



Asia-Europe Meeting

## Working Group Meeting 2 Singapore 27-29.2014

### I. Program and Working Group Process

*Venue:*

National Library of Singapore  
Imagination Room  
5th level  
National Library Building  
100 Victoria Street

<b>Sunday 26.01</b>	<b>Monday 27.01</b>	<b>Tuesday 28.01</b>	<b>Wednesday 29.01</b>
<p><b>Arrival in Singapore</b> <i>If you arrive earlier please let the organisers know</i></p>	<p><b>Site visits to Innovative Programs in Singapore</b> <i>(see enclosed presentation of site visit venues – point IV)</i></p> <p><b>Start/Pick up at Hotel at 08:30</b></p> <p><b>1. Visits to Broadrick Secondary School</b></p>	<p><b>09:00</b> <b>Welcome by Ministry of Education of Singapore</b> <i>Mr Wong Siew Hoong, Deputy Director-General of Education (Curriculum), Ministry of Education</i></p> <p><i>Deputy Director Ms. Eugenia Tan</i></p> <p><b>Welcome by ASEM ME Program Chairman, Head of ASEM Unit Mr. Jørn Skovsgaard Danish Ministry of Education</b></p> <p><b>10:15</b> <b>Key Note on Innovation</b> <i>Presentation by Prof Arcot Desai Narasimhalu, Director, Institute of Innovation and Entrepreneurship, Singapore Management University”.</i></p> <p><b>Questions and discussions with Prof. Desai Narasimbalu ( 45 min)</b></p>	<p><b>09:00</b> <b>ASIA-EUROPE Foundation (To be conf.)</b> <i>Presentation and discussion about the future cooperation</i></p> <p><b>An innovative feature</b> <i>The green library for children is the world’s first green library conceptualised and built with environmental sustainability in mind</i></p> <p><b>10:00 Working Group Process Part 2</b></p> <ul style="list-style-type: none"> <li>• <i>Best practice experience (uniqueness)</i></li> <li>• <i>Universal principles (transferable)</i></li> <li>• <i>What to emphasise in the cases</i></li> </ul> <p><i>See par. II on the proposed working group process</i></p>

<i>Lunch 12:30-13:30</i>		
<p><b>2. Temasek Primary School &amp; 3. Temasek Polytechnic</b></p>	<p><b>Introduction of Program</b> <i>Wrap-up since Copenhagen</i> <i>Program advisor Lars Alrø Olesen</i></p> <p><b>Working Group Process Part 1</b></p> <p><b>Presentation and categorisation of cases</b></p> <ul style="list-style-type: none"> <li>• <i>Each member presents own cases into the group.</i></li> <li>• <i>Categorisation</i></li> <li>• <i>Each group will present their categorisation in the WG Plenum</i></li> </ul> <p><i>See par. II on the proposed working group process</i></p>	<p><b>Working Group Process Part 3</b></p> <p><i>Analysing Drivers for Innovative Competences</i> <i>See par. II on the proposed working group process</i></p> <p><b>Assessment &amp; Conclusions</b> <i>Preparing first outline of Case study report / presentation</i> <i>Conclusion and decisions on preparatory work for the meeting in Oslo</i></p>
	<p><b>Conclusion and closing at 17:30</b></p>	
<p><i>Dinner Hosted By the Singapore Ministry of Education</i></p> <p><i>Closing at 20:30</i></p>	<p><i>Evening organised for a joint dinner e.g. at the Singapore River Walk</i></p> <p><i>Closing at 21:30</i></p>	<p><i>Departure</i></p>

## II. Proposed working group process in Singapore 27-29.01

The Working Group (WG) meeting in Singapore shall foremost bring forward the casestudy on successful/best practice programs or projects selected from the participating countries. In the autumn 2013 we send out some guidelines to support the WG in the selection and preparation of the cases(enclosed). The guidelines were also done to ensure a certain level of "uniform" description to make it a lot easier to compare or diversify the cases.

### **The rationale of the case study**

The case study "exercise" shall provide a hands-on description and understanding on how the education system can contribute to the improvement of "*Innovative competences*"; How Innovative competences are supported in diverse cultural context and also how it can be done on both micro (institution) and macro(system) level. The rationale of the casestudy is to enable us to see more clearly what are the driving forces to create more innovative abilities within the education and school system.

### **The aim of the case study**

The aim is to deliver a variety of initiatives in the field of "Innovative Competences and Entrepreneurial education" to visualise and encourage policy makers in the ASEM ME Countries to take similar or extended initiatives.

### **The expected outcome of Singapore**

- **Collection (catalogue)** of "1st outlined" case studies (app. 15-20 case studies covering primary, secondary and vocational education) - The collection can consist of both micro/school projects – medium sized/clusters of schools or programs or macro/policy initiatives covering broader parts of the education system.
- **First and second round of analysis** of the cases in order to present aspects of:
  - best practice
  - important drivers
  - patterns

It is important to reach a conclusion on how we can complete the case study in Oslo in May. This might turn into "homework" and further preparation if information is needed and if questions to be addressed the practioners of the case studies are requested.

*In Oslo the objective is foremost to decide on the communication and mainstreaming of the Case study.*

## ***Proposed working process in Singapore***

We propose the following process to elaborate the cases at our WG meeting in Singapore:

### ***Process Part 1 – Presentation and categories of cases (Day 1)***

The WG will be organised in 3 smaller groups (like in Copenhagen).

1. Each member presents own cases into the small group.
2. Categorisation – This will also include the three main aspects of Teacher Development, Curriculum Development and Cooperation with business and community.

<b>Primary school</b>	<b>Secondary school</b>	<b>Vocational School</b>
Micro (institution)	Micro (institution)	Micro (institution)
Macro(system)	Macro(system)	Macro(system)
Other	Other	Other

3. Each group will present their categorisation in the WG Plenum

### ***Process Part 2 – Analysis of the cases (Day 1 and 2 flexible organised due to the progress of the groups)***

In new formed groups each of the categories shall be analysed:

- Best practice experience (uniqueness)
- Universal principles (transferable)
- What to emphasise in the cases

### ***Process Part 3 – Drivers of Innovative Competences (Day 2)***

In the third part of the WG process we will analyse and discuss the cases with the special focus of key drivers to improve innovative competences. (the theory of "drivers" will be introduced!).

### ***Assessment – Conclusion and Next Step***

The WG process will be closed with the following assessment:

1. Does the presented cases cover the categories?
2. Shall further cases be called for?
3. Discussion on how **the site-visit cases** can be presented in our case study as kind of reference cases!
4. Dialogue and assessment of what is still needed to prepare a case study (discuss the WG expectations)
5. Preparation of Oslo and potential homework

### III. General Information on Singapore



#### ASEM ME Innovative Competences Working Group Meeting 2

### *Welcome to Singapore!*

#### **Getting from Changi Airport to the City**

##### Option 1: Airport Shuttle

The airport shuttle service offers transport from Changi Airport to hotels in the city. The counter is open 24-hours daily and is available at all terminals. For a single trip from Changi Airport to a hotel in the city, it will cost \$9 per Adult.

##### Option 2: Taxis

Taxis are available at the taxi stands at the Arrival levels of each Terminal. The journey to the city is estimated to cost between \$18.00 and \$38.00 and takes approximately 30 minutes. Fares are metered and there is additional airport surcharge for all trips originating from the airport.

\$5 airport surcharge - 5.00pm to 12.00am (Fridays to Sundays)

\$3 airport surcharge - all other times

Midnight surcharge of 50% of metered fare - 12.00am to 6.00am (daily)

Peak hour surcharge of 25% of metered fare – 6.00am to 9.30am (Mondays to Fridays); 6.00pm – midnight (daily)

#### **Getting from the City to Changi Airport**

Taxis can be hailed on the street or booked through your hotel. For advanced booking, please contact one of the following taxi operators:

- [Comfort or Citycab](#) Tel: (65) 6552 1111
- [Premier Taxis](#) Tel: (65) 6363 6888
- [SMRT](#) Tel: (65) 6555 8888
- [SMART](#) Tel: (65) 6485 7777
- [Transcab](#) Tel: (65) 6555 3333

For more information on getting to and from Changi Airport, please visit the following website:  
<http://www.changiairport.com/getting-around/to-and-from-the-airport>

### **Singapore Weather**

Singapore is known for its hot and humid weather. However, during the Monsoon Season (December – March), be prepared for rain on a daily basis. *We highly recommend that you bring along an umbrella with you wherever you go.* During this period, temperatures are likely to range from 24 to 30 deg Celsius.

### **Currency**

Singapore uses the Singapore Dollar (S\$). Money changing services can be easily found at the airport, or in hotels and shopping centres.

### **Electricity**

volts AC, 50 cycles per second. The power plugs used in Singapore are the versions.

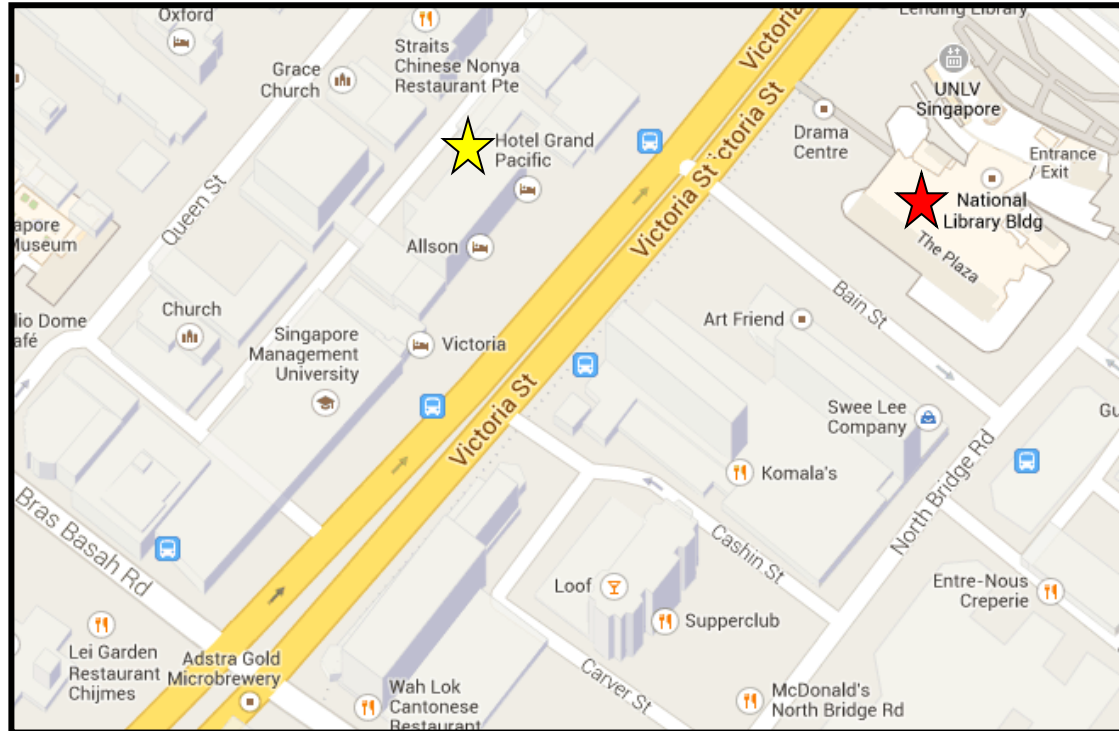


Singapore's voltage is 220-240 three-pin, square-shaped

### **Accommodation/Bus Pick-Up Location for School Visits on 27 January 2014**

Hotel Grand Pacific  
101 Victoria Street  
Singapore 188018  
Tel: +65 6336 0811

**ASEM ME Venue for 28 & 29 January 2014**  
National Library Building (Imagination Room at Level 5)  
100 Victoria Street  
Singapore 188064




**Contact Information of Officers from the Ministry of Education**

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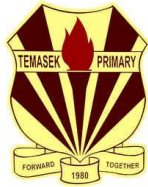


## IV. Visits to Education Institutions on 27 January 2014

Following the ASEM ME tradition, the Singapore Ministry of Education has organised the following site visits to experience how Innovative Competences can be developed in practice. We have selected three education institutions – a primary school, a secondary school and a polytechnic. The education institutions have a deep commitment to develop Innovative Competences in their students.

Education Institutions	Description
<p data-bbox="215 467 607 502"><b>Broadrick Secondary School</b></p>  <p data-bbox="215 746 701 954">Tel: 63445025 Fax: 64471427 Email: <a href="mailto:broadrick_ss@moe.edu.sg">broadrick_ss@moe.edu.sg</a> Website: <a href="http://www.broadricksec.moe.edu.sg/">http://www.broadricksec.moe.edu.sg/</a></p> <p data-bbox="215 991 701 1121">Pick-up from Hotel Grand Pacific: 8:30am Arrival: 9 am Departure: 11.15 am</p>	<p data-bbox="719 467 1512 675">In Broadrick Secondary School, every child is important. Each child is equipped with the necessary knowledge, skills and values so that they are prepared to thrive in the 21st century. The school offers programmes such as the Service Learning Programme, which seeks to impart values such as sincerity, integrity and compassion in Broadricians.</p> <p data-bbox="719 711 1512 882">In order to challenge the students to think out of the box and foster the spirit of enterprise and creativity in them, students are taught product innovation, marketing and commercial viability in the A<sup>2</sup>CE (To Aspire, Actualise, Contribute and Engage) Programme.</p> <p data-bbox="719 919 1512 1121">The school was awarded the Niche Status for Entrepreneurship and Innovation (Applied Learning) in 2013. To recognise the school's efforts in providing authentic learning experiences that will allow students to meaningfully apply what they have learnt, A<sup>2</sup>CE and Service Learning are the school's Distinctive Programmes.</p> <p data-bbox="719 1158 1512 1361">Students' awareness of social and global issues is also enhanced through the programme 'News in Class' which is a customised learning package with videos of local and foreign news and a weekly written reflection which encourages students to think and discuss issues in Singapore and around the world.</p>

## Temasek Primary School



Tel: 6443 8134

Fax: 6449 5871

Email: [temasek\\_ps@moe.edu.sg](mailto:temasek_ps@moe.edu.sg)

Website:

<http://www.temasekpri.moe.edu.sg/>

Arrival: 11.45 am

Departure: 2:30 pm

In Temasek Primary, every child has the opportunity to learn, lead, serve and grow as *Passionate Learners, Creative and Critical Thinkers, Effective Communicators* and *Servant Leaders*. The school is known for its high academic standards, challenging programmes and commendable achievements. In the last few years, the introduction of innovative initiatives such as Temasek Magicland, Colours of Life, The Learning Tapestry, STAGE IT and SPACE have made learning more meaningful and engaging for the pupils.

The Learning Tapestry is Temasek Primary's signature interdisciplinary project work incorporating the Problem Based Learning approach. The Learning Tapestry is aligned to the school's vision, where pupils learn, lead, serve and grow as learners. 21<sup>st</sup> century skills like creative and critical thinking, communication and collaboration are incorporated in the Learning Tapestry. Pupils are engaged in collaborative teams and take on the roles of young researchers in integrating knowledge from various subject disciplines as they embarked on real life problems assigned to them. The problem tasks assigned to the pupils range from health related and environment issues.

The school was awarded the Niche Status in the area of robotics. RoboALERT (Applicative Learning Experience through Robotics at Temasek) provides our pupils with the applicative experience that can further enhance pupils' self-directed learning, collaborative learning and higher order thinking skills. Through the integration of robotics in the subject disciplines, pupils' engagement in learning is enhanced and their understanding of concepts across various subjects is deepened. Pupils get to work in teams to carry out simple investigations, calculating, measuring and analyzing and in the end, recording and presenting their results. These experiences are not only hands-on but provide an authentic platform for more effective learning.

**Temasek Polytechnic**

Tel: 6788 2000

Fax: 6789 8220

Email: [corpcomm@tp.edu.sg](mailto:corpcomm@tp.edu.sg)

Website: [www.tp.edu.sg](http://www.tp.edu.sg)

Arrival: 3 pm

Departure: 5.30 pm

TP is a significant contributor to the field of para-professional education in Singapore. TP currently offers 51 full-time diploma courses in the areas of applied science, business, design, engineering, humanities & social sciences and informatics & IT. It also offers over 40 part-time courses, up to the advanced diploma level. TP students undergo a holistic learning system that combines hands-on experience, character education and relevant life skills, in an enriching learning environment. The polytechnic has also infused global realities into its programmes and developed a mindset on campus that embraces socio-cultural diversity. These approaches ensure that TP graduates are economy relevant, future relevant and life relevant. For more information, please visit [www.tp.edu.sg](http://www.tp.edu.sg).