BE PART OF THE ENERGY

TRANSFORMATION THAT'S COMING
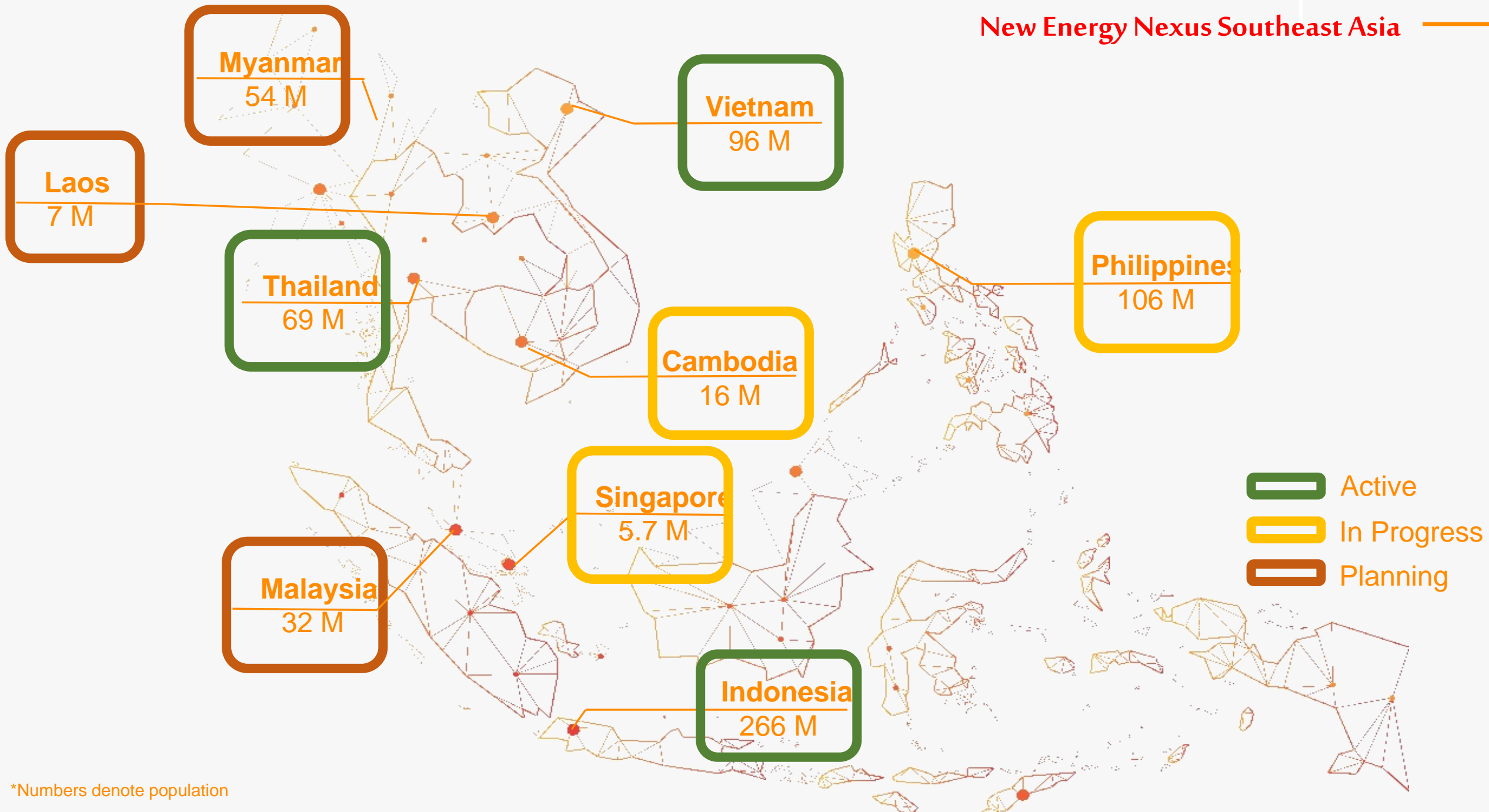
NEW ENERGY NEXUS

SOUTHEAST ASIA

New Energy Nexus Southeast Asia

Myanmar
54 M

Vietnam
96 M

Laos
7 M

Thailand
69 M

Philippines
106 M

Cambodia
16 M

Singapore
5.7 M

Malaysia
32 M

Indonesia
266 M

Active

In Progress

Planning

*Numbers denote population

New Energy Nexus – Entrepreneurship Support Services

LAUNCH	ACCELERATE	FUND	PILOT
Offers early stage incubation, events, hackathons and skills training for startups.	Supports later stage startups with matchmaking and commercial partnerships.	Provides capital to startups in the form of grants and/or equity.	Supports startups in developing pilots at laboratories and demonstration sites.

Launch Activities	Scaling Growth	Seed Fund	Pilot Opportunities
Incubation Programs

Smart Energy Hackathons

Nexus Incubators | Business growth

Investor Workshops

Free Electrons | Investor Introductions

Corporate VCs

Nexus SEA
Seed Fund | Testbeds

Universities & Research Labs

CalTestbed |

Smart Energy Categories We Support

Clean Energy & Storage	**Smart Grid**	**Energy Efficiency**	**Energy Management**	**Customer Experience**
E-Mobility	**Business Model Innovation**	**IOT & Digitization**	**Energy Access**	**Block Chain**

Nexus Thailand - Incubation Program 2019

Startup	Description
TIE Smart Solutions	TIE Smart Solution is creating an automated air-conditioner (AC) energy management platform for industrial and commercial buildings. The platform communicate directly with the building's chiller plant management system which allow it to automatically optimize the system's efficiency and provide users with energy data to help them reduce operation and maintenance cost.
HiVE Enerkey	HiVE is creating an energy management platform "Enerkey" for A/C system in residential and commercial users. The software aim to incorporate AI and IoT data analytic to achieve automated algorithm to control air conditioning system.
4EV	4EV is developing a platform to give electric vehicle (EV) users better access to charging stations to increase the adoption of EV in Thailand. With future improvement of infrastructures and regulation, the team aim to become Airbnb for EV station: a peer-to-peer service platform for EV community.
Garud	Garud is creating a spatial online tool for crop-land suitability analysis - helping farmer and food manufacturer narrow down to the most suitable crops in an area they want to invest through environmental and market factors. It has plan to shift the current platform toward solar and RE industries - helping investors identify the most suitable site and type of energy to invest in.
KK Consulting	KK Consulting is creating an industrial machine monitoring tool (hardware & software) to save O&M cost of manufacturers and factories. This monitoring tool has additional benefits in increasing energy efficiency, up to 30% on its first installation.
Symbior PMR Co., Ltd	Symbior PMR is developing a Solar System Monitoring platform to improve their solar farms efficiency and energy data management. Their solution aim to surpass other 3rd party monitoring services which currently unable to cater to all of Symbior Energy's requirements. This function can possibly help Symbior extends its business line to O&M and Asset Management service.
Genpath	Genpath is developing a "smart floor" to harvest the kinetic energy produces from pedestrians' walking motion and turn it into electricity. Genpath aim to be an alternative energy producer to supplement low electric power for systems such as Wireless Sensor Networks (WSNs).
JIGseed	JIGseed is developing a B2B residential air-conditioner (AC) energy monitoring hardware for AC system retailer and installer. It aims to deliver energy savings and lengthen the AC product lifespan.

1 **Energy Efficiency is a need in ANY market**
- Energy Efficiency solutions can be deployed anywhere
- Policy factors do not hinder deployment

2 **Many "startup" technologies can be applied to Energy Efficiency Challenges**
- IoT, data aggregation analytics & machine learning
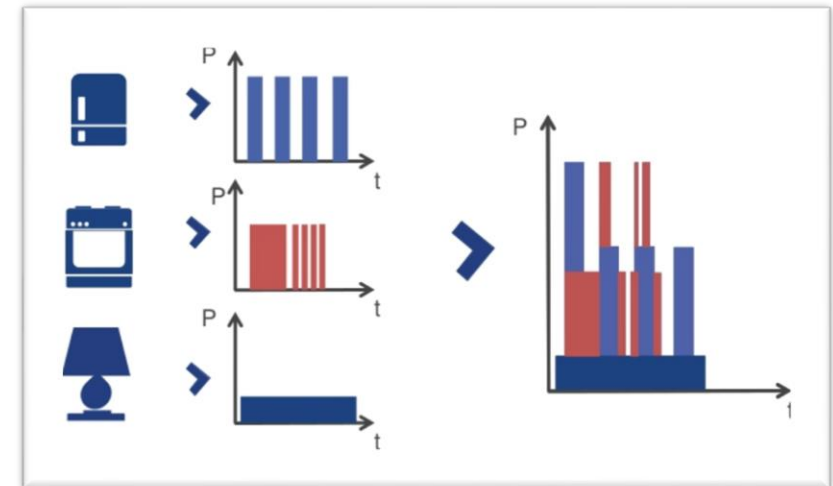- Load disaggregation / Enabling ESCOs

3 **Solutions for all customer types**
- Residential, commercial and industrial clients require different customized and engagement models
- Large market opportunities

4 **Advice for EE startup success**
- Identify value creation opportunities
- Scalable solutions – especially for residential
- Focus on client and user experience

Image Source: Alpen-Adria University Klagenfurt

NEW ENERGY NEXUS

SOUTHEAST ASIA

nexusea.co

@NENSEA

@Nexus_SEA