FUNDING SUPPORT

Shift funding priorities to support care and community roles



- childcare during training
- flexible extension schedules
- stipends for women facilitators

EMPOWER- MENT METRICS

Expand empowerment metrics



by incorporating qualitative insights (local context)

TIME-USE DOMAIN

Develop simplified time - use modules



using digital tools

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THANK YOU

FOR YOUR ATTENTION

Connect with me
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