“MARRIED IS SCARY IS NOT A REAL DEAL”

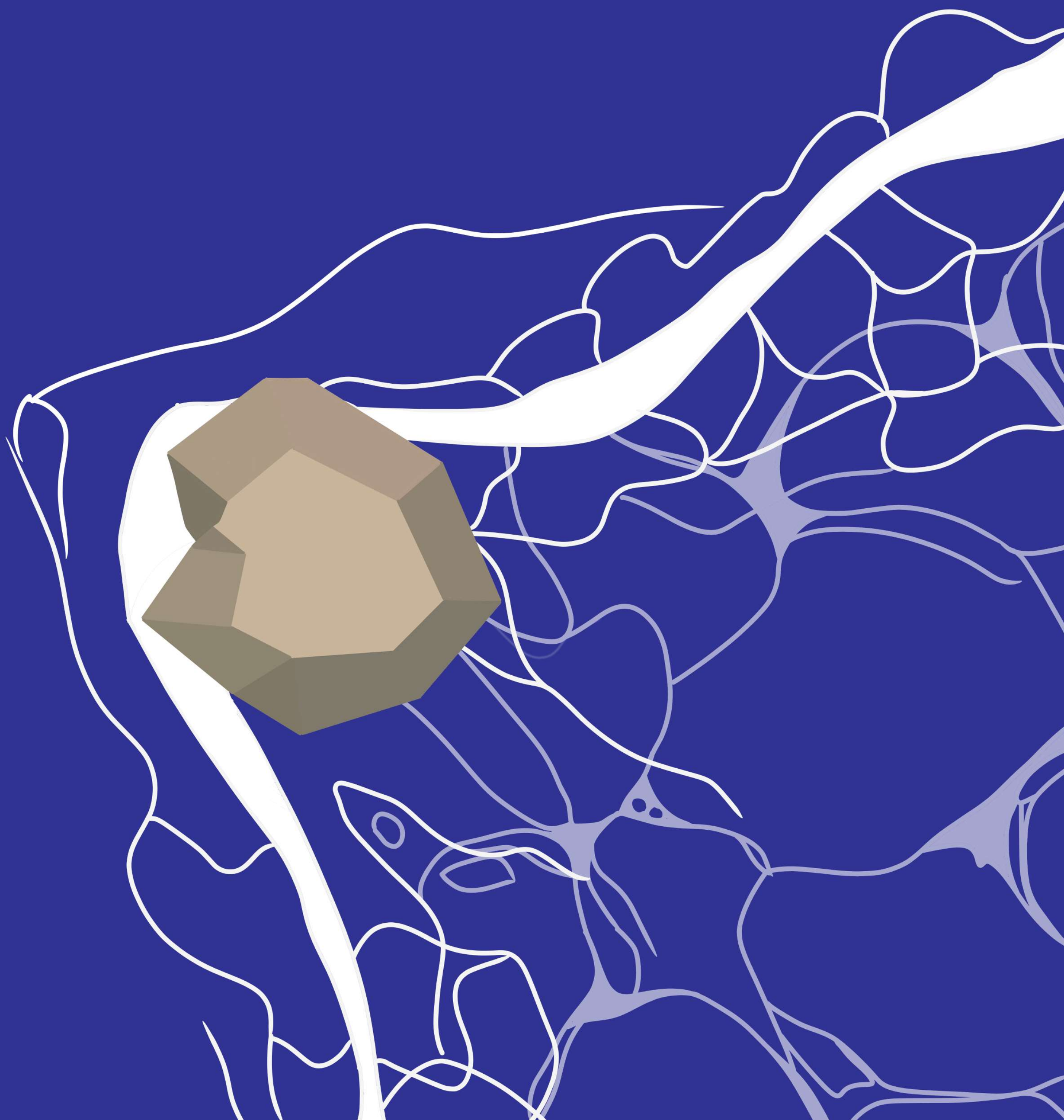
You won't die because you're not married, but you can die if you choose the wrong person.

Don’t close your mind
To new ideas

" We suffer more
often in imagination
than in REALITY "

YOU CAN’ T CONTROL THE BEHAVIOUR OF OTHER, BUT YOU CAN ALWAYS CHOOSE YOU RESPOND TO IT

The river cut through the rock, not because of the power, but because of the presistence.



Cristalle Orchestra
Where Music Meets Elegance

CRISTALLE ORCHESTRA CO.

SYMPHONY OF THE STAR

An Enchanting Evening of Timeless Classics

Saturday, February 10th | at 7:30pm

Program

Wolfgang Amadeus Mozart - Symphony No. 41 "Jupiter"

Ludwig van Beethoven - Piano Concerto No. 5 "Emperor"

Gustav Holst - The Planets: Jupiter, the Bringer of Jollity

Pyotr Ilyich Tchaikovsky - 1812 Overture

Ticket

Silver | Rp 200.000,-

Gold | Rp 500.000,-

Platinum | Rp 1.000.000,-

Grand Symphony Hall
Jl. Harmonia No. 45, Jakarta

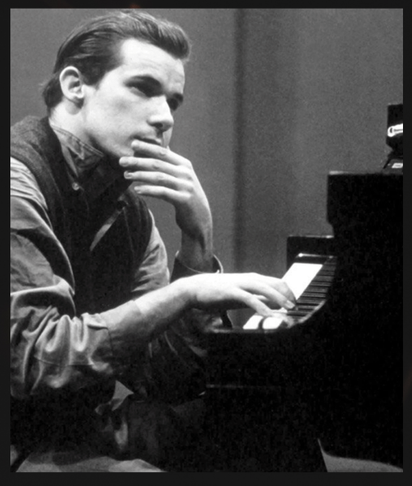
Feb.10th, 2024 (Sat) 7.30pm

Conductor: Charlos Kleibe

Cello | Charlotte Murman

Piano | Ida Hendel

Piano | Louis Amstrong



Piano | Glen Gold

Reservasi ticket | Pesan sekarang melalui:
situs web resmi: www.cristalleorchestra.com
Atau hubungi kami di: +62 812 3456 7890

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Cristalle Orchestra
Where Music Meets Elegance

Poster by: Laila Rahmawati

Wind Energy Contribution to the Sustainable Development Goals

Case Study on London Array

Latar Belakang 1

Kebutuhan energi dunia meningkat secara signifikan akibat pertumbuhan populasi dan urbanisasi

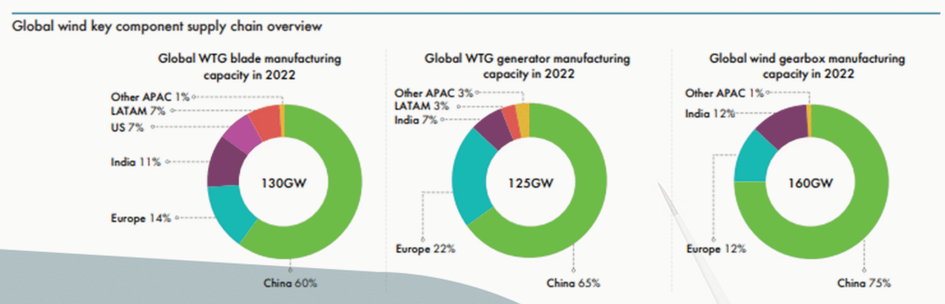
Ketergantungan pada bahan bakar fosil menyebabkan polusi, perubahan iklim, dan kelangkaan sumber daya.

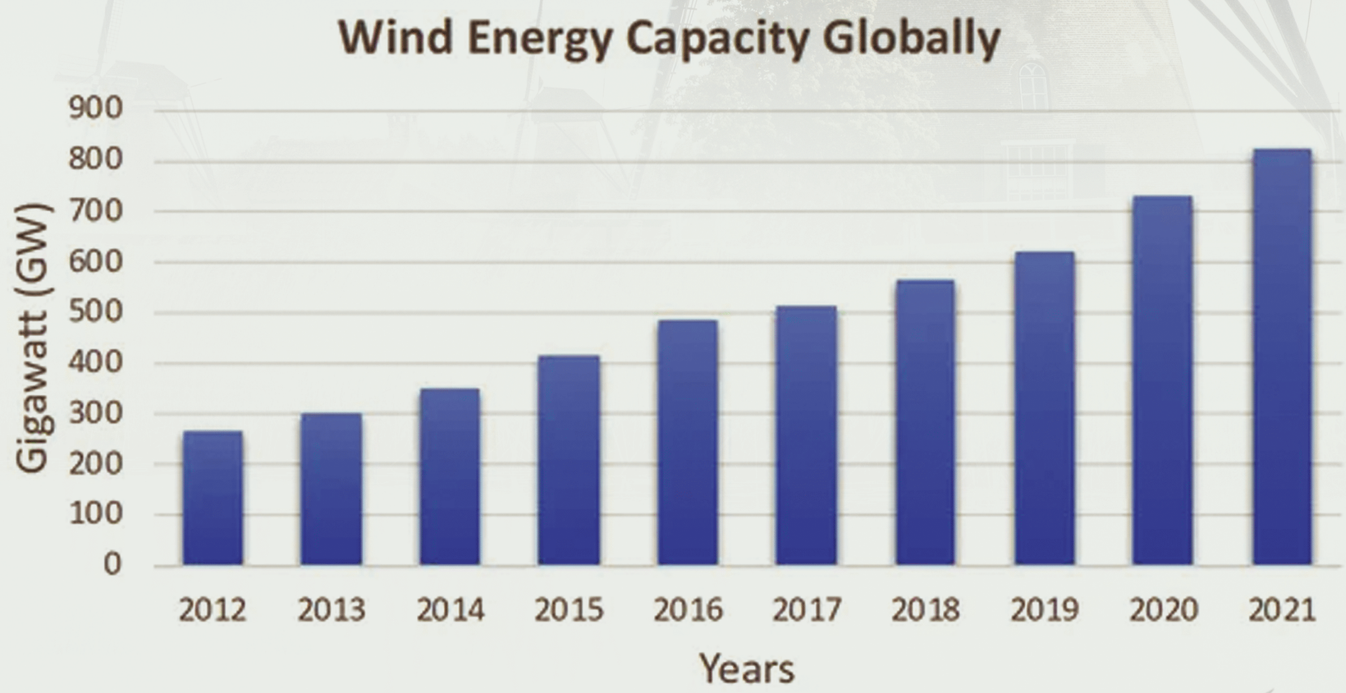
Energi angin merupakan salah satu sumber energi terbarukan yang melimpah dan bebas emisi karbon

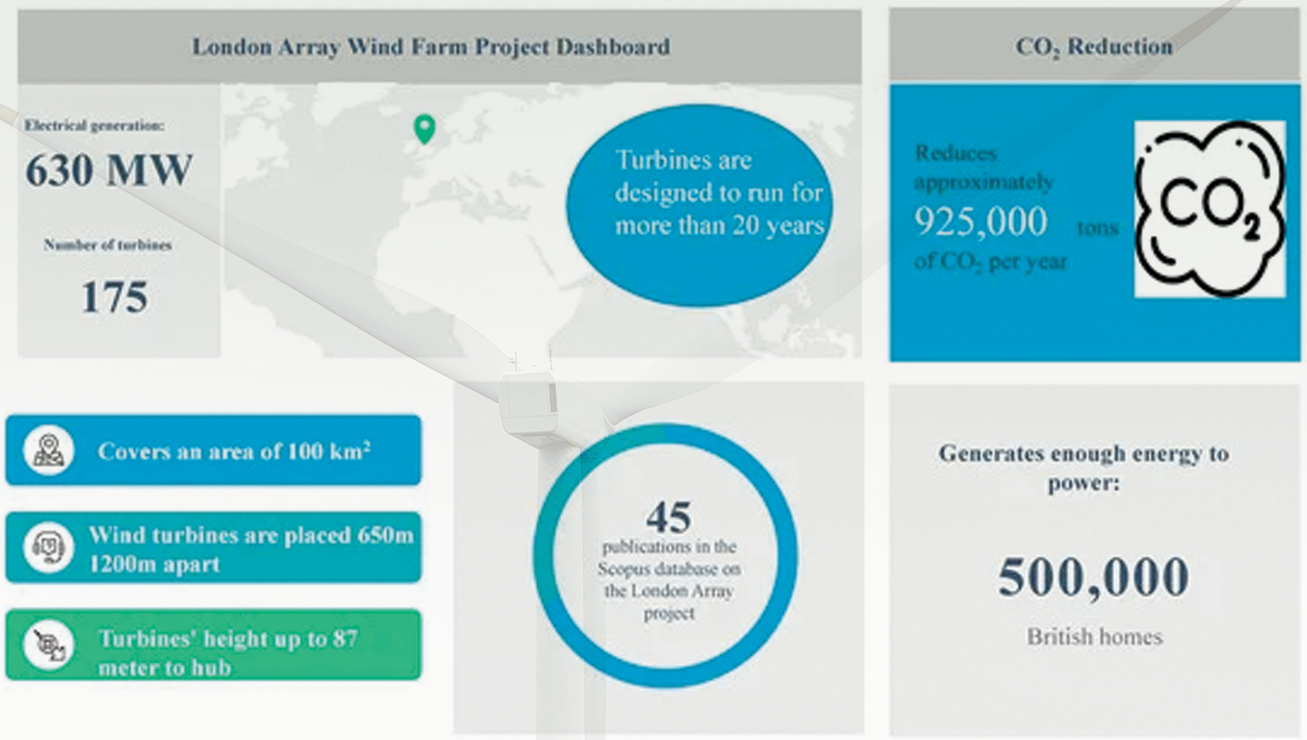
Fokus Internasional 2

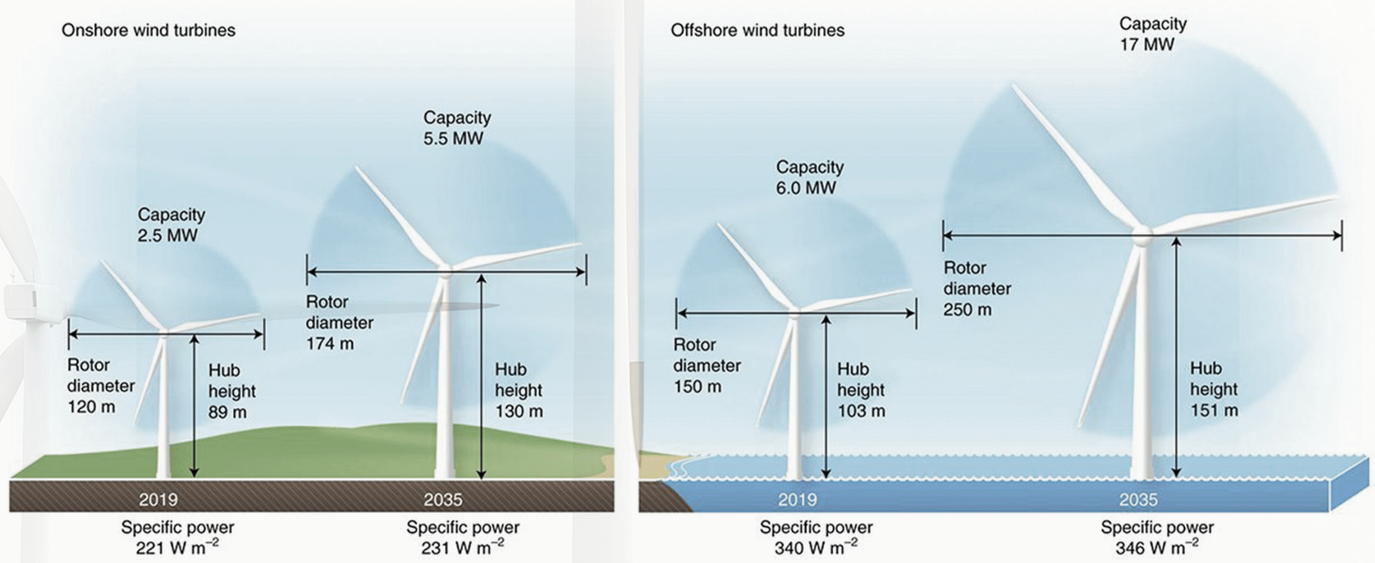
London Array Wind Farm, Salah satu proyek offshore wind farm terbesar di dunia, menghasilkan **630 MW listrik/tahun**, cukup untuk menyuplai 500.000 rumah tangga di Inggris.

Reduksi Emisi Karbon, Proyek ini **mengurangi 925.000 ton CO_2/tahun**, mendukung SDG 13 (Climate Action)









Metodologi

- **Identifikasi Potensi Energi Angin,** Menganalisis lokasi geografis untuk optimalisasi proyek, menggunakan data kecepatan angin dan infrastruktur teknologi turbin modern
- **Pengembangan Infrastruktur,** pembangunan turbin angin onshore dan offshore dan integrasi jaringan listrik dan teknologi penyimpanan energi.
- **Evaluasi Dampak Lingkungan,** analisis dampak terhadap ekosistem laut dan darat dan menggunakan indikator kinerja untuk mitigasi risiko lingkungan (EIA & EMMP)

Kesimpulan

- Energi angin berperan signifikan dalam mencapai SDG 7 dengan menyediakan energi bersih dan terjangkau.
- Studi kasus London Array menunjukkan pengurangan besar emisi karbon dan penciptaan lapangan kerja, mendukung SDG 8, SDG 11, dan SDG 13.
- Dengan investasi teknologi dan kebijakan global, energi angin dapat menjadi solusi utama untuk masa depan energi berkelanjutan.

Daftar Pustaka

1. Olabi, A.G., et al. Wind Energy Contribution to the Sustainable Development Goals: Case Study on London Array. Sustainability, 2023.

2. International Renewable Energy Agency (IRENA). Global Wind Energy Outlook Report 2022

3. UNDP. Affordable and Clean Energy (SDG 7): Progress Report.

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