INFO-SESSION
EBA Internship Program

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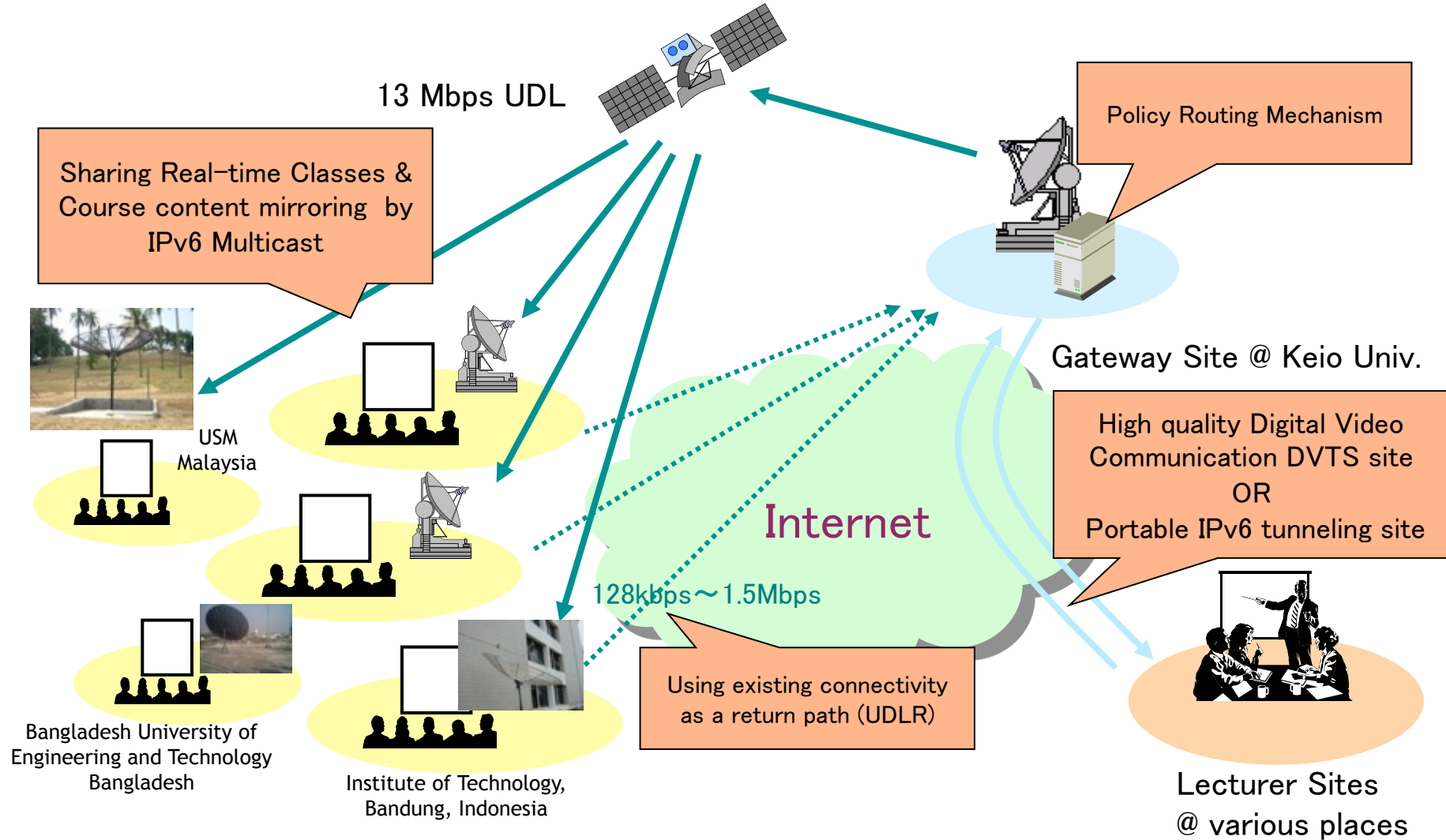
Agenda

- **Introduction to EBA internship**
- **Process**
  - **Selection criteria & method**
- **Overview of company**
  - **Schedule & Requirements**
  - **Internship theme**

SOI Asia platform has connected leading universities in Asia

Since 1996 SOI Asia has provided the broadband network, combing satellite and the internet.

13 Mbps UDL

Policy Routing Mechanism

Sharing Real-time Classes & Course content mirroring by IPv6 Multicast

USM Malaysia

Gateway Site @ Keio Univ.

High quality Digital Video Communication DVTS site
OR
Portable IPv6 tunneling site

Internet

128kbps～1.5Mbps

Using existing connectivity as a return path (UDLR)

Bangladesh University of Engineering and Technology Bangladesh

Institute of Technology, Bandung, Indonesia

Lecturer Sites
@ various places

SOI Asia Student Sites @Asian Partner Universities

Evidence Based Approach

with Resilience, Innovation and Sustainability

Focus on research and education on BIG DATA
(data collection, analysis, and visualization)

INFORMATION TECHNOLOGY
Scientific analysis with evidence based approach.

EXPERT KNOWLEDGE
Deep knowledge and problem finding ability in [Energy and Environment] [Health Environment] [Disaster and Security]

GLOBAL COLLABORATION SKILL
Discuss across borders to find out the solution

SOCIAL INNOVATION
Realizing the solution in the society with innovative way.

CULTURAL UNDERSTANDING AND ACTIONS IN THE FIELD

EBA has implemented exclusive internship to "Match **top performance** students with **cutting-edge** company for full-time **JOB opportunity**"
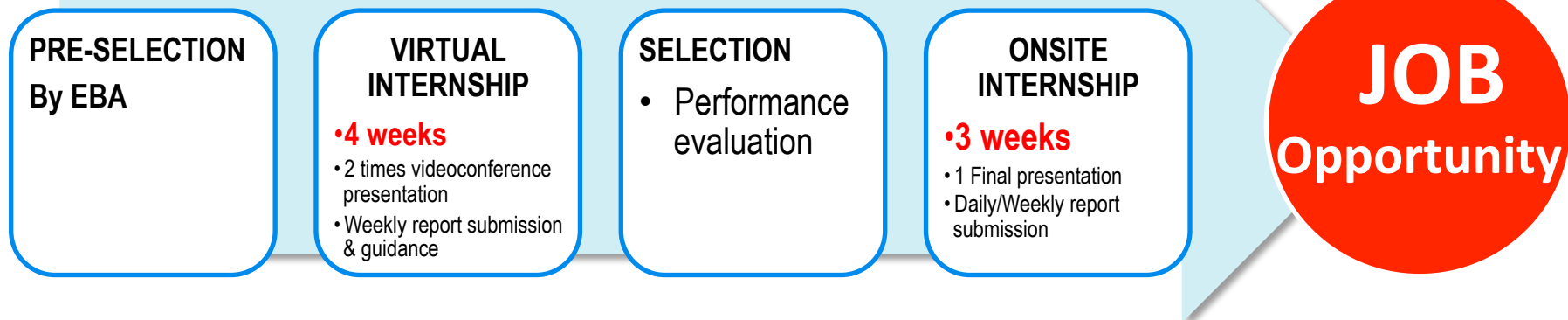

Take courses offered by ASEAN/Japan partner Universities
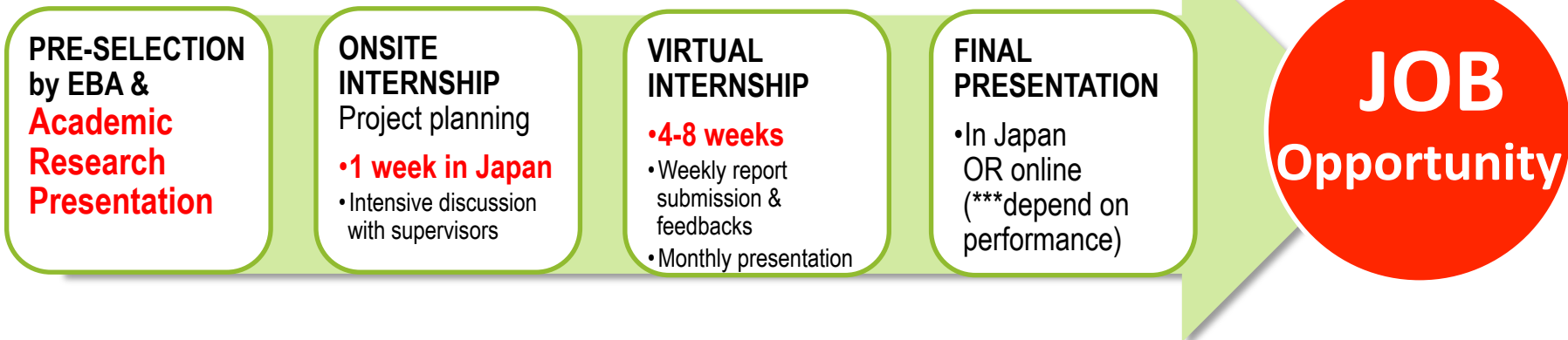
Visit ASEAN/Japan for fieldwork

Gain Skills of EBA and Solve the global issues

http://www.eba-consortium.asia/

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Types and Process of Internship

1. EBA INTERNSHIP

PRE-SELECTION By EBA

VIRTUAL INTERNSHIP
- **4 weeks**
- 2 times videoconference presentation
- Weekly report submission & guidance

SELECTION
- Performance evaluation

ONSITE INTERNSHIP
- **3 weeks**
- 1 Final presentation
- Daily/Weekly report submission

JOB Opportunity

2. EBA MASTER INTERNSHIP

PRE-SELECTION by EBA & Academic Research Presentation

ONSITE INTERNSHIP Project planning
- **1 week in Japan**
- Intensive discussion with supervisors

VIRTUAL INTERNSHIP
- **4-8 weeks**
- Weekly report submission & feedbacks
- Monthly presentation

FINAL PRESENTATION
- In Japan OR online (***depend on performance)

JOB Opportunity

Key components of EBA Internship

★ Job opportunity in Japan★

6 out of 27 interns are currently working in JAPAN
- 3 Indonesian Engineer (UB intern 2014)
- 1 Indonesian Marketing staff (UB intern 2015)
- 1 Malaysian Technology Development Strategist (USM intern 2013)
- 1 Energy Business development Assistant Manager (HUST intern 2014)

Key components of EBA Internship

Presentation to top management

Challenge work experience

Kick-off & Wrap-up Workshop
(Big Data, How to be success in JP business environment)

Interim/ Final Presentation

Schedule

- Check on
  http://www.eba-consortium.asia/?p=2149

- Application deadline:
  October 22, 2015 (KDDI)
  October 30, 2015 (WNI, NEC)
  Including logical communication test

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Pre-selection → Virtual internship → Onsite internship

1. **Logical communication test** (50 mins web test)

2. **Eligibility:** students who will graduate by 2017/03

3. **Required documents:**
- Application form
- Copy of transcript
- Resume
- Copy of English proficiency test score (e.g. CU-TEP, TOEFL, TOEIC) [if any]
- Recommendation letter

Pre-selection > **Virtual internship** > **Onsite internship**

No.	Criteria	Points	Methods
1	Logical communication skills	25	Web test (50 mins) Logical capturing, thinking, conveying, Planning skills, Situation understanding skills
2	Internship goal	10	Application form, interview, resume
3	Reason of choosing company	10	
4	Experience (Internship, Academic project)	10	
5	Language: English (TOEIC > 700 or equivalent), Japanese is a plus	5	
6	Technical skills/knowledge (e.g. Java, LINUX, business planning)	5 for each skill	Required skills to be confirmed by company
7	Recommendation by professors	10	Recommendation letter
*	Research Experience	30	Research presentation (Only EBA Master Internship) **Judges: 1 company representative**, 1 EBA coordinator, 1 local faculty member

Logical communication skill test

2. Structuring

1. Capturing

L1, L2, L3, Clear

3. Conveying

people
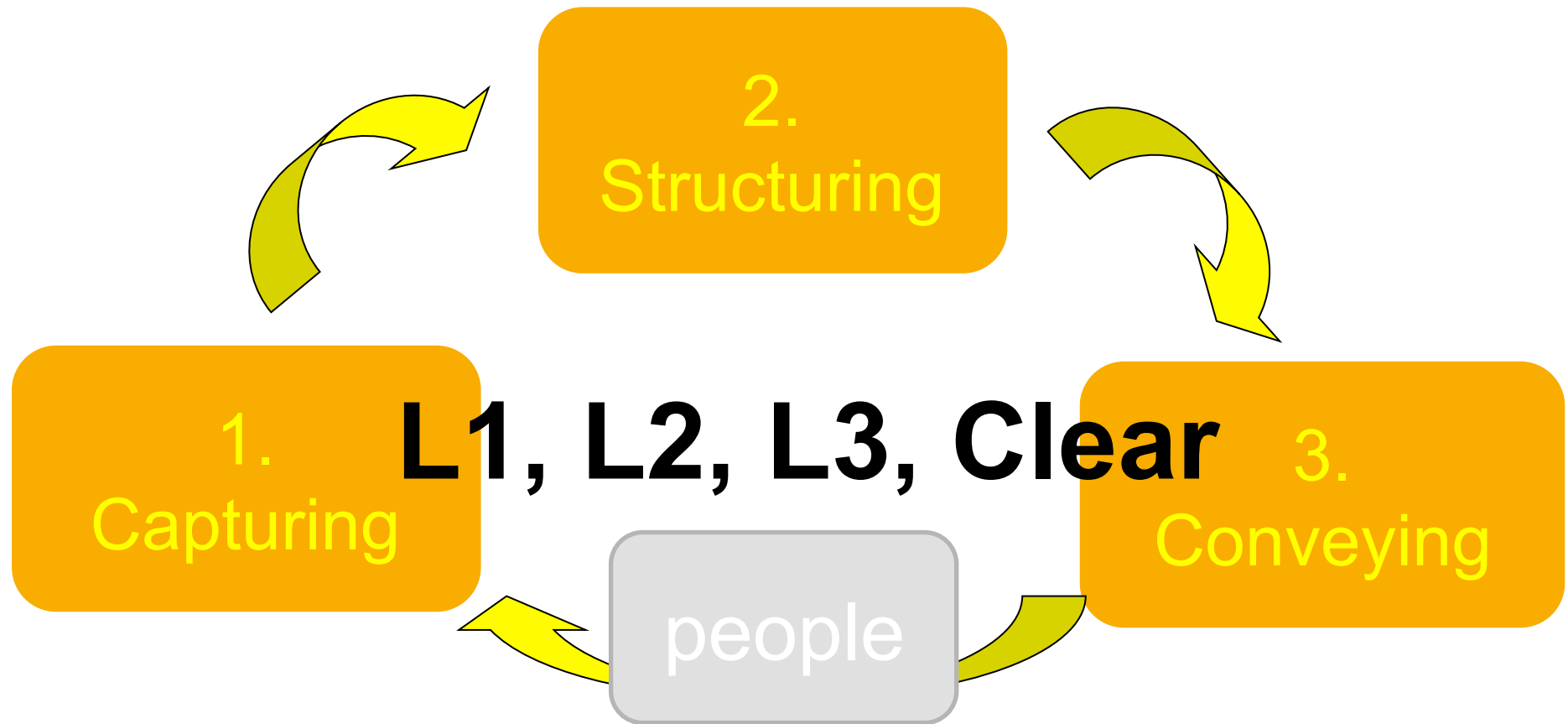
Why logical communication is important?

There are 2 reasons.

1. **Japanese Business environment**
   - **Communication is very important in Japanese companies.**
     - Information is not open.
     - Need to ask to know.

2. **This internship is directly connected to executives.**
   - It is very important how to tell **exactly what you want to do**.

About the test

How to take the test?

- – Web test

- – 50 minutes

- – Up to 3 times
  (The score of final attempt will be counted.)

- – URL will ONLY be informed to
  students who submit application form

Logical communication test (25 points)
1. Registration

Web test URL will be informed by e-mail after you submit application

–Collaboyou–
-Assessment for measuring Business Essential Skill, called Logical Communication-

CTOC will exceptionally disclose your registration information and the test result.

Intellectual Property Right Policy

1. All intellectual property rights of Collaboyou Test, titled "Mobile Phone Business/ Corporate Sales Department [Wonderful Phone Co., Ltd.", is protected by the Japanese Copyright Law.
2. This copyright does not allow any Copying, transferring, editing, and providing without a written consent from CTOC.

Opt-in Agreement

In case when you agree with the above all policies, you fill in your email address at the following space. CTOC sends 1] Collaboyou Test Site URL, 2] Collaboyou Test ID and 3] pin no via your registered email address for you to take Collaboyou test.

E-mail address (required) [   ]

Send

1. Insert your e-mail (the one you wrote in application form)
2. Click send

2. Message after registration

**Mobile phone business/ corporate sales department
(Wonderful Phone Co., Ltd.)**

Sent

Thank you for your entry.

For further inquiry or questions, please contact collaboyou LLP.

3. Log-in to the test page

Authentication Required

×

The server http://collaboyou.com:80 requires a username and password. The server says: Input ID and Password..

User Name:

Password:

1. Check URL of test link User name and Password from your e-mail's SPAM box
2. Fill your user name and password
3. Click log in

Cancel   Log In

4. Doing test

Mobile phone business/ corporate sales department (Wonderful Phone Co., Ltd.)

| 1.Overview of the mobile phone industry | 2.About Wonderful Phone CO., LTD | 3.About the Corporate Sales | 4.Management Glossary | 5. question |

YOUR NAME: [   ] *required

You were a freshman who had been assigned to a mobile phone business/ corporate sales department in Wonderful Phone Company. Your boss gave you certain tasks.

1. **Fill your name at top of the page**
2. **You have only 50 minutes for 12 questions**
   (No timing countdown on web page.
   Please set up your own clock.)

*some questions may have more than 1 answer
*This is a long story (Length: 20 A4 pages.)
→ Please click [5.question] to first

5. Submitting your test

You: "Ye, YES! (It will be long tonight...) "

Thank you for taking the test.

Send

Sent

Thank you for taking collaboyou test.

For further inquiry or questions, please contact collaboyou LLP.
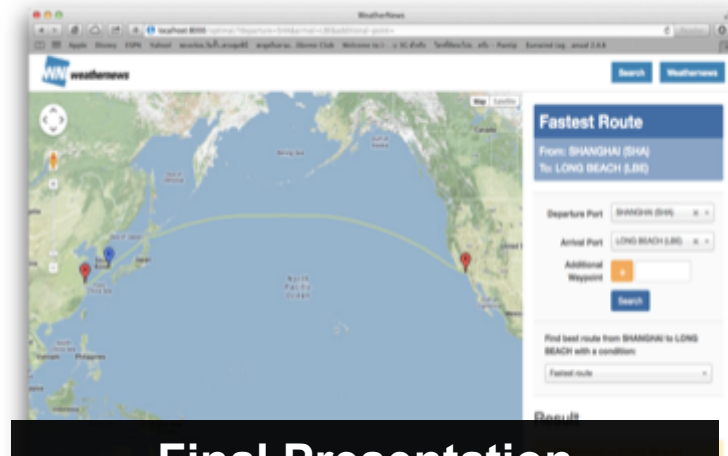
Short-term experiential learning that students get supervision
for a designated assignment from company representative via online communication.

1. Videoconference: 2 times (Interim & Final presentation)

Interim presentation
(Feedback for common understanding, improvement)

Final Presentation
(Report/ Prototype demonstration)

2. E-mail
(progress & final report)

Weekly (2 options)
#1: via mailing list: ○○○@soi.asia
#2: Direct: student→company

EBA Virtual Internship: Performance evaluation criteria

[5 = excellent, 4 = very good, 3 = average/meet expectation, 2 = fair, 1 = poor, NO = non-observed]

Individual assessment	1	Overall satisfaction
	2	Quality of work
	3	Quantity of work
	4	Logical presentation/ telling
	5	Ability to learn
Outputs	6	Creativity
	7	Problem solving
Extra points	8	Teamwork
	9	Challenging spirits
	10	Feasibility
	11	To be confirmed

Extra point is an optional and confidential score that will not be shared to other companies

Pre-selection ➤ **Virtual internship** ➤ **Onsite internship**

Pre-Workshop at Keio University

- Japanese language
- Logical communication
- Big Data Management in Energy Industry
- How to succeed in business environment

Pre-selection	Virtual internship	Onsite internship

- **Purposes:** For students
  - ❖ To gain real work experience at headquarter
  - ❖ To understand company's business
- **Duration:**
  - ❖ 3 weeks for EBA internship
  - ❖ 1 week for EBA Master internship
- Job interview on the final week/via videoconference

Company tour & Orientation

Presentation to CTO & get feedback

Informal talk, Lunch, Dinner, travel on weekend

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Participating companies

KDDI	Smartphone application + microcomputer, The evaluation on mobility of content-centric networking
WN weathernews *Always WITH you!*	Visualization, mobile/web app, weather data analysis & service
NEC	Energy Business Development (HEMS, FEMS)
NTT DaTa Global IT Innovator	Smart community, big data, application on cloud tech

EBA Master Internship with KDDI

KDDI: EBA Master internship

Activities	Schedule
Application deadline	~2015/10/22
Logical communication test	~2015/10/22
Interview	2015/10/29-11/03
Announcement of successful virtual internship candidates	2015/11/04
Virtual internship (3 weeks)	2015/11/9-30
Weekly report submission by students	Every Sunday
Interim presentation via videoconference system	2015/11/17 [To be confirmed]
Final report submission	2015/11/29
Final presentation & evaluation	~2015/11/30 [To be confirmed]
Announcement of successful onsite internship candidates	~2015/12/25
Onsite internship in Japan	2016/02
Job interview	One day after onsite internship
Working in Japan as full-time employee	2017/04~

Theme 1

□ **Subject**

1. Implementation of Test bead
   - Study ICN protocol behavior and ICN software (CCNx/NDN)

2. Performance measurement
   - Study ICN behavior on future mobile network
   - Study influence of its behavior to user experience

3. Performance analysis
   - Clarify effectiveness of ICN for future mobile network by comparing with existing technique.

□ **Skill requirement**

- Fundamental skill of C/C++ and Linux
  (you have to read ICN source code and develop ICN application)
- Fluency of both English and Japanese
  (you can communicate with people in English)

Theme 2

☐ Program

1. Planning new service/application
   - Planning and proposing a new service/application which is combined with a smartphone application and a microcomputer board (Raspberry Pi)

2. Designing and prototyping proposed service/application
   - Designing and prototyping the proposed service/application

3. Developing service/application
   - Developing the service/application based on the design concept

4. Evaluating service/application
   - Evaluating the developed service/application using target users

☐ Skill requirements
- Programming skill of Java, C/C++, Python etc.
  (you mainly develop a smartphone application by yourself)
- Fluency of both English and Japanese
  (you can communicate with people in English)

EBA INTERNSHIP
with Weathernews

http://weathernews.com/   34

Schedule (WNI)

Activities	Schedule
Application deadline	~2015/10/30
Logical communication test	~2015/10/30
Announcement of successful virtual internship candidates	2015/11/07
Virtual internship (3 weeks)	2015/11/9-30
Weekly report submission by students	Every Sunday
Interim presentation via videoconference/ Hangout	~2015/11/17
Final report submission	2015/11/30
Final presentation & evaluation	~2015/11/30
Announcement of successful onsite internship candidates	~2015/12/15
Onsite internship in Japan	2016/02 OR 2016/07
Job interview	Final week of onsite internship
Working in Japan as full-time employee	2016/10 or 2017/04 or when graduation

WNI: Internship Theme

1. Business development idea for the crowed sourced weather information (except game).

   – Can people against for disasters? or pollutions (like a PM2.5) ?

   – How to maximize user experience / user pleasure with sharing the information.

2. Business development for the Asian transportation market with IT.

   – How to involve ourselves into the Asian BtoB market.

   – R, RD, SKY

   • Railway (R): http://weathernews.com/flashver.php?language=en#/services/r/
   • Road (RD): http://weathernews.com/flashver.php?language=en#/services/rd/
   • Aviation (SKY): http://weathernews.com/flashver.php?language=en#/services/sky/

WNI: Required skills

- System Requirements;
  - We do not use SQL database.
  - You can use any OS / programming language, however normally we use follows internally

    - FreeBSD
      Perl, C, C++
      HTML5, CSS3, JavaScript
  - So, Unix platform
    e.g. Linux is better than the Windows

EBA Master Internship with NEC

Smart Energy Business by NEC

- On the energy front, we become a "global leading company that realizes a people- and earth-friendly information society through innovation" as targeted in NEC Group Vision 2017

- We have 4 main stream in Smart Energy Business Unit.

  1. Energy Storage System (ESS)
  2. Advanced Metering Infrastructure (AMI) Solution
  3. Energy Management System (xEMS)
  4. EV/PHV Charging Infrastructure
     - EV (Electric Vehicles)
     - PHV (Plug-in Hybrid Vehicles)
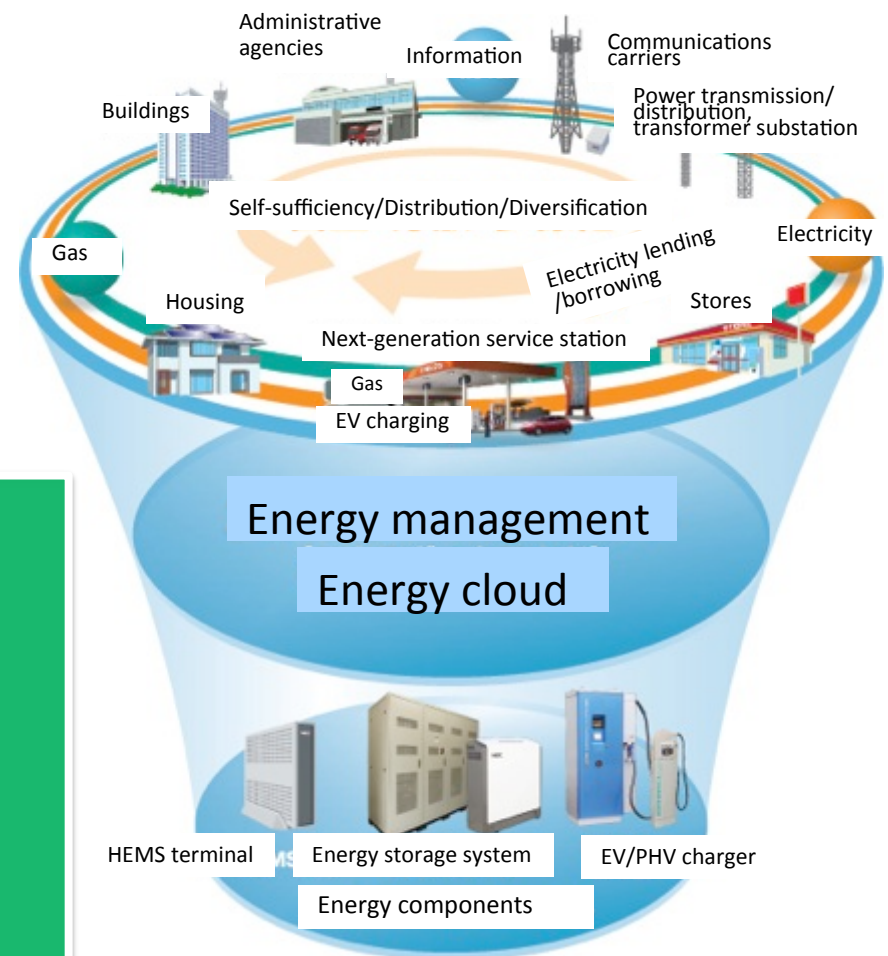
NEC's Smart Energy Business

1. Company Overview

- Vision/Mission

  Creating new value for people, business and society

- Main or current business area

Please visit our company web site as below.

For Our Company: http://www.nec.com/

For Our Smart Energy Business:

http://www.nec.com/en/global/solutions/energy/

2. Introduction to participating department

- **Supervisor's brief introduction**
  - Yutaka TOMIYORI
    - Department Manager,
      Business Integration Department,
      2nd Smart Energy division

  - Tran Viet ANH
    - Assistant Manager
    - Former intern
    - MBA, HUST (Vietnam)
    - Former telecom engineer

3. Goal of internship

- Goals:
  - To acquire basic knowledge about NEC's Smart Energy
  - To practice business development skill in NEC's international business environment

- Why is the company expanding business in Asia?
  - Because economic growth in Asia is remarkable, and it expects significant business opportunities corresponding to considerable demands for energy.

- Why is the company interested in hiring Asian students?
  - Because it is interested in employment of students who have a sense of marketing and ambition to develop new business in Asian energy market.

4. Assignment

- **Objectives:**
  1. Identify **Energy related problem** in your country or APAC region, which you want to solve.
  2. Develop **Business Model** utilizing **NEC's HEMS/FEMS solution** to solve that problem
- **Theme:** Business Model Proposal for Energy related problem.
- **Available positions of interns:** Virtual 1 student
- **Expected deliverables**:
  1. Market Research Report for HEMS/FEMS
  2. Business Model Proposal for HEMS/FEMS
- **Requirements:**

  - Research & analysis skills, Logical thinking/writing

  - Business planning skill, e.g. Business Model Canvas

  - Knowledge of energy related business or solutions

  - Knowledge of new IT related services and solution, e.g. Cloud, Big Data

  - Basic communication skill by English (Writing, Listening, Speaking)

  - Power Point presentation skill

Schedule for EBA Master Internship with NEC (To be confirmed)

*NOTE: Onsite internship Time & Date is to be confirmed with selected students

Option 1	Option 2	Activities	Description
~2015/10/30		Application deadline	- Application submission - Logical communication test
Between 2015/11/ 09-13		**Interview (Optional)**	- Application screening - Interview by NEC/Yukyik/ Masaki sensei 10 mins: Present their academic research outcomes - 10 mins: HEMS/FEMS project presentation
~2015/11/16		**Announcement of successful candidate**	1 student
-	2016/12/13~20*	Onsite internship	Option 1: online sharing material (e-mail/videoconference) Option 2: 1-week between the mentioned time FOR UNDERSTAND NEC BUSINESS
2015/11/21~ 12/20	2016/01-02	Virtual internship	- Interim presentation (1-2 times) (Wed 1800~1900) - Option 1: 2015/12/09 OR 12/16 AND 2016/01/27 - Option 2: 2016/02/10, 02/17
2016/01-02*	2016/02*	Onsite internship	**1-WEEK Final presentation in Japan**
Final day of onsite internship		Job interview	During onsite internship final presentation
#1: 2016/10 OR #2: 2017.04		Start work	As full-time/contract

EBA INTERNSHIP
with NTT Data

Internship theme & schedule: To be confirmed

Thank you

ありがとうございます。

ขอบคุณค่ะ

Terima Kasih

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