

SCALING CLEAN ENERGY: WHAT IT REALLY TAKES

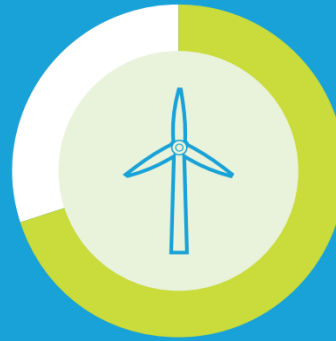
Daniel Hersson, Team Leader, Cleantech VC/PE Project, ADB Climate Technology Finance Centre
Asia Clean Energy Forum, Manila 7 June, 2016



STARTUPS

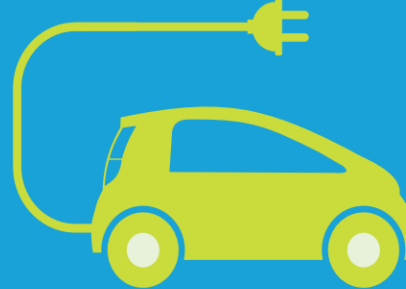
develop the new technologies, business models, products and services required to deploy and finance clean energy solutions cost-effectively at scale

STARTUPS
ARE DRIVING
CLEAN ENERGY
GROWTH



70%

of Chinese renewable energy companies were founded after 2010



4 of top 10

global electric car manufacturers are less than 15 years old

STARTUPS
ARE DRIVING
CLEAN ENERGY
GROWTH



8 of top 10

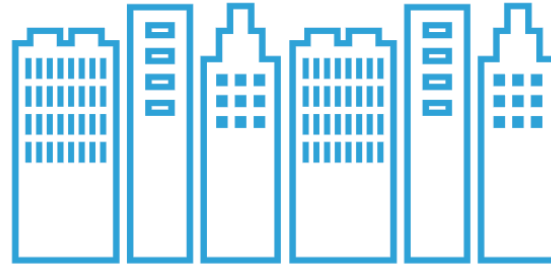
global solar PV
manufacturers are
less than 20 years old



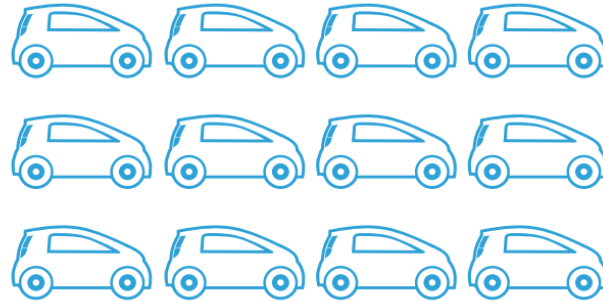
75%

of India's solar PV
capacity installed by
young entrepreneurs

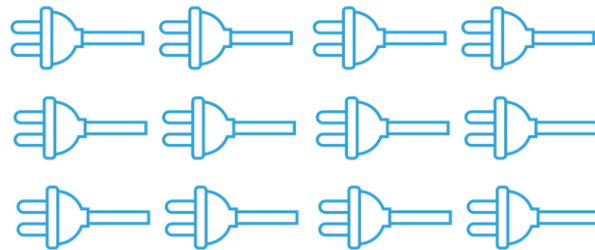
ASIA'S BIG
ENERGY &
CLIMATE
CHALLENGE



44 million people
are added to Asia's urban
population every year.

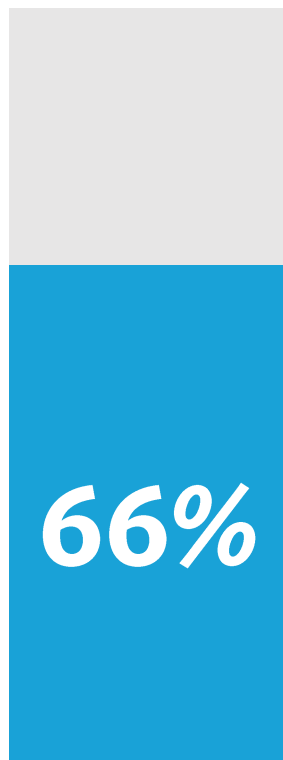
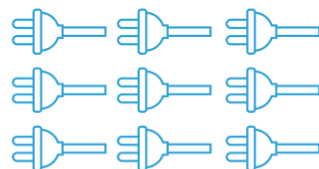


Asia will have more than
1 billion vehicles
by 2035

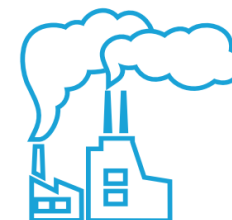


Asia will consume
54% more energy
by 2035

ASIA'S BIG
ENERGY &
CLIMATE
CHALLENGE



Asia's share of
future growth in
energy demand



Asia's share of
global CO₂
emissions by 2035

ASIA NEEDS MORE AND STRONGER CLEAN ENERGY STARTUPS

LACK OF ENTREPRENEURS



LESS
THAN
2%

of all start-ups in
Asia are in the
cleantech sector

LACK OF RISK CAPITAL



LESS
THAN
7%

global cleantech
venture capital is
invested in Asia

LACK OF SUPPORT



LESS
THAN
10

cleantech
incubators and
accelerators in Asia

ADB'S CLIMATE TECHNOLOGY FINANCE CENTRE IS SUPPORTING STRONGER CLEANTECH ECOSYSTEM IN ASIA



More investable
cleantech
businesses

1

supporting
leading
accelerators
& incubators
in Asia



More risk capital
for cleantech
businesses

2

supporting
first-time
cleantech
funds and
investors



Increased
cleantech
knowledge

3

capturing and
sharing best
practices and
industry
trends



Stronger
cleantech
ecosystem

4

supporting
cross-sector
networking,
collaboration
and partnerships

GLOBAL CLEAN ENERGY ACCELERATOR & INCUBATOR RETREAT



NEW ENERGY
NEXUS



GLOBAL CLEAN ENERGY ACCELERATOR & INCUBATOR RETREAT

- First time ever
- 30 accelerators/incubators from around the world
- Supported >1000 start-ups and helped raise >\$2bn financing
- Shared best practices, explored opportunities for collaboration
- Creating a global network (New Energy Nexus)
- Partnership between ADB, CalCEF and New Energy Nexus

NEW ENERGY
NEXUS



TODAY

- 14.00-14.15 INTRODUCTION
- 14.15-15.30 PRESENTATIONS: WHAT IT TAKES TO SCALE CLEAN ENERGY BUSINESSES
- 15.30-16.00 COFFEE BREAK + NETWORKING
- 16.00-16.45 GROUP DISCUSSION: SUPPORTING CLEANTECH ENTREPRENEURS
- 16.45-17.30 PANEL DISCUSSION: FROM TALK TO ACTION
- 17.30 WRAP-UP
- COCKTAIL RECEPTION + LAUNCH OF NEW ENERGY NEXUS