

Kelembagaan untuk Pengembangan Energi Terbarukan di Indonesia

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Apakah dibutuhkan “lembaga” baru?



The failure of the existing institution(s)

Under performance of the existing institution(s)

The existing institution(s) do not enough mandate and/or capacity and resources



Apa yang menghalangi?

Lack of vision

Political Leadership

Political economy

No legal mandate

Lack of priorities to develop RE

Lack of resources

Lack of knowledge

Lack of and capacity

Lack of supporting instruments for operation

No clear plan and target



Pilihan fungsi institusi

Policy and regulation
development

Resource mapping

Financing/funding

Standard Setting

Project development

Investing

Public awareness &
education

Monitoring

Project Financing

Promotion

Capacity building & training

Risk guarantor

R&D



Focus function	Example	Status
Financing & investment	Australian Renewable Energy Agency (ARENA)	Government agency
R&D, Innovation & project development & multiple services	Deutsche Energie Agentur (DENA)/Germany Energy Agency	Quasi government/company
Multi function (incl. Regulatory function)	Sustainable Energy Development Agency (SEDA)	Government agency

Studi kasus ARENA



- Dibentuk 2012, berdasarkan Renewable Energy Act (ARENA Act) 2011
- Badan pemerintah tetapi independen.
- Tata kelola terdiri dari: Eksekutif dan Dewan Penasehat dari sektor swasta dan pemerintah.
- Bertugas untuk membiayai penelitian dan pengembangan; demonstrasi, komersialisasi dan pembangunan teknologi energi terbarukan, sharing pengetahuan dan informasi.
- Salah satu fungsi kunci ARENA adalah mempercepat keterjangkauan (affordability) teknologi energi terbarukan terbaru dan membangun keyakinan investor terhadap proyek energi terbarukan.
- Alokasi dana dari pemerintah Australia: \$3,2 milyar s.d. 2020
- Instrumen pendanaan: Advancing Renewable Fund, Commercialisation R&D Funding Initiative, Renewable Energy Venture Capital Fund; Innovation Fund, Regional Renewable Energy Fund

THANK YOU

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