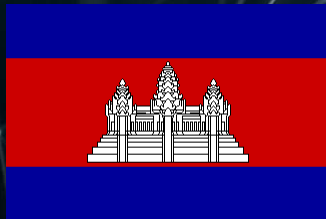


Bridging the Youth with Industry 4.0

Objective : To Overcome the critical issue of unemployment rate and matching the youth education system and skill set with the industry needs in ASEAN



Country: Cambodia

Institute: Kirirom Institute of Technology

Team: The Opportuniter

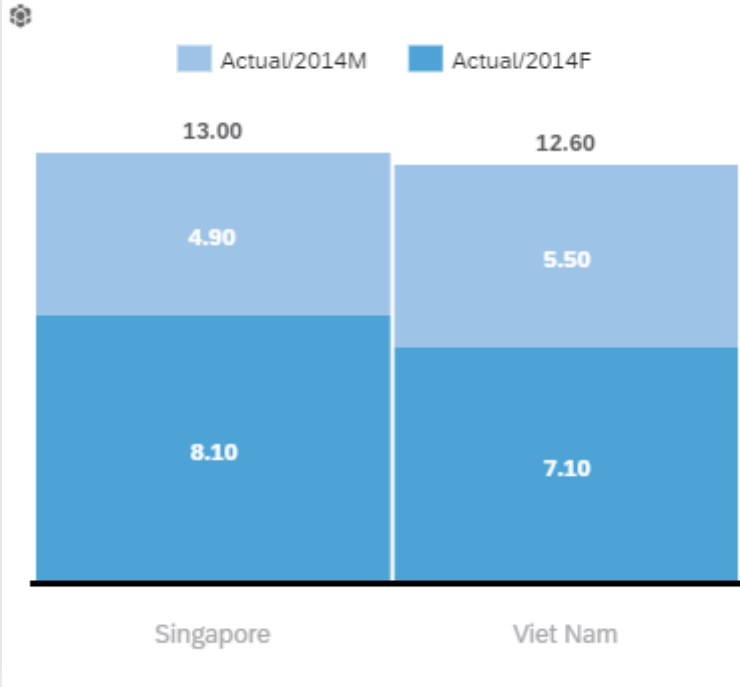
Member: Yin Mazatin

Member: Sambo Visal

The unemployment rate of youth in ASEAN

The unemployment rate of youth in Vietnam (Mainland ASEAN Country) and Singapore (Maritime ASEAN Country)

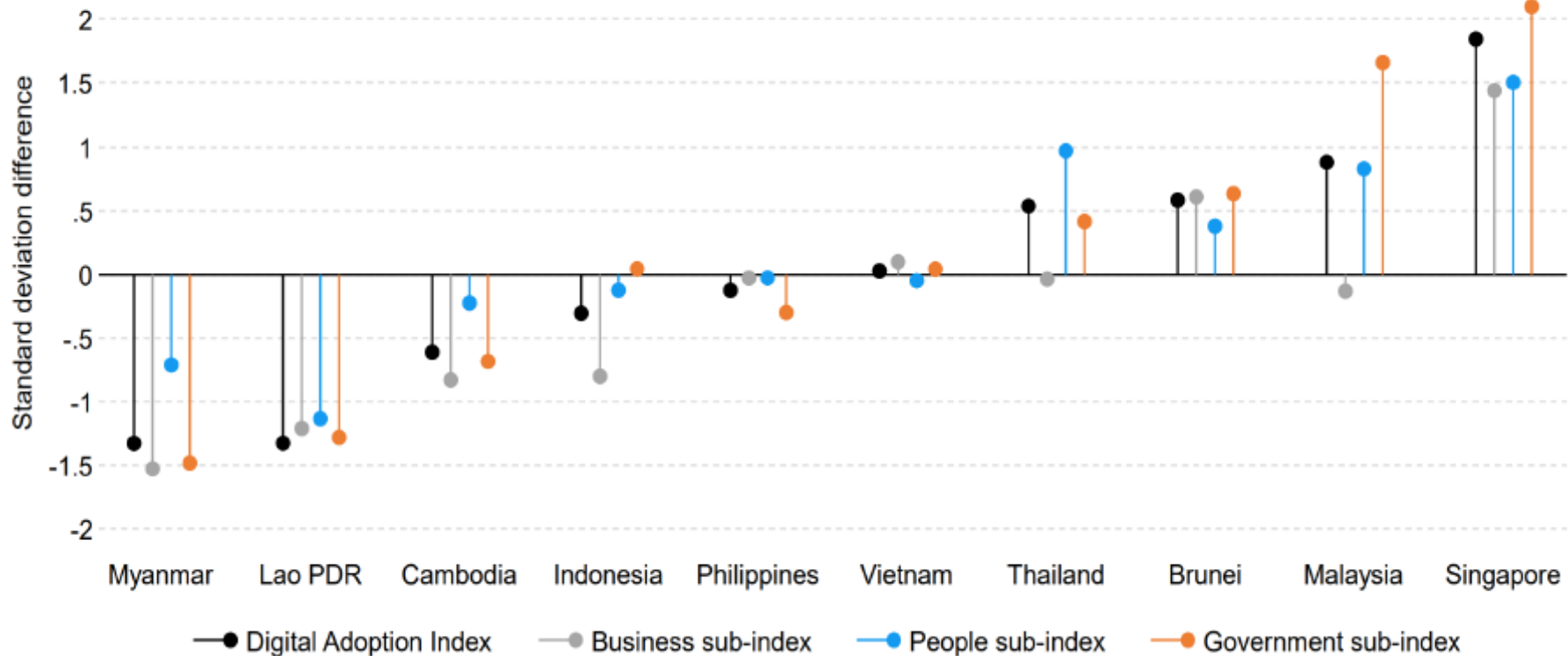
2014F, 2014M per Countries for Actual



Analysis: By the unlimited improvement of the technology in the industry nowadays & the mismatch skills of youth and what the industries demand The unemployment rate in ASEAN is in high position which need to concern and solve.

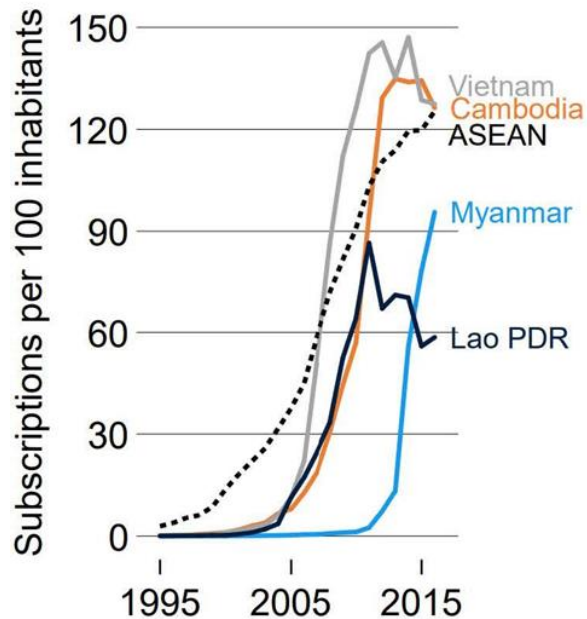
Digital Adoption in ASEAN

Digital Adoption Index (and sub-indexes), relative to world average

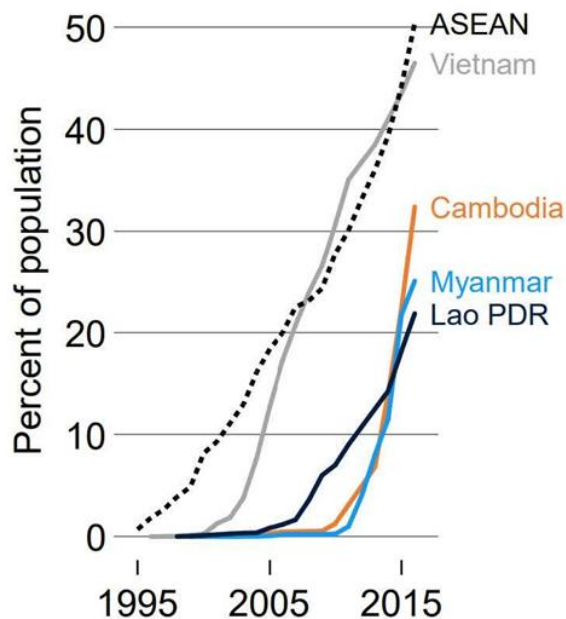


Digital Infrastructure in ASEAN

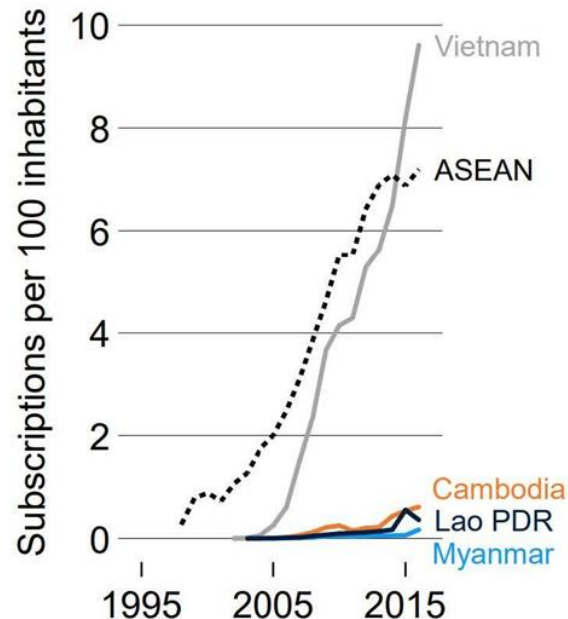
Good basic mobile access



Improving internet access

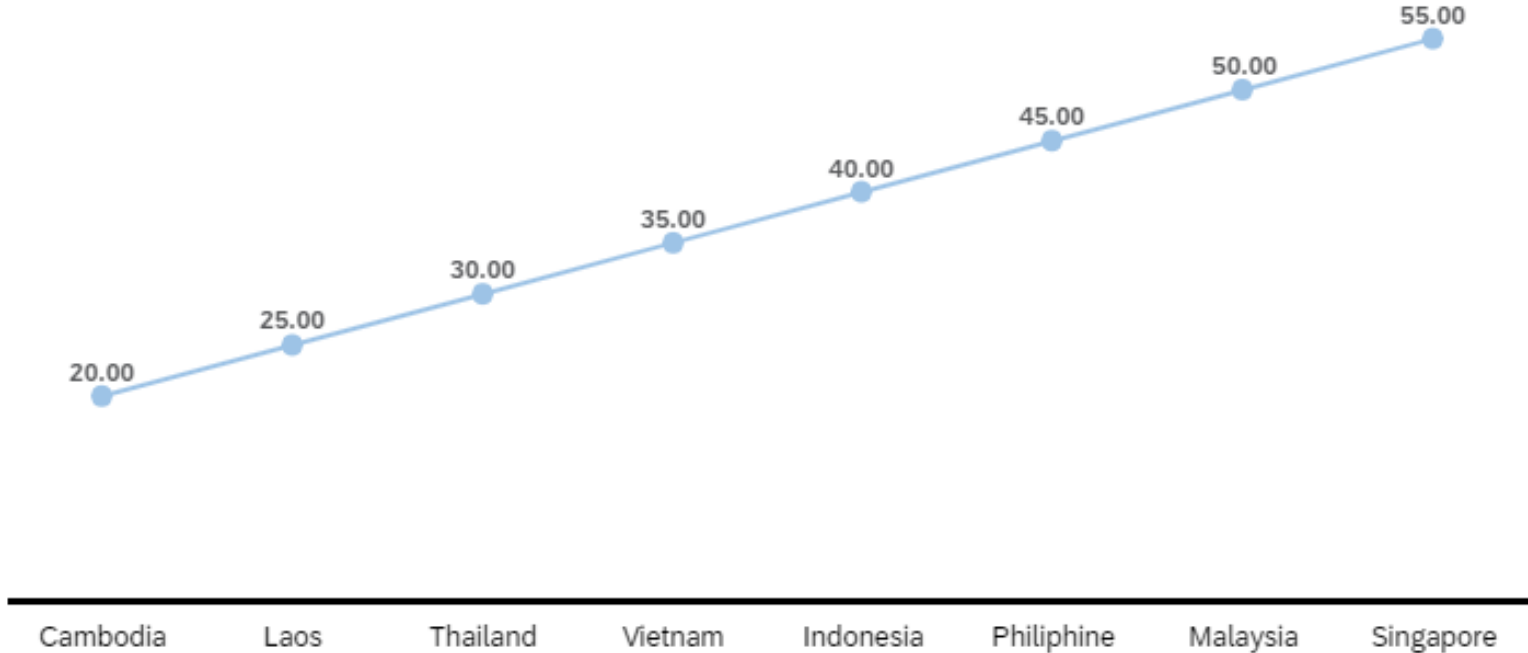


Inadequate fixed broadband



Percentage Rate of Student in STEM Field

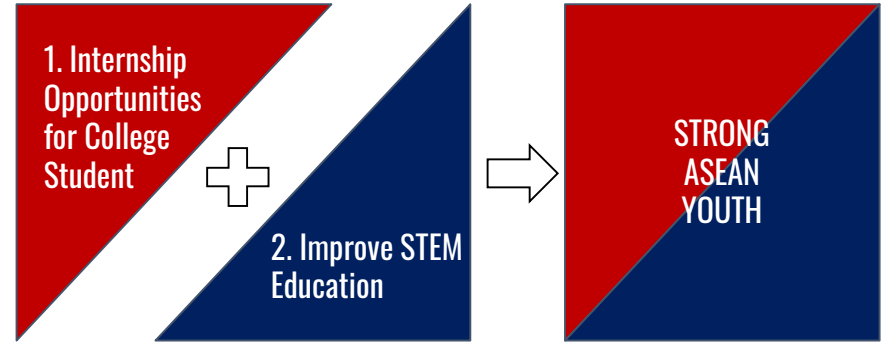
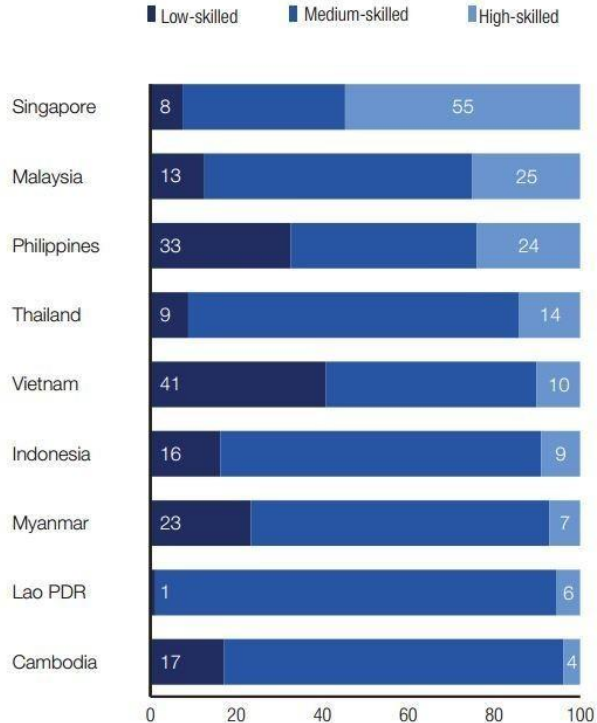
Percentage of Student in STEM Major (2008)



Based on YSEALISTEM.org, Cambodia & Laos are the countries which has the less number % of the student in STEM Field.

Percentage Rate of Student in STEM Field

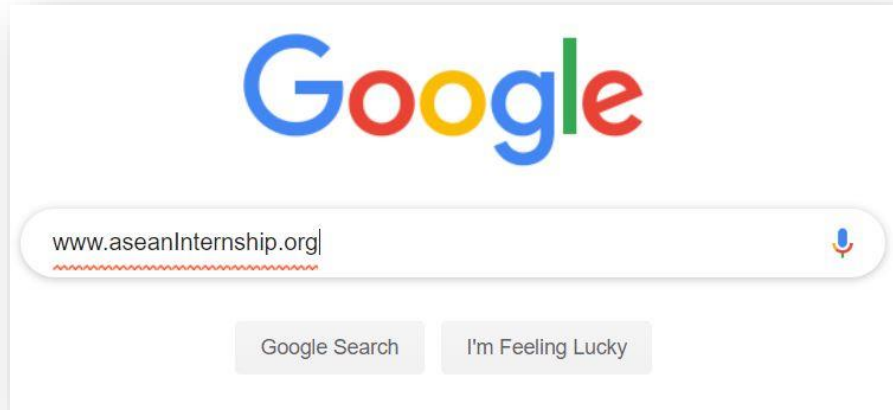
Employment share



1. " By Increasing the Internship opportunities from all companies in ASEAN for college students during their study. We believe the youth 's skill set will be enhanced & ready for the realtime working environment for the IR 4.0 "

2. " STEM Education is very essential for this digital era by Improving STEM education and the gender equality for female student in STEM field. The Industry Revolution 4.0 will be handled by the talented STEMer & lead the ASEAN community to the eternal of prosperity "

Proposed Solution 1: ASEAN Companies Internship Website

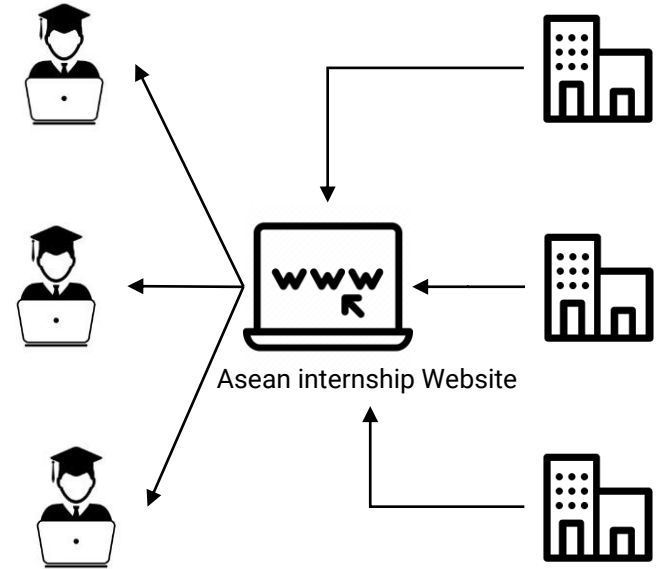


www.aseanInternship.org is an information website that provide the college students in ASEAN to search for the internship opportunity from all companies in ASEAN. Main concepts of the platform :

1. All the internship informations from company in ASEAN is broadcasted at a single platform.
2. Students apply for internship via the platform, Company receives the intern application.
3. Student and Company make the Interview & Negotiation.
4. Confirmation & Start the internship

College Student

Companies in ASEAN



“ WIN - WIN Situation ” Students are able to find & apply for the internship opportunity easily, Company easy to recruit new internship candidate.

Proposed Solution 2: Promoting STEM Park for Education



Coconut School in Cambodia



STEM Park in Myanmar

STEM Park is the place where it contains the STEM tools that provide the student to play, have fun & learn more about STEM subjects in the park by themselves. After applying the practical of STEM subjects in STEM Park. The students will receive 4 main benets :

1. Enhance the self-learning and Intelligence quotient
2. Have time for practical the thing after the theory class
3. Explore more about STEM in real time environment
4. Play & Have fun as a team (teamwork)



“ One Vision, One Identity, One Community ”

Thank You !

References

- + ASEANDSE Participants Dataset
- + World Bank , 2018
- + ITU, 2017
- + <http://ysealistem.org>
- + <http://csr-asia.com/>
- + World Economic Forum, 2016