



**PYC International
Energy Conference 2025**

Towards Visi Indonesia Emas 2045: Aligning Energy
Security, Economic Growth, and Environmental Sustainability

LABOUR FORCE SITUATION IN INDONESIA



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NATIONAL LABOUR FORCE SURVEY (SAKERNAS): MAIN SOURCE FOR LABOUR STATISTICS IN INDONESIA IS ALIGNED WITH THE INTERNATIONAL STANDARD



- The National Labour Force Survey (Sakernas) has been systematically conducted by Statistics Indonesia (BPS) since 1986 and has become one of the primary instruments for monitoring Indonesia's labor market dynamics.
- Sakernas is implemented twice a year—in February and August—with the objective of providing a continuous and reliable source of core labor market statistics.
- The February round involves 76,800 households, while the August round expands to 302,860 households across the entire archipelago, ensuring both representativeness and comprehensiveness of the data collected.

“ Sakernas is designed and implemented in accordance with international standards.

International Labour Organization (ILO) Standard

In measuring labour indicators:



ICLS-19 (2013)

***Work
Employment
Labour Underutilization.***



ICLS-20 (2018)

Conceptual framework and measurement of new forms of work relationships such as dependent contractors.



ICLS-21 (2023)

Statistics on the informal sector and informal employment.

Strengthening the credibility and international standing of Indonesia's labor statistics



Discussion with Chief Statistician of ILO, Rafael Diez de Medina (Geneva, June 2025). BPS-Statistics Indonesia and the ILO HQ is finalizing a legal cooperation framework to further strengthen the quality and credibility of labor statistics produced by BPS-Statistics Indonesia.



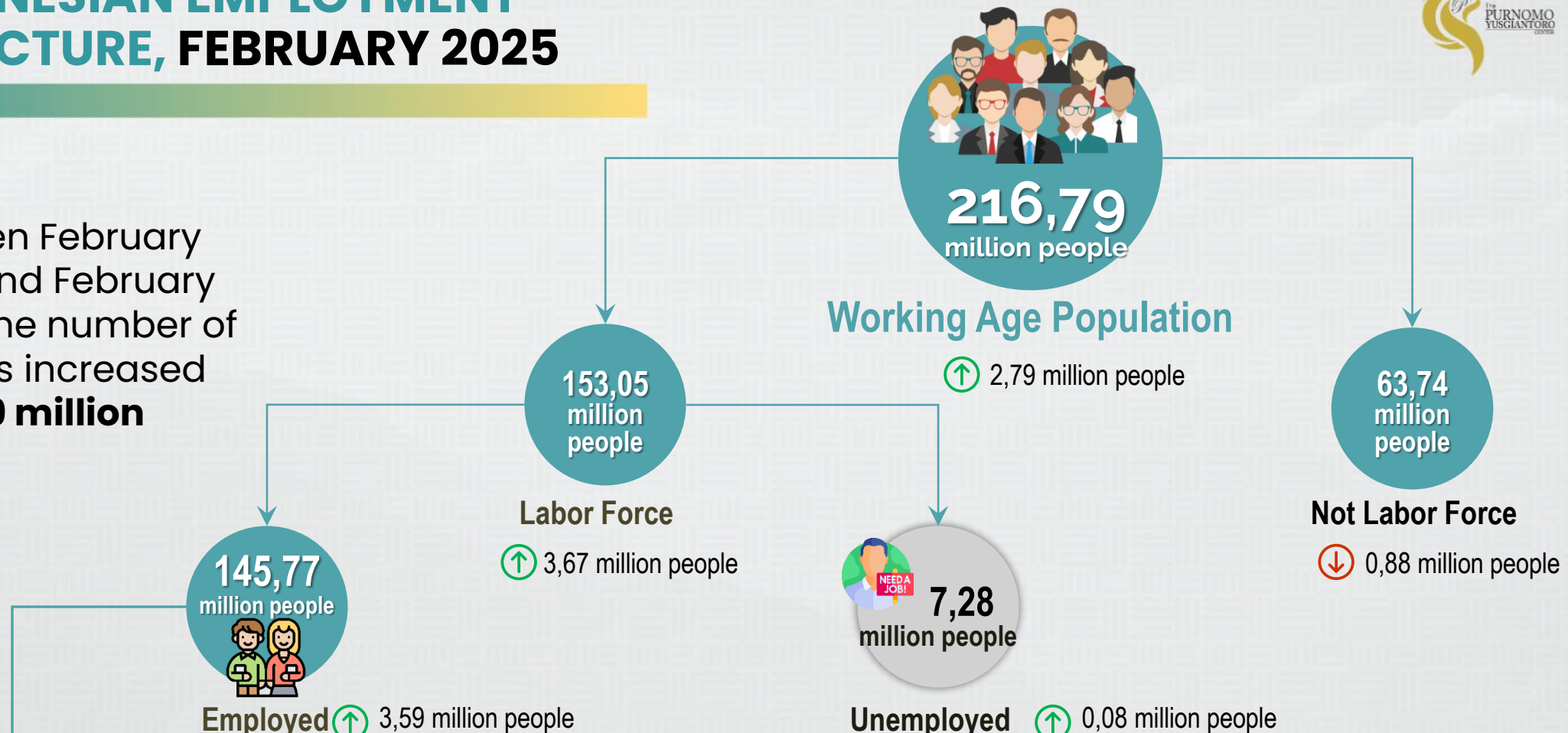
Indonesia has initiated the ratification process of the United Nations Convention No. 160 on Labour Statistics.

This strategic steps is expected to reinforce the formal and legal recognition of BPS-Statistics Indonesia's labor statistics at the global level, thereby enhancing their value for both national policy formulation and international comparative analysis.

INDONESIAN EMPLOYMENT STRUCTURE, FEBRUARY 2025



Between February 2024 and February 2025, the number of workers increased by **3,59 million**



- Full-time workers: 96,48 million people ↑ 3,21 million people
- Part-time workers: 37,62 million people ↑ 0,82 million people
- Underemployed workers: 11,67 million people ↓ 0,44 million people

↑ ↓ Changes during February 2024–February 2025

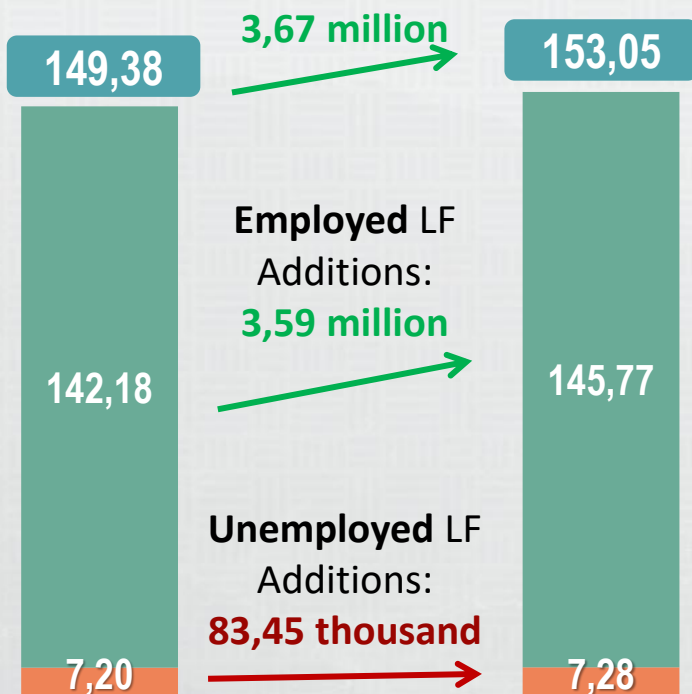
- Notes:**
- Full-time workers are those who work at least 35 hours per week.
 - Part-time workers are those who work less than 35 hours per week but are neither seeking nor willing to accept additional work.
 - Underemployed workers are those who work less than 35 hours per week and are still seeking or available for additional work.

EMPLOYMENT ABSORPTION INCREASED BY 3.59 MILLION

The number of new labor force entrants who found employment was much greater than those who became unemployed

Labor Market

Labor Force (LF) Additions:



February 2024

February 2025

■ Unemployed
 ■ Employed
 ■ Labor Force = Employed + Unemployed



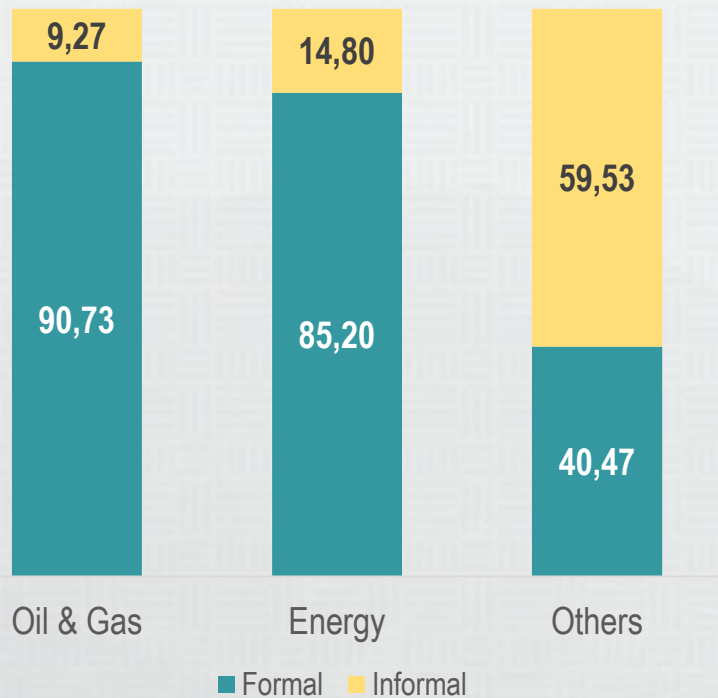
February 2025 compared with February 2024:

- ✓ The additional labor force **absorbed into employment was greater** than the increase in the unemployed.
- ✓ **Of the 3,67 million additions to the labor force:**
 - 3,59 million people (**97,73%**) were absorbed into employment.
 - 83,45 thousand people (**2,27%**) remained unemployed.

Source: BPS-Statistics Indonesia, Sakernas February 2025

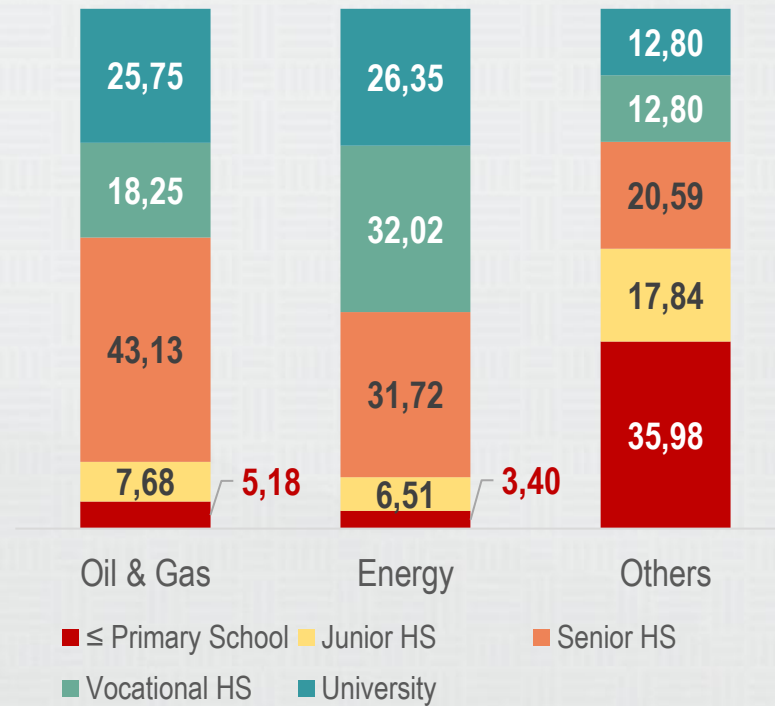
EMPLOYED POPULATION IN THE ENERGY AND OIL & GAS SECTOR, FEBRUARY 2025

By Status (%)



Formal workers dominate in Oil & Gas and Energy, while informal workers dominate in other sectors.

By Education (%)



Workers with higher education levels dominate employment in the energy and oil & gas sector.



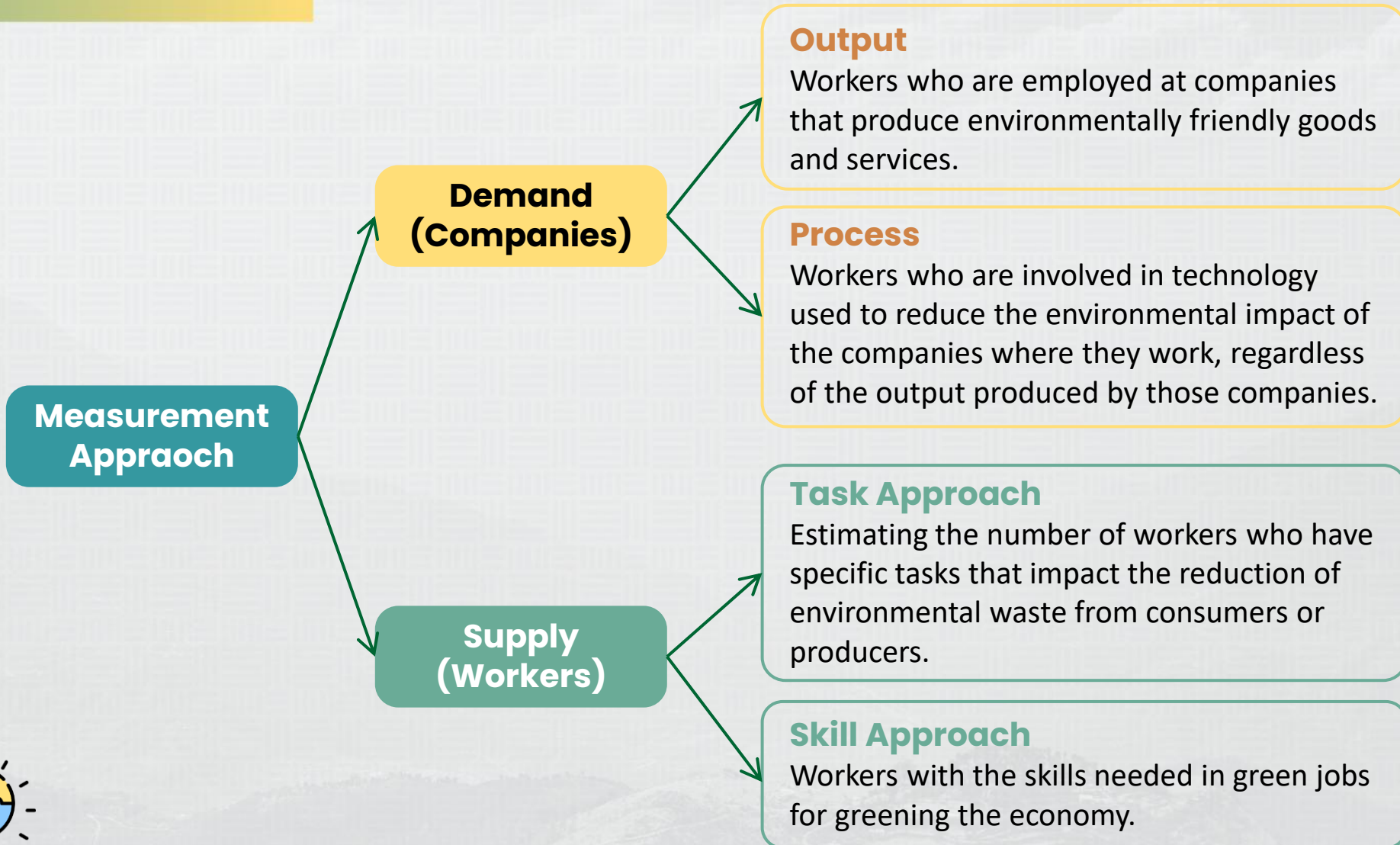
Green Jobs in Indonesia

Sakernas August 2023 & 2024

CONCEPT AND DEFINITION OF GREEN JOBS ACCORDING TO WORLD BANK



Green Jobs are jobs that contribute to preserving or restoring the environment and promoting decent work, through one or more mechanisms such as having specific job tasks, requiring special skills, implementing environmentally friendly processes, and/or producing environmentally friendly product/service outputs.

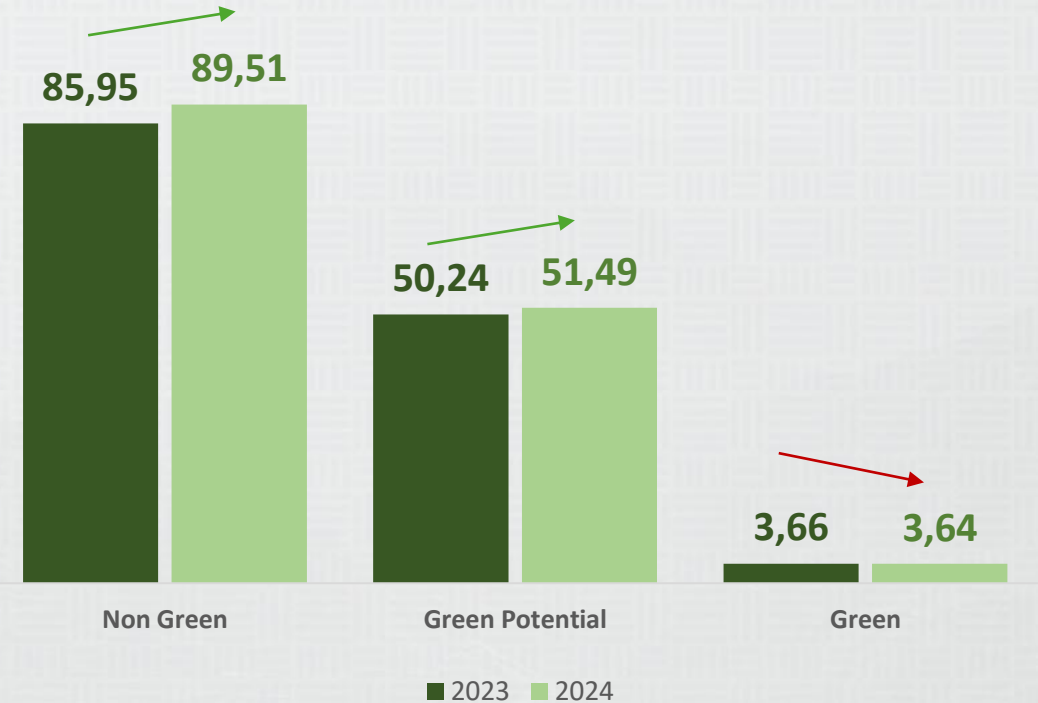


WORKING POPULATION ENGAGED IN GREEN JOBS IN INDONESIA

Percentage of Working Population by Category of Green Jobs in Indonesia, 2023-2024 (%)

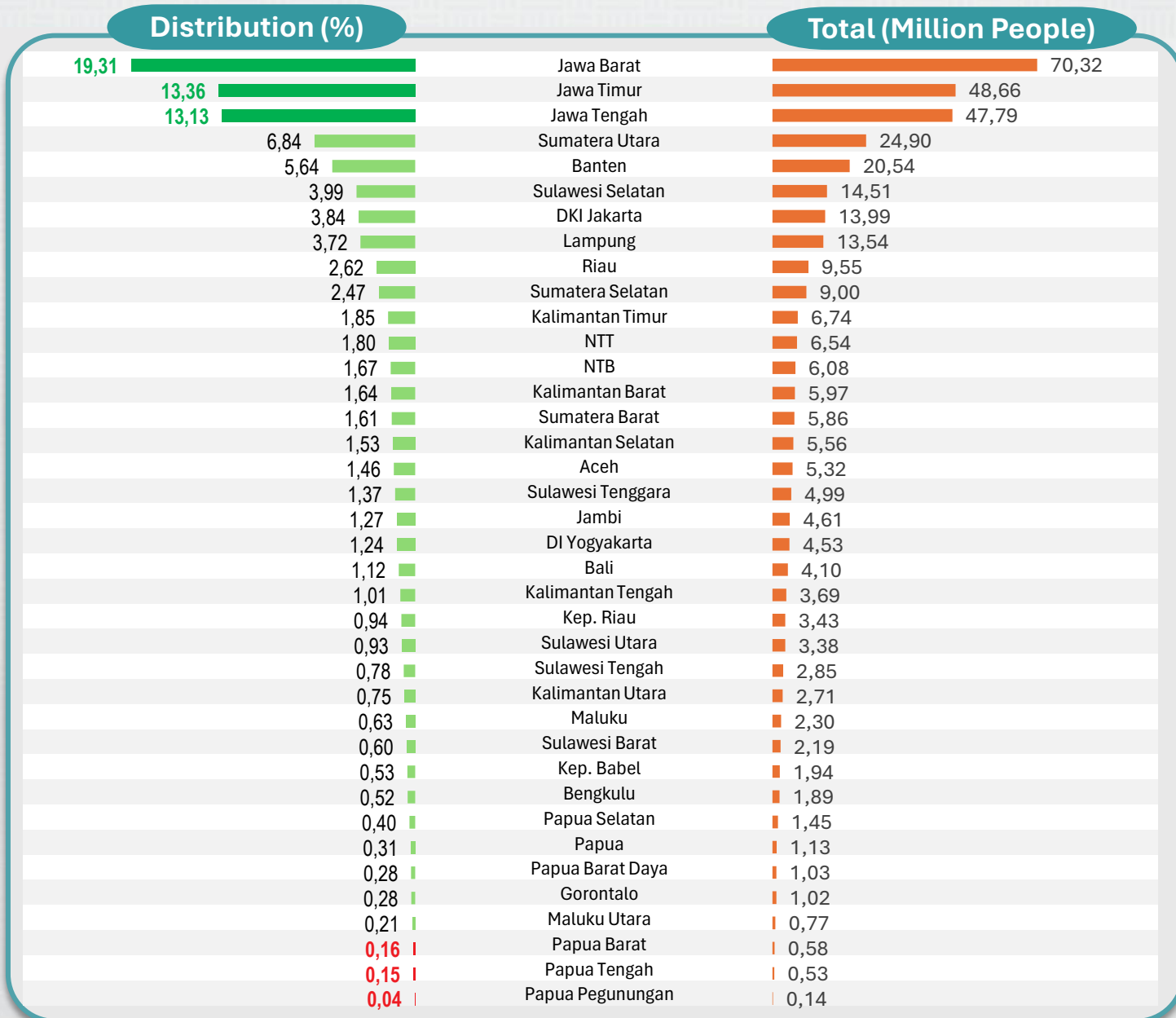


Number of Working Population by Category of Green Jobs in Indonesia, 2023-2024 (Million People)



“ Although the percentage of green job workers and potential green job workers have decreased, the number of potential green job workers has increased. This indicates that there remains opportunity to further expand green job creation.

WORKING POPULATION ENGAGED IN GREEN JOBS IN INDONESIA BY PROVINCE, 2024

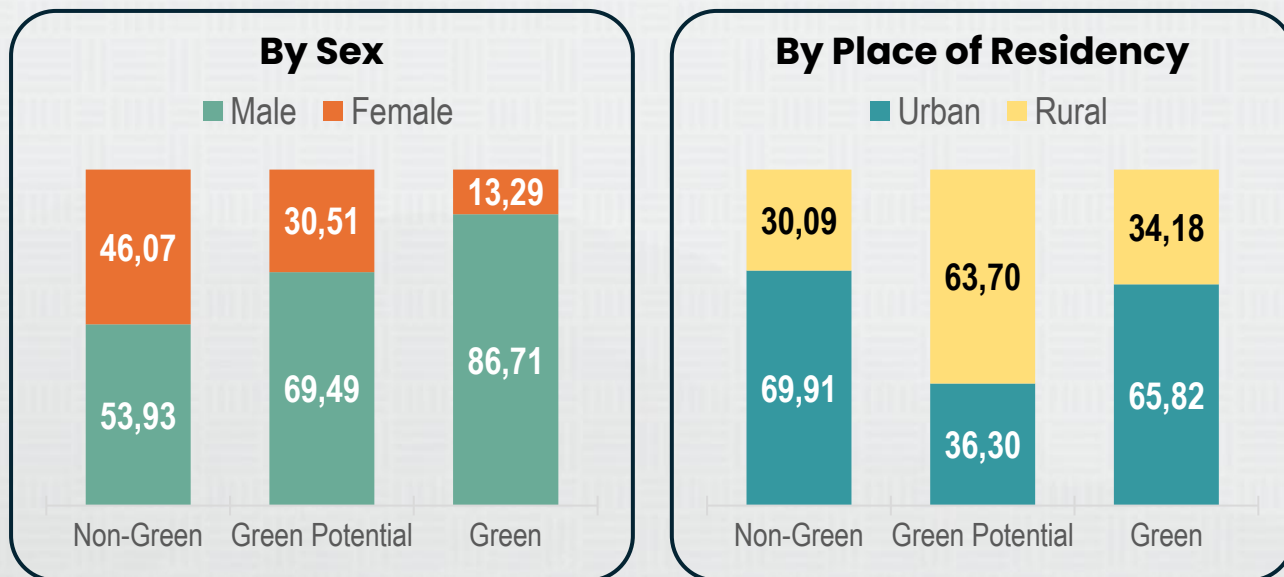


- The provinces with the highest creation of green job opportunities are West Java, East Java, and Central Java.
- Meanwhile, the provinces that still face major challenges in enhancing green job opportunities are Papua Barat, Papua Tengah, and Papua Pegunungan.

WORKING POPULATION ENGAGED IN GREEN JOBS IN INDONESIA



Distribution of Green Jobs by Category of Green, 2024



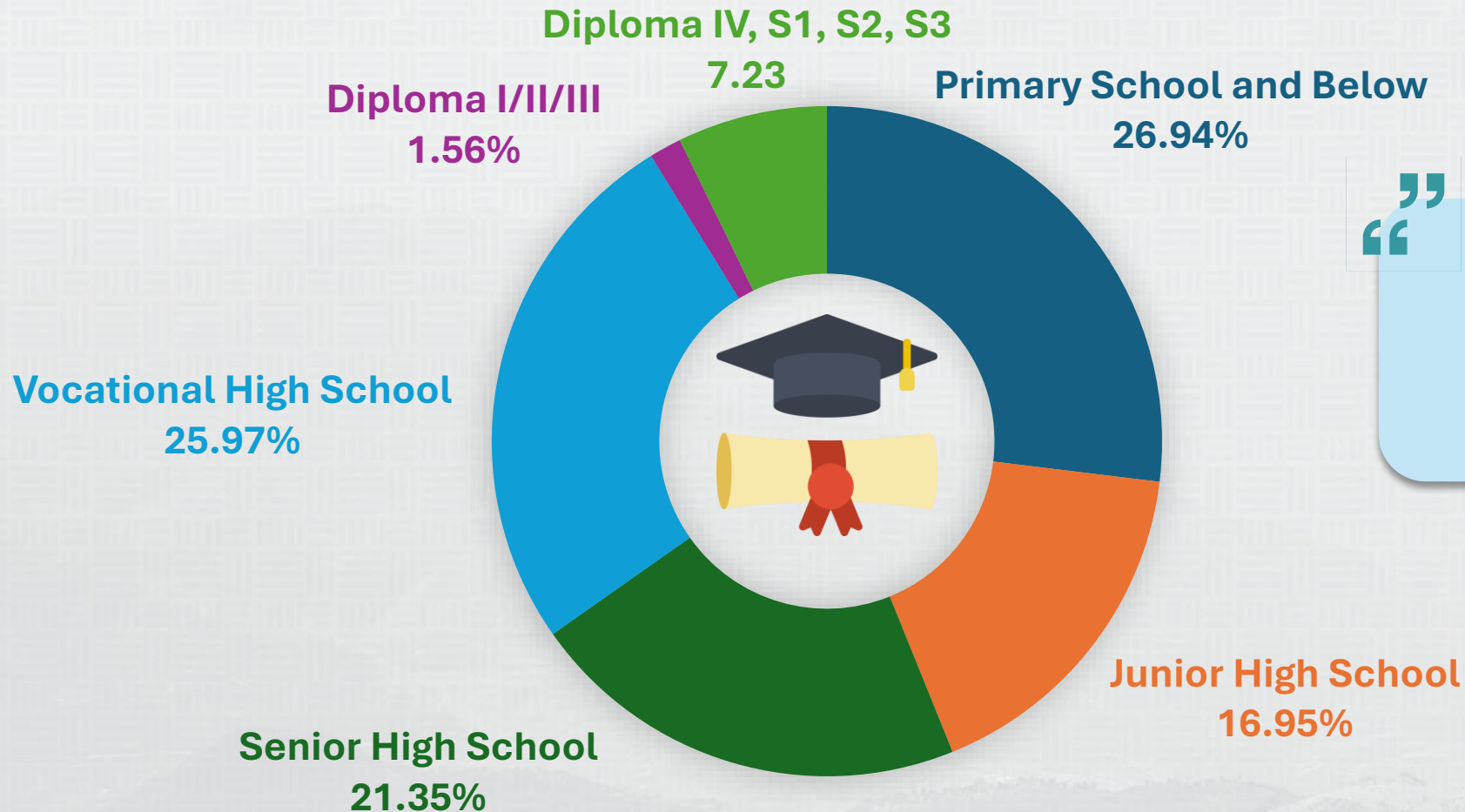
- ✔ **More male** were engaged in green jobs than female
- ✔ Green jobs were more pronounce in **urban areas** than in rural areas
- ✔ Three sectors of occupation including **trade, agriculture and manufacturing industry** absorbed the biggest number of green jobs

Distribution of Green Jobs by Category of Green and Sector of Occupation, 2024

Sector of Occupation	Non-Green	Green Potential	Green
A. Agriculture, Forestry & Fisheries	2.80	72.89	19.82
B. Mining & Quarrying	0.98	1.63	0.51
C. Manufacturing	16.09	9.93	13.42
D. Electricity, Gas, Steam/Hot Water & Cold Air Supply	0.23	0.22	0.99
E. Water Treatment, Wastewater Treatment.....	0.18	0.08	9.71
F. Construction	6.77	6.43	2.81
G. Wholesale & Retail Trade; Repair & Maintenance.....	27.98	1.40	42.96
H. Transportation & Warehousing	4.64	3.92	0.63
I. Accommodation & Food Service Activities	12.45	0.24	0.15
J. Information & Communication	1.03	0.19	--
K. Financial & Insurance Activities	1.85	0.10	0.12
L. Real Estate	0.55	0.12	--
M, N. Professional & Business Services	2.43	0.41	1.49
O. Public Administration, Defense & Compulsory.....	5.40	0.17	4.84
P. Education	7.96	0.06	0.03
Q. Human Health & Social Work Activities	2.50	0.23	0.42
R, S, T, U. Other Services	6.16	1.96	1.95
Total	100.00	100.00	100.00

Note: "--" Number of cases were too small resulting in high relative standard error (RSE)

WORKING POPULATION ENGAGED IN GREEN JOBS IN INDONESIA BY EDUCATION LEVEL, 2024



Most green job workers have primary school and below, vocational high school, and senior high school.

THANK YOU

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