

Thailand's Country Report on The State of Nuclear related Activities

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Thailand Institute of Nuclear Technology

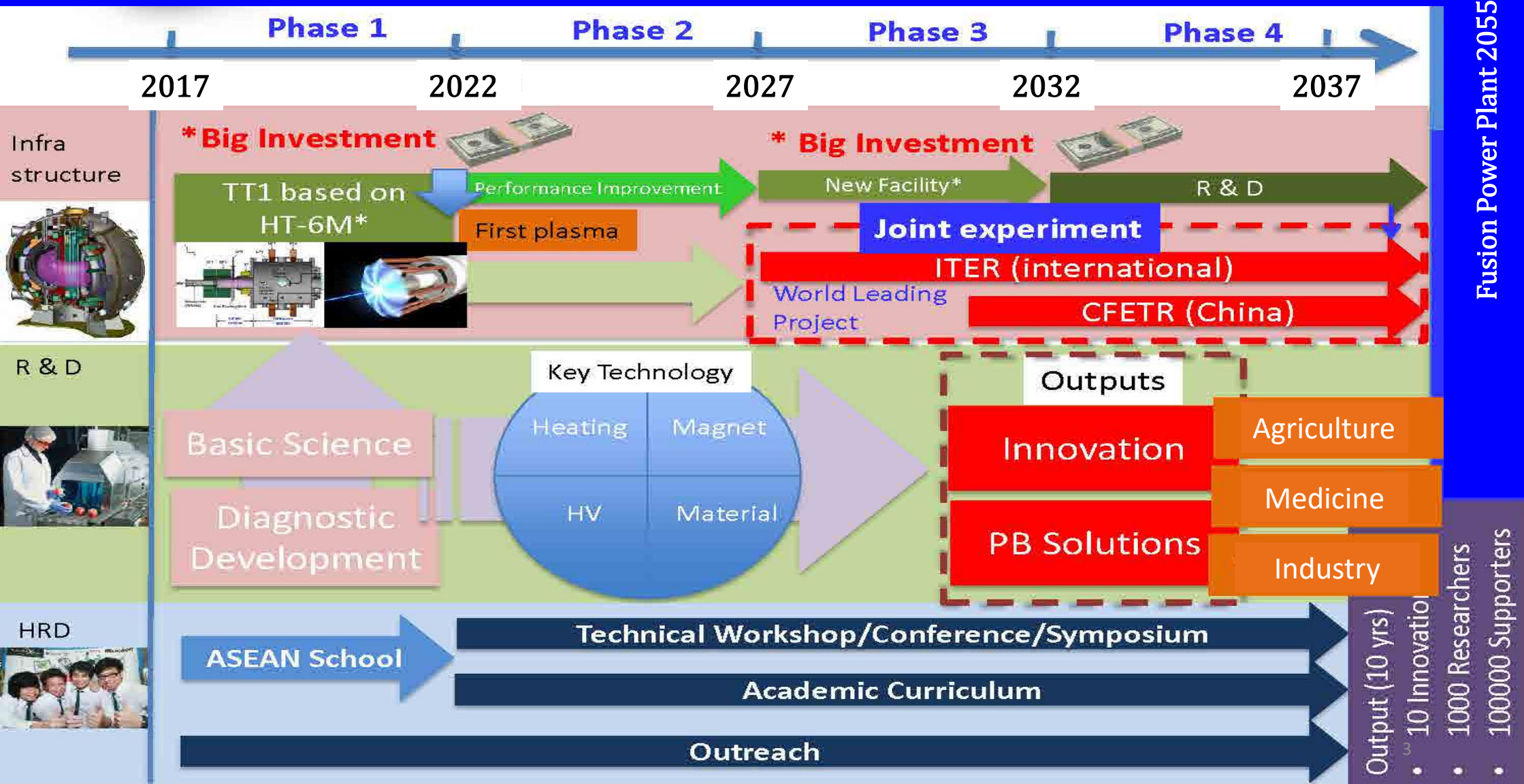
2021 FNCA Ministerial Level Meeting (9 December 2021)

Future Energy for all mankind

“Thailand would like to be part of this journey
for the quest of future energy.”

SCIENCE
THAILAND'S JOURNAL OF SCIENCE
ILLUSTRATED

20 year Development Plan for Fusion Technology

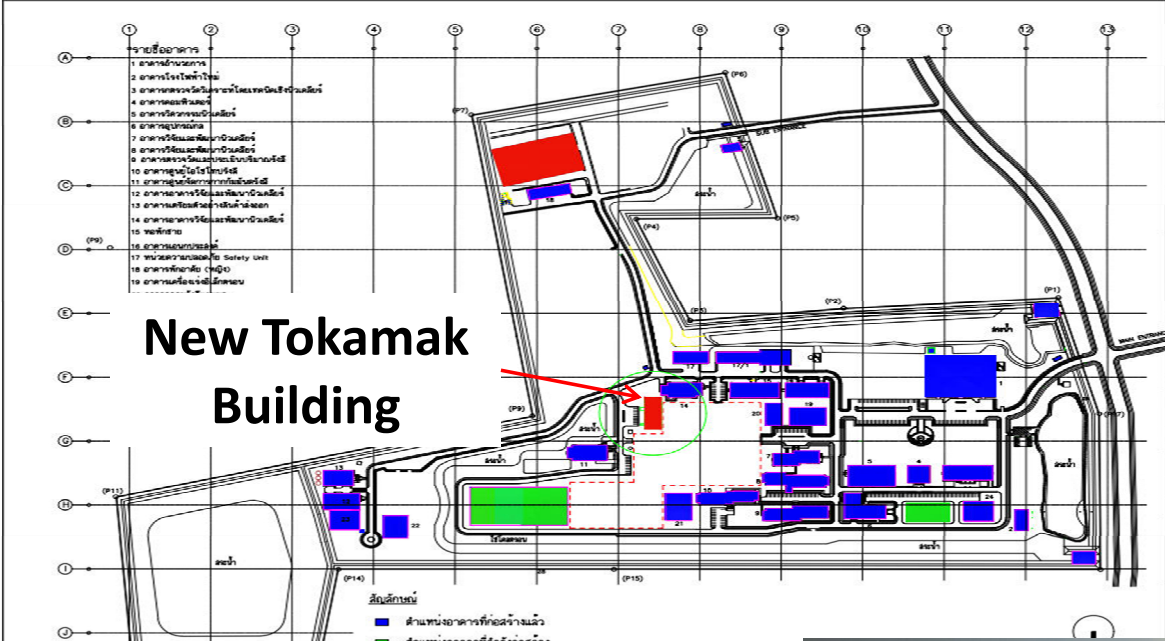


Center for Plasma and Nuclear Fusion (CPaF)

Thailand Institute of Nuclear Technology (TINT)



Tokamak Building Complex



PROJECT: แผนปรับปรุงอาคารศูนย์วิจัยและพัฒนาเทคโนโลยีนิวเคลียร์

LOCATION: ศูนย์วิจัยและพัฒนาเทคโนโลยีนิวเคลียร์

OWNER: สำนักงานพลังงานปรมาณูเพื่อสันติ

ARCHITECTS: บริษัท เอ็นบี

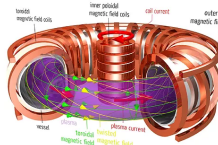


Developmental Plan and Installation of Thailand Tokamak I



ASIPP-CPaF Tokamak Seminar Aug 8-10, 2018
in Centara Grand at Central Ladprao, Bangkok

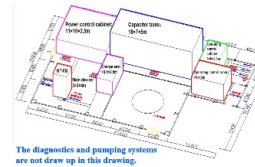
- Learn about fusion physics and engineering concepts, tokamak operation, subsystems, and diagnostics
- Taught by world leading experts from ASIPP (EAST tokamak developer and a main contributor of ITER project)
- HT-6M machine: past success and future outlook



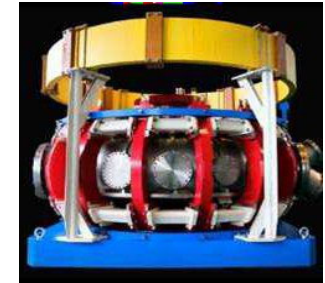
Sep Donation
Cermemony @ASIPP



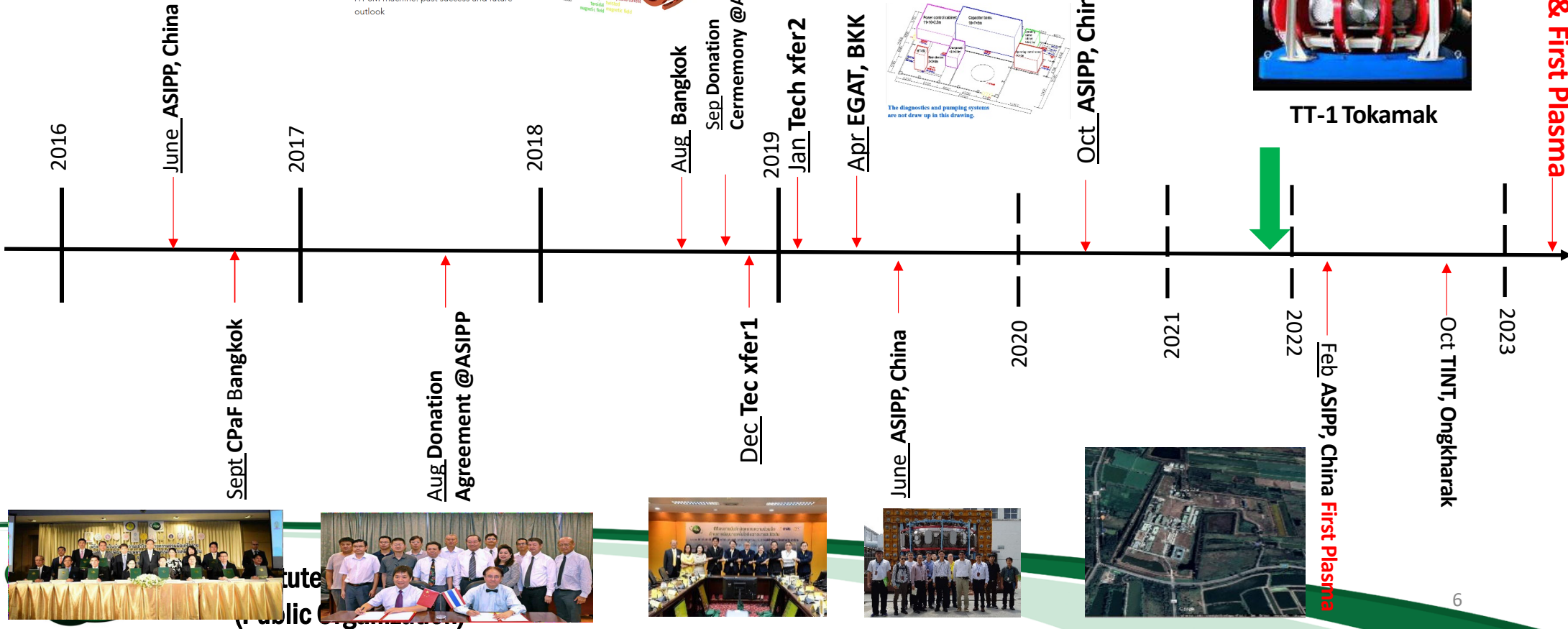
Oct ASIPP, China



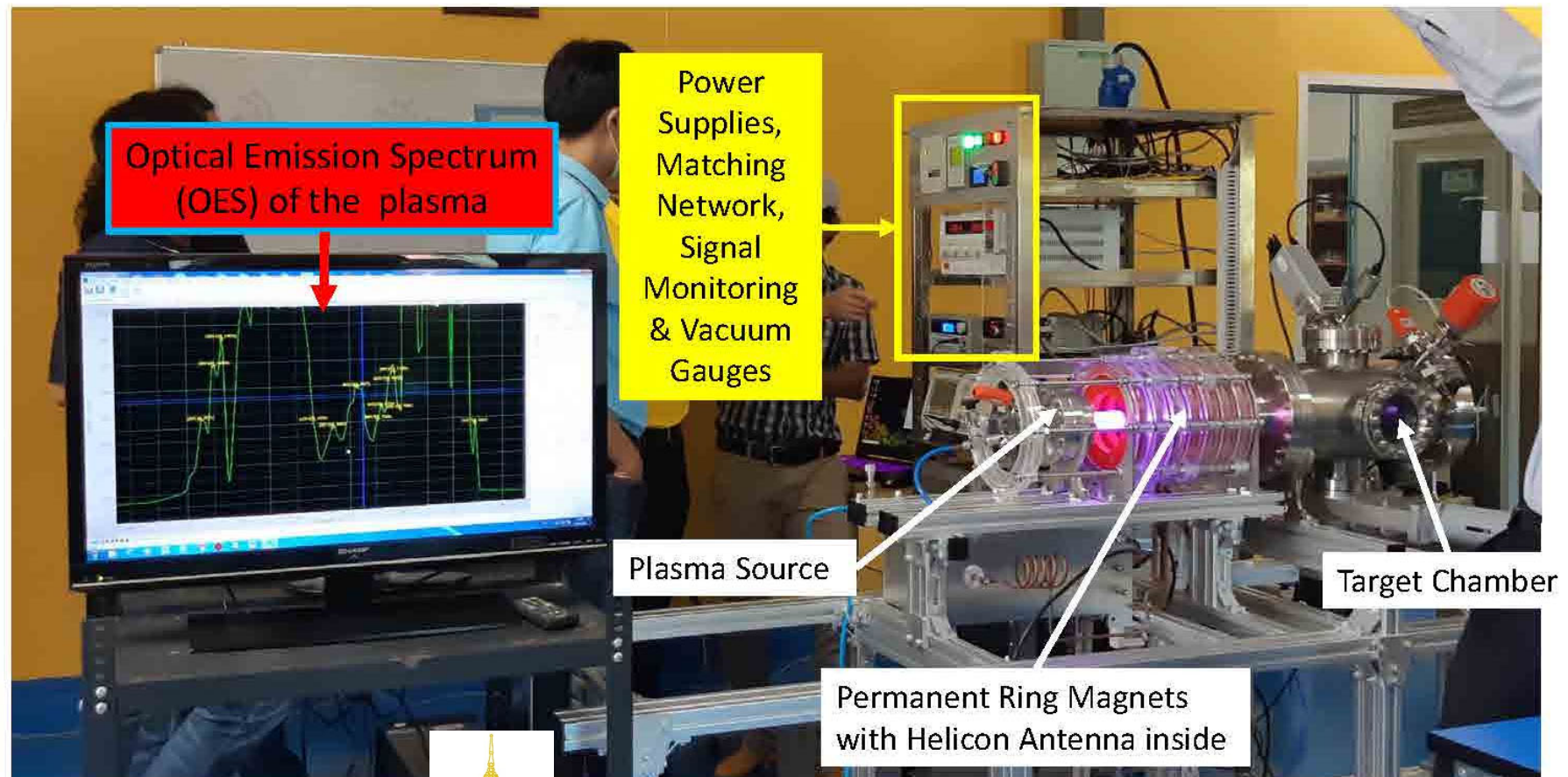
The diagnostic and pumping system are not draw up in this drawing.



TT-1 Tokamak



Advanced Plasma Source for High Density Plasma



EGAT



Center for Plasma and Nuclear Fusion Technology

HRD through ASEAN School for Plasma and Nuclear Fusion

Embracing the ASEAN Dream Engaging the ASEAN Future

Susilo Hadi

Alumni: ASPNF-5, Nationality: Indonesia

Current: Plasma and Nuclear Fusion. Aix-Marseille
Université, France

Marthen Gabriel

Alumni: ASPNF-4, Nationality: Indonesia

Current: Texas A&M University, USA

Kasidapa Polprasarn

Alumni: ASPNF-6, 7, Nationality: Thailand

Current: ENS Paris-Saclay via Université Paris-
Sud

Suphachok Buarak

Alumni: ASPNF-4, Nationality: Thailand

Current: Paris-Saclay via Université de Paris

Seeding Fusion Plant

Many students have joined ASEAN School for Plasma and Nuclear Fusion (ASPNF) following their own interest. Some of these students continued their fusion journey in their higher education. A number of their destination are from organizations involving in ASPNF, Joining ASPNF means better opportunity to gain further insights, to build network,, more importantly to meet fusion experts in-person. Embracing the ASEAN dream and Engaging the ASEAN future

