

# SINGAPORE

29 - 30 APRIL 2024



**Renewable Energy  
Markets Asia 2024**





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# Renewable Energy Markets™ **Asia 2025**

SINGAPORE



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# Program Planning Committee

Julie Casabianca (3Degrees)

Han Chen (Apple)

Orrin Cook (Apala Group)

Michelle Murphy Rogers (Allotrope Partners)

Alex Pennock (CRS)

Kae Takase (REI)

Rachael Terada (CRS)

Roble Velasco-Rosenheim (International Tracking Standard Foundation)

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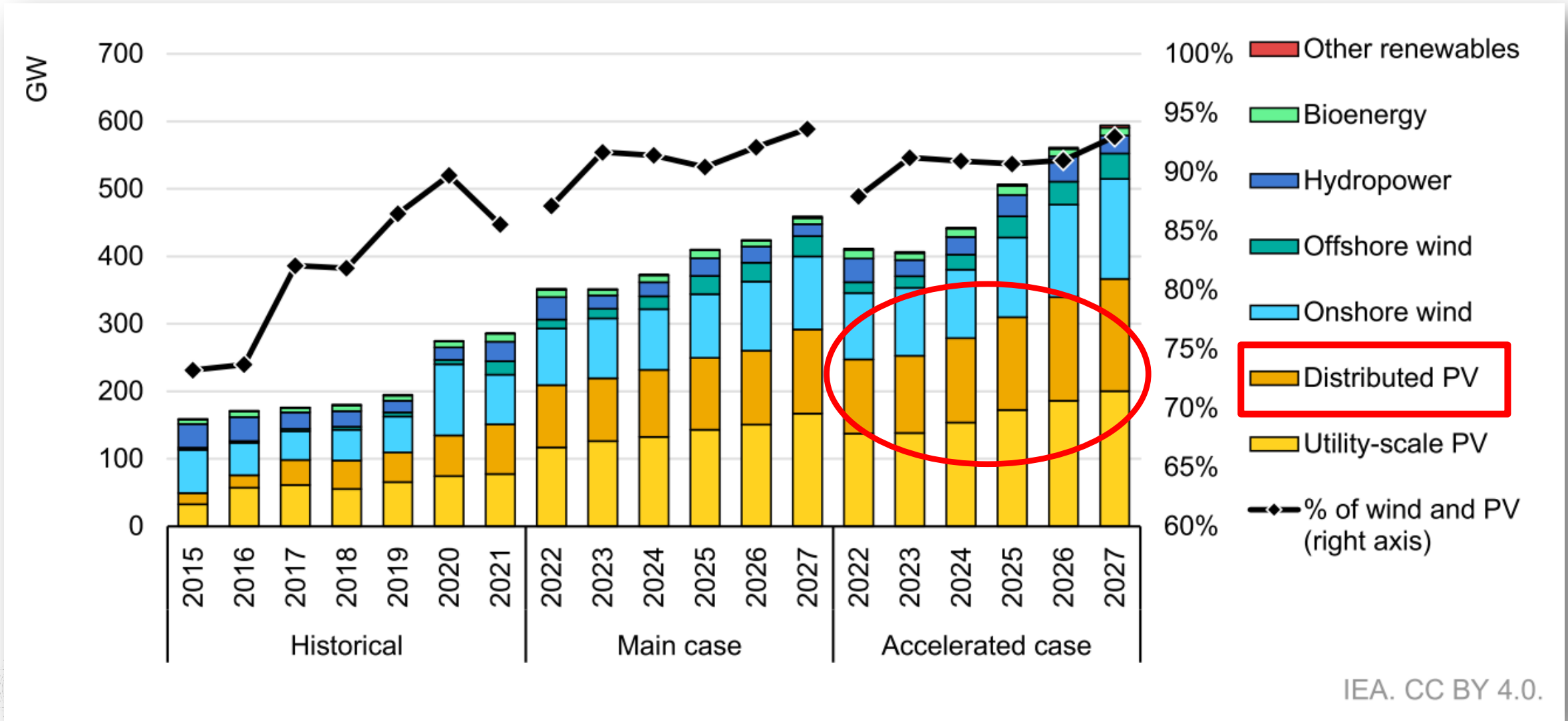




# The Growth of Distributed Solar RECs and How They Can Enable Impact Projects



# Distributed Solar is the New Growth Driver



IEA. CC BY 4.0.



# Distributed Solar Market in Asia



5 million residential rooftops solarized  
Expect 100GW of new distributed solar per year



Government to increase subsidy for solar rooftop  
installation from 40% to 60%



50% of all forecasted PV Solar installation will come  
from distributed solar



# Opportunities for Corporates

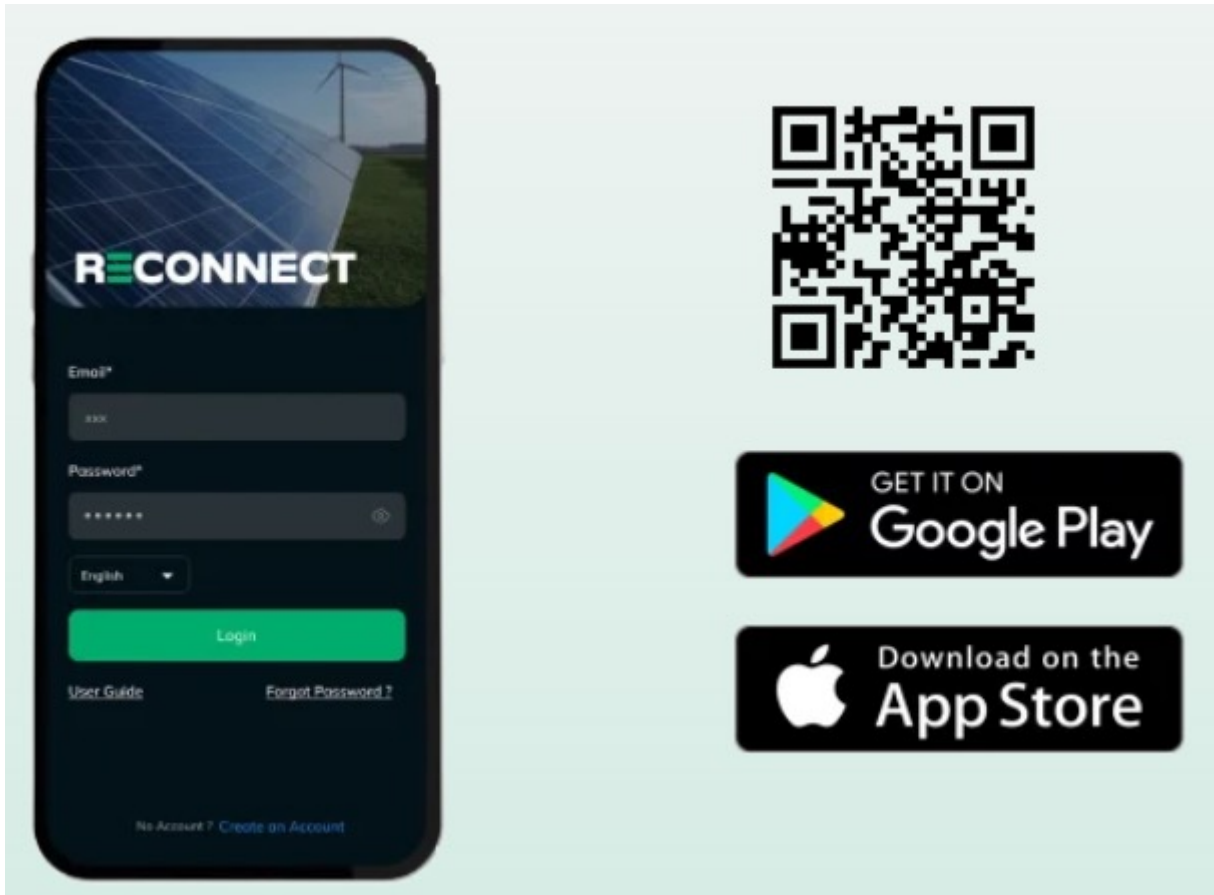


<b>For businesses with own facilities</b>	Install rooftop solar <ul style="list-style-type: none"><li>• decrease risk in operations from blackouts and price fluctuations</li><li>• extra income from selling RECs and excess electricity to the grid</li></ul>
<b>For businesses without facilities</b>	Increase in RECs supply provides more options for businesses to purchase RECs to decarbonise





# REConnect Mobile App



- Streamlines and digitises asset registration to RECs Registry
- Simple DIY process for asset owners
- Aggregates RECs from residential rooftop solar and increases overall RECs supply



# Renewable Projects with Impact



Tri An Village



Solar panel installation at Tri An Village



# Impact Project – Shining Hope



Before solar power installation	After solar power installation
Untreated water for bathing and cooking <ul style="list-style-type: none"><li data-bbox="188 444 856 486">• Villagers prone to falling sick</li></ul>	Treated water for daily activities <ul style="list-style-type: none"><li data-bbox="1307 444 2384 544">• Improvement in health of villagers and decrease in illness</li></ul>
Lack of internet access <ul style="list-style-type: none"><li data-bbox="188 691 1156 791">• Schoolchildren unable to access e-learning resources</li><li data-bbox="188 801 1258 901">• Adults unable to access economic opportunities in digital realm</li></ul>	Internet access enabled <ul style="list-style-type: none"><li data-bbox="1307 691 2160 848">• Better educational outcomes as more educational resources available for schoolchildren</li><li data-bbox="1307 858 2339 901">• Increased economic opportunities for villagers</li></ul>

Distributed solar can **accelerate decarbonisation** and contribute to the **sustainable development** of disadvantaged communities.

# Impact Projects Marketplace



- On REHash platform
- Facilitates corporates to make Impact Investments
- Corporates can either:
  - ✓ Sponsor the building of distributed solar and earn returns from selling the RECs
  - ✓ Buy the RECs generated from these projects



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# RENEWABLE ENERGY MARKETS ASIA 2024 PANEL DISCUSSION

# STATE OF THE MARKETS



**Nick Fedson**

Technical Manager,  
Renewable Energy  
CDP/RE100



**Wei-in Lin**

Managing Consultant,  
Power and Renewables APAC  
Wood Mackenzie



**Liang Lei**

Regional  
Correspondent  
Eco-Business

Tuesday, 30 April 9:15-10:00 AM



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