

Environmental Social and Governance Policies of the Top U.S. Financiers of Palm Oil

Current ranking among US equity investors with stocks in palm oil production, by dollar amount invested.

(Based on financial data from Q1 2018, unless otherwise noted.)

1 CalPERS \$397.3 million

In 2018, CalPERS expanded its Sustainability and Governance Principles to address investment risks related to deforestation and land rights risks, becoming the first major investment firm in the U.S. to do so.

2 Vanguard® \$380.57 million

No explicit commitment to preventing deforestation or land grabbing.

Vanguard's approach to ESG includes no public position on palm oil, deforestation, land grabs or related human rights issues.

3 BLACKROCK \$374.85 million

No explicit commitment to preventing deforestation or land grabbing.

BlackRock has recognized that deforestation presents risks for investors, but its ESG policies include no public position on palm oil, deforestation, landgrabs or related human rights issues.

4 Dimensional \$285.6 million

No explicit commitment to preventing deforestation or land grabbing.

Dimensional Fund Advisors has no publicly available ESG policies, and no public position on palm oil, deforestation, landgrabs or human rights. Dimensional has, however, excluded palm oil from its "sustainability funds".

5 Fidelity \$246.02 million

No explicit commitment to preventing deforestation or land grabbing.

Fidelity Investments approach to ESG includes no public position on palm oil, deforestation, landgrabs or related human rights issues.

6 J.P.Morgan \$68.07 million

Asset Management

No explicit commitment to preventing deforestation or land grabbing.

JP Morgan Chase has a reasonably strong Environmental and Social Risk Management policy for its commercial and investment banking, which recognizes palm oil as a high risk sector; but no such policy guides its asset management.

7 NORTHERN TRUST \$63.05 million

No explicit commitment to preventing deforestation or land grabbing.

Northern Trust recognizes environmental destruction and human rights among the ESG issues it addresses.

8 STATE STREET \$49.98 million

No explicit commitment to preventing deforestation or land grabbing.

9 TIAA CREF \$40.02 million

No explicit commitment to preventing deforestation or land grabbing in its equity investments.

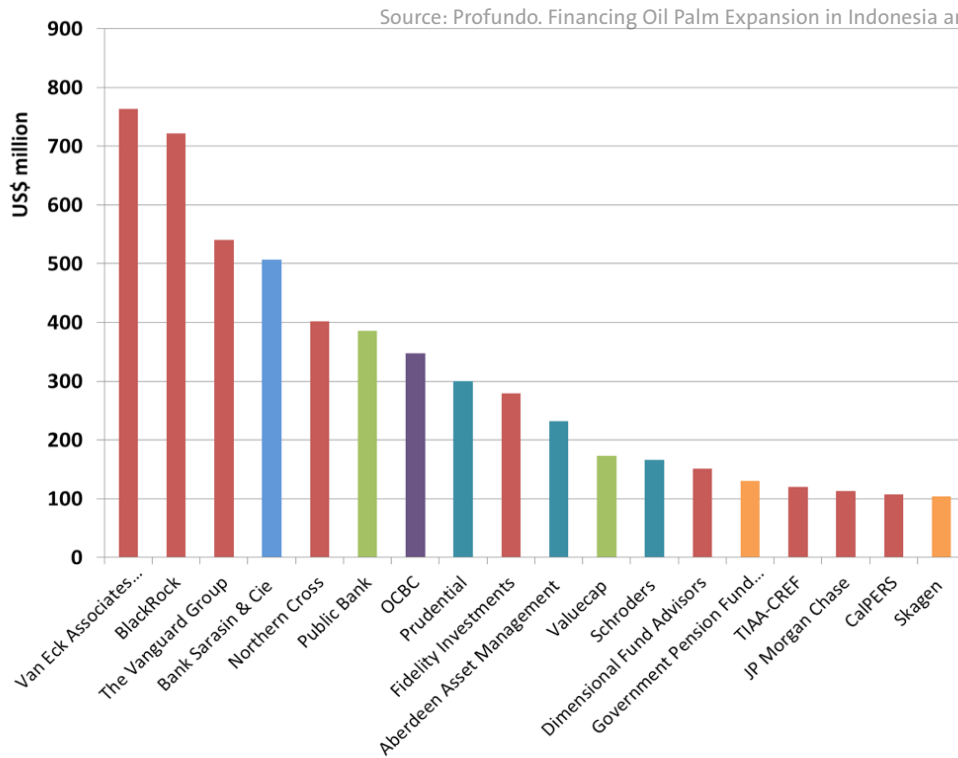
TIAA-CREF has public commitments to ESG, but no explicit public position on palm oil, deforestation, land grabs or related human rights issues.

10 VanEck \$32.05 million

No explicit commitment to preventing deforestation or land grabbing.

Van Eck has no publicly available ESG policies, and no public position on palm oil, deforestation, land grabs or related human rights issues.

Institutional Investors Financing the Southeast Asian Palm Oil Industry



Shareholders are the most important financiers of 15 of the 21 top oil palm holding companies, financing between 27% and 92% of total assets.

Source: Tuk Indonesia & Profundo. Tycoon-controlled palm oil groups in Indonesia. 2014.

