



**Asia-Pacific  
Economic Cooperation**

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**2010/EC/WKSP/001**

## **Agenda**

Submitted by: Singapore



**Workshop on Reforming the Regulatory  
System for Construction Permits  
Singapore  
18-22 October 2010**

APEC Ease of Doing Business Workshop on  
**Reforming the Regulatory System  
for Construction Permits**

**SINGAPORE**  
18-22 Oct 2010

## Workshop Agenda



DAY

1

18 OCT  
MON

TIME	OUTLINE
8:30 – 9:00	<b>Registration</b>
9:00 – 10:15	<p><b>Opening Session</b></p> <ul style="list-style-type: none"> <li>Welcome Address by the Building &amp; Construction Authority <a href="#">Dr John Keung, Chief Executive Officer</a></li> <li>Address by the Ministry of Foreign Affairs, Singapore <a href="#">Mr Koh Tin Fook, Director, Technical Cooperation Directorate</a></li> <li>Address by the Ministry of Trade and Industry, Singapore <a href="#">Mr Tan Kok Kong, Senior Economist, Foreign Economic Policy Division</a></li> <li>Video Presentation of the Singapore Cooperation Programme</li> <li>Group Photo Taking</li> <li>Welcome Tea Reception</li> </ul>
10:15 – 10:45	<b>Introductions and Programme Overview</b>
10:45 – 11:45	<p><b>Session 1: Regulatory &amp; Structural Environment of Singapore</b></p> <p>1) SET UP OF THE SINGAPORE GOVERNMENT</p> <ul style="list-style-type: none"> <li>The structure and operating framework of the Singapore Government.</li> <li>An overview of the role of leadership, governance and the whole-of-government approach.</li> <li>Statutory Boards as autonomous government bodies established by a Special Act of Parliament to perform specific roles.</li> <li>The function and role of the Ministry of National Development in guiding landuse planning &amp; control of developments in Singapore.</li> </ul> <p><b>Resource Persons:</b></p> <p>Civil Service College (CSC) <a href="#">Iva Aminuddin, Snr Manager, ASEAN &amp; South Asia Desk, Civil Service College International</a></p> <p>Ministry of National Development (MND) <a href="#">Cheng Hsing Yao, Deputy Exec Director, Centre for Liveable Cities</a></p> <p><b>Forum:</b> Singapore Style Public Sector The uniqueness of the Singapore Civil Service, considered to be one of the most efficient and least corrupt in the world. A key aspect of this model is increased autonomy given to the ministries, departments and agencies, and along with that, greater discipline required of them in the management of their functions including the need to maintain sustained competitive advantages.</p>
11:45 – 12:30	<p><b>Session 2: Creating a Pro-Enterprise and Pro-Business Environment in Singapore</b></p> <p>1) THE PRO-ENTERPRISE PANEL (PEP)</p> <ul style="list-style-type: none"> <li>Public Service 21 movement to ensure that government rules and regulations remain relevant and are supportive of a pro-business environment.</li> <li>Singapore Public Service's commitment to anticipate, welcome and execute change.</li> <li>Facilitates the cutting of red-tape to reduce processes or regulations that may potentially impede business operations.</li> </ul> <p><b>Resource Person:</b></p> <p>Pro-Enterprise Panel (PEP) <a href="#">Tan Lui Hai, Deputy Director, Entrepreneurship, Research and Enterprise Division</a></p> <p><b>Forum:</b> Creating A Pro-Business Environment Facilitating a climate that is conducive for all businesses to thrive and fulfill their potential. This includes business transactions regulated under processes that do not fall neatly under any single government agency.</p>
12:30 – 13:30	<b>LUNCH</b>
13:30 – 17:00	<p><b>Session 3: Statutory Planning &amp; Development Control</b></p> <p>1) FRAMEWORK OF PLANNING &amp; DEVELOPMENT CONTROL IN SINGAPORE</p> <ul style="list-style-type: none"> <li>URA's role / mission and the Statutory Planning Framework</li> <li>The Concept Plan</li> <li>The Master Plan</li> </ul> <p>2) PLANNING APPROVAL FOR DEVELOPMENT PROJECTS</p> <ul style="list-style-type: none"> <li>Objectives of Development Control</li> <li>Framework for Development Control</li> <li>The process in obtaining planning approval</li> <li>Planning decisions and appeals</li> <li>Outcomes and performance</li> </ul> <p><b>Resource Person:</b></p> <p>Urban Redevelopment Authority (URA) <a href="#">Chin Koon Fun, Deputy Director (Enforcement &amp; IT Support), Development Control Group</a></p>
	<b>TEA BREAK</b>
	<p>3) LEARNING JOURNEY TO THE MARINA BAY CITY GALLERY</p> <p>The city gallery showcases the story of Singapore's urban transformation and the development of Marina Bay. The key highlight is an innovative city model offering a bird's eye view of key landmarks in Marina Bay.</p>

DAY

2

19 OCT  
TUE

TIME	OUTLINE
9:00 – 12:00	<p><b>Session 4: The Building Control System</b></p> <p>1) REGULATORY FRAMEWORK &amp; LICENSING SCHEMES</p> <ul style="list-style-type: none"> <li>• Legislative Instruments <ul style="list-style-type: none"> <li>- The enactment and development of the Building Control Act</li> <li>- Requirements under the Building Control Act &amp; Regulations</li> </ul> </li> <li>• An overview of the Registration &amp; Licensing Schemes, including the requirements for Qualified Professionals <ul style="list-style-type: none"> <li>- Requirements for stakeholders of the industry (Design professionals, Builders, supervision personnel and specialist areas)</li> <li>- Complemented by a peer review system (Accredited Checker)</li> </ul> </li> </ul> <p><b>TEA BREAK</b></p> <p>2) SUBMISSION OVERVIEW &amp; OPERATING ENVIRONMENT</p> <ul style="list-style-type: none"> <li>• Pre-Construction Stage <ul style="list-style-type: none"> <li>- Building Plan approval</li> <li>- Structural Plan approval</li> <li>- Joint meeting with Technical Departments &amp; professional bodies for unresolved issues</li> <li>- Application for waiver</li> </ul> </li> <li>• Construction Stage <ul style="list-style-type: none"> <li>- Permit to carry out works</li> <li>- Construction control measures</li> </ul> </li> <li>• Post-construction <ul style="list-style-type: none"> <li>- Occupation on completion – Temporary Occupation Permit &amp; Certificate of Statutory Completion</li> <li>- Usage &amp; maintenance</li> </ul> </li> </ul> <p><b>Briefing Officers:</b> Building &amp; Construction Authority (BCA)</p> <p>1) Choong Teck Min, Snr Exec Engineer, Building Plan &amp; Management Division 2) Tan Cheong Ee, Snr Exec Engineer, Building Plan &amp; Management Division 3) Lee Hing Cheng, Snr Exec Engineer, Building Engineer Division</p>
12:00 – 13:30	<b>WELCOME LUNCH</b>
13:30 – 17:00	<p><b>Session 5 : Building Control Processes</b></p> <p>1) PARALLEL AGENCIES IN BUILDING CONTROL</p> <ul style="list-style-type: none"> <li>• Regulatory measures in fire safety</li> <li>• Provision of basic amenities – drainage, sewerage &amp; solid waste disposal</li> <li>• Ingress, egress &amp; traffic impact studies</li> </ul> <p><b>Resource Persons:</b> Singapore Civil Defence Force (SCDF) Heng Chai Liang, Assistant Director, Fire Safety &amp; Shelter Department</p> <p>National Environment Agency (NEA) Lee Aik Beng, Snr Engineer, Central Building Plan Unit</p> <p>Land Transport Authority (LTA) Mohamed Saddiq Md Nor, Deputy Manager, Development &amp; Building Control</p> <p><b>TEA BREAK</b></p> <p>2) BREAKOUT DISCUSSION SESSION: <u>FRAMEWORK &amp; PROCEDURES FOR REGULATORY APPROVALS</u> Participants will be divided into groups, and would discuss the following themes. Each group is then allocated certain time to lead discussions under their respective topics:</p> <ul style="list-style-type: none"> <li>• Regulatory Instruments &amp; mandatory requirements for building control</li> <li>• Process Flow for Construction Permit approvals</li> </ul> <p>This would be followed by an overview discussion on the regulatory regime that governs the development, design, construction, operations and maintenance of building and infrastructure in Singapore. The various registration and licensing schemes put in place to regulate the various stakeholders will also be covered.</p> <p><b>Panelists:</b> Building &amp; Construction Authority (BCA) Chin Chi Leong Director, Building Plan &amp; Management [Panel Chair] Andris Leong, Deputy Director, Policy &amp; Regulations</p> <p>Fire Safety &amp; Department (FSSD) Heng Chai Liang, Assistant Director, Fire Safety &amp; Shelter Department</p> <p>National Environment Agency (NEA) Anselm Gonsalves, Chief Engineer, Environmental Protection Division</p> <p>Land Transport Authority (LTA) Quek Teck Beng, Deputy Director, Development &amp; Building Control</p>

## Regulatory Reform and the use of a Common Platform to Streamline Processes

**DAY**  
**3**

**20 OCT**  
**WED**

TIME	OUTLINE
9:00 – 12:30	<p><b>Session 6: Information Technology Enablers</b></p> <p>1) SINGAPORE E-GOVERNMENT JOURNEY</p> <ul style="list-style-type: none"> <li>• About Singapore &amp; IDA</li> <li>• Some significant projects</li> <li>• Singapore's e-Government Journey</li> <li>• Key Success Factors</li> </ul>
	<p><b>TEA BREAK</b></p> <p>2) E-GOVERNMENT INFRASTRUCTURE</p> <ul style="list-style-type: none"> <li>• Key Enablers</li> <li>- Infrastructure</li> <li>- Inforcomm Literacy</li> <li>- Capability Development</li> <li>- Stakeholder Conversion &amp; Adoption</li> <li>- Governance</li> </ul> <p><b>Forum:</b> IT as an enabler in an era of tech savvy populations The discussion will cover the core fundamentals of a successful e-Government framework; namely, sound policies, clear objectives and strategic planning with holistic implementation strategies.</p> <p><b>Resource Persons:</b> Singapore e-Government Leadership Centre (eGL), <a href="#">Joseph Teo, Centre Director</a></p> <p>Infocomm Development Authority (IDA) <a href="#">Ong Lih Ling, Director, GCIO Service Management and Capability Development</a></p>
12:30 – 13:30	<b>LUNCH</b>
13:30 – 17:00	<p><b>Session 7: Case Study 1: CORENET Development</b></p> <p>1) Construction Real Estate Network (CORENET)</p> <ul style="list-style-type: none"> <li>• The development of the Construction &amp; Real Estate Network [CORENET] to achieve quantum leap in turnaround time and productivity.</li> <li>• Challenges, considerations &amp; key decisions: <ul style="list-style-type: none"> <li>- Business process re-engineering for Agency's internal workflow alignment of process between Agency's</li> <li>- Linking the public &amp; private sector organizations through e-Submission</li> </ul> </li> </ul> <p><b>Resource Persons:</b> Building &amp; Construction Authority (BCA) <a href="#">Wong Wai Ching, Deputy Managing Director, BCA Academy</a></p> <p>Singapore e-Government Leadership Centre (eGL) <a href="#">Joseph Teo, Centre Director</a></p>
	<p><b>TEA BREAK</b></p> <p><b>BREAKOUT SESSION: CREATING A CO-ORDINATED APPROVAL SYSTEM</b></p> <p>Participants will be divided into groups, and would discuss the following questions. Each group is then allocated certain time to lead discussions under their respective topics:</p> <ul style="list-style-type: none"> <li>• Impediments /constraints to the creation of a co-ordinated approval system</li> <li>• Process re-engineering</li> </ul> <p>Participants to present their topics followed by an overview discussion the rationale behind the policies and approaches taken to implement CORENET within the public sector agencies. It would discuss the role of CORENET in achieving a quantum leap in productivity and efficiency by leveraging on a common and integrated platform.</p> <p><b>Panelists:</b> Building &amp; Construction Authority (BCA) <a href="#">Wong Wai Ching, Deputy Managing Director, BCA Academy [Panel Chair]</a> <a href="#">Cheng Tai Fatt, Director, Corporate Services</a> <a href="#">Dr Tan Kee Wee, Deputy Director, Information Technology</a></p> <p>Singapore e-Government Leadership Centre (eGL) <a href="#">Joseph Teo, Centre Director</a></p>

# Transforming the Building Industry

**DAY**  
**4**

**21 OCT**  
**THUR**

TIME	OUTLINE
9:00 – 12:30	<p><b>Session 8: Case Study 2 - Implementation of CORENET at Industry Level</b></p> <p>1) STAKEHOLDER ENGAGEMENT &amp; INDUSTRY READINESS</p> <ul style="list-style-type: none"> <li>Challenges, consideration &amp; programs to help the industry transition from manual submission to electronic submission                             <ul style="list-style-type: none"> <li>- Participation of the industry at the initiation of the Project Life Cycle</li> <li>- Standardisation of codes to facilitate exchange of information</li> <li>- Training programs to build up capability</li> <li>- Incentives and/or disincentives to encourage early adoption</li> </ul> </li> </ul> <p><b>Resource Person:</b> Building &amp; Construction Authority (BCA) Cheng Tai Fatt, Director, Corporate Services</p> <p><b>Case Discussion:</b> Creating a co-ordinated approval system</p>
	<p><b>TEA BREAK</b></p>
	<p><b>Panel Discussion:</b> Stakeholder participation in CORENET implementation Panellists will share their perspectives on the collaboration between the public sector agencies and industry partners in pushing for changes in the application and approval process. It will also touch on the effectiveness of the various initiatives and schemes that were put in place to transform the building industry.</p> <p><b>Panelists:</b> Building &amp; Construction Authority (BCA) Cheng Tai Fatt, Director, Corporate Services [Panel Chair] Dr Tan Kee Wee, Deputy Director, Information Technology</p> <p>Singapore Institute of Architects Rita Soh, (then CORENET Implementation Comm [CIC] member)</p> <p>CPG Consultants Pte Ltd Kok King Min (then CIC member)</p> <p><b>Resource Person:</b> Singapore e-Government Leadership Centre (eGL) Joseph Teo, Centre Director</p>
12:30 – 13:30	<p><b>LUNCH</b></p>
13:30 – 17:00	<p><b>Session 9: Transforming the Building Industry - Sharing by APEC Economies</b></p> <p>1) Presentation by New Zealand - Balancing Federal &amp; Provincial Needs Mr David Kelly, Deputy Chief Executive, Building Quality, Department of Building and Housing, New Zealand</p> <p>2) Open sharing by participants</p>
	<p><b>TEA BREAK</b></p>
	<p>3) Learning Journey to the BCA Gallery</p>

**DAY**  
**5**

**22 OCT**  
**FRI**

TIME	OUTLINE
9:00 – 12:30	<p><b>Session 10: Learning Journey 2 - novaCITYNETS Pte Ltd</b></p> <p>1) SIMULATION OF CORENET SUBMISSION PROCESS</p> <ul style="list-style-type: none"> <li>• novaCITYNETS is an e-Government solutions provider with an extensive portfolio of projects including e-Submission systems, e-PlanCheck systems, Property Valuation and Land Management for local and international Government agencies.</li> <li>• The Learning Journey would provide a demonstration of an e-Government collaborative framework, a web-based application that improves G2G and G2B communications. The framework covers the application processes, submissions through the internet, evaluation through automated work processes and decision making through decision support systems.</li> </ul> <p><b>Resource Persons :</b> novaCITYNETS Pte Ltd Steven Chan, Group Chief Exec Officer Raymond Tan, Chief Exec Officer</p> <p>Singapore e-Government Leadership Centre (eGL) Joseph Teo, Centre Director</p>
12:30 – 13:30	<b>LUNCH</b>
13:30 – 15:00	<p><b>Session 11 : World Bank's Perspective on Statutory Reform</b></p> <p>Presentation by World Bank Mr Alejandro Espinosa Team Lead for 'Dealing with Construction Permits'</p> <p>1) STATUTORY REFORM: <u>SUCCESS &amp; IMPEDING FACTORS</u></p> <ul style="list-style-type: none"> <li>• Explanation of the 'Dealing with Constructions Permits' indicator/sub-indicators, and why these indicators were chosen.</li> <li>• Sharing on reforms that have been implemented in various economies (including references to economies in different developmental stages, as well as raise examples of both wide-ranging long-term reforms, and more focused shorter-term efforts that economies can take as a first step to improving their performance).</li> <li>• World Bank's observations on which reforms have appeared to be more successful, and what factors contributed to this success.</li> <li>• Discussion on reforms that might have been less successful, and why this was so (appreciate if you could avoid referring to specific APEC member economies here).</li> <li>• Economic benefits that have been enjoyed by economies that have engaged in 'Dealing with Construction Permits' reforms.</li> </ul> <p>2) LEARNING CONSOLIDATION &amp; PREPARATION FOR SESSION 12</p>
15:00 – 16:00	<p><b>Session 12 : Closing Dialogue</b></p> <p>1) NEEDS &amp; TRANSFORMERS – DEVELOPMENT OF COMPETITIVE ADVANTAGES</p> <ul style="list-style-type: none"> <li>• To round up the programme, participants will engage in a dialogue session with senior Government leader/s to discuss about the approach for strategic initiatives at the higher level. The session is intended to provide insights of the decision-making and policy formulation processes leading to new heights in public service.</li> </ul> <p>To initiate discussions, participants will be divided into groups, and would present and share key learning points through the following themes:</p> <ul style="list-style-type: none"> <li>• Governance &amp; System Integrity</li> <li>• Industry Participation</li> <li>• Technology</li> </ul>
16:00 – 17:00	<b>CERTIFICATE PRESENTATION AND TEA RECEPTION</b>