

PROGRAM BOOK



Effective Innovation Management for Progress & Sustainability



PREFACE

Borneo Innovation Management Convention (BIMC) is the first convention to be organised in Borneo that will bring together various participants from different business sectors, groups and management levels to share knowledge and experience about best practices and approaches in managing innovation effectively. This is also the first attempt of the UNIMAS team, leading by the Strategic Planning and Quality Management Centre or SQC, to collaborate with the team from the Service Modernization & Quality Unit, Chief Minister's Department Sarawak to organize this convention.

This year, the theme for the BIIMC 2015 is “*Effective Innovation Management for Progress & Sustainability*”. The theme was chosen as it reflects the economic reality and challenges to develop effective innovation management practices or programmes that can be sustained in the long run. In today’s organisations that operate and function in a volatile and uncertain business environment, implementing effective innovation management is vital. Innovation activities enable organisations to survive and progress. Effective innovation management further permits sustainability of innovation efforts and processes to be strongly instilled within the organisational culture and practices. Practicing effective innovation management ensures systematic approaches in expanding creative and innovative talent pool, as well as, attains resource efficiency with regard to utilising allocated resources and support systems for innovation. Undoubtedly, practicing effective innovation management is vital for progress and sustainability.

BIIMC 2015 received about more than 50 participations that include not just professionals and administrators from various public agencies, but also entrepreneurs, NGOs, researchers, students as well as industry players. In addition to keynote speeches and innovation forum, the convention offers three tracks for interested participants to share their “stories”, knowledge, experience or views related to innovation management.

The suggested tracks are: *Innovation at Workplace, Product Innovation and Value Creation, and Social Innovation*. This year, BIIMC 2015 also organized Infographic Poster Competition with the theme “Innovation at Workplace”, and this competition was opened to public.

On behalf of UNIMAS Team, we would like to extend our sincere appreciation and gratitude to YBhg Prof Dato’ Mohamad Kadim Suaidi, Vice Chancellor of UNIMAS and Tan Sri Datuk Amar Haji Mohamad Morshidi bin Abdul Ghani, Sarawak State Secretary for their strong support for BIIMC 2015.





Our heartfelt appreciation also goes to our partner, the team from Sarawak Chief Minister's Department for their willingness and strong teamwork to jointly organize this event with UNIMAS team. We also would like to express our gratitude to our sponsors for their contributions to support the event.

To all participants, thank you so much for your participation and contribution. It is our sincere hope that the networking that we establish through this event will not end here, and we are able to create meaningful relationships afterwards under the Borneo network. We can leverage this network as means for engaging in lifelong learning in the area of innovation.

Finally, we wish everyone a productive and enjoyable learning experience, in sharing and listening to “stories” about innovation and effective innovation management!

UNIMAS Editorial Team
BIIMC 2015





M ESSAGE FROM

**Vice Chancellor
Universiti Malaysia Sarawak**



Assalamualaikum wbt, salam sejahtera, salam 1Malaysia dan salam UNIMASku sayang.

A very warm welcome to all distinguished participants and delegates of the First Borneo International Innovation Management Convention 2015 or BIIMC 2015, co-organized by the UNIMAS team initiated by the Strategic Planning and Quality Management Centre, and the Service Modernization & Quality Unit, Chief Minister's Department Sarawak.

I am very pleased to see this convention is materialized this year and attained its goals to gather various groups of innovation players - innovators, researchers, academia, policy makers, industry players, entrepreneurs, community leaders, non-government organisations and professionals from public sector agencies - who share similar interest and views about the importance of doing systematic and effective innovation management, as a viable and sustainable approach in cultivating innovation culture and build a successful and self-sustaining innovation ecosystem.

I applaud the organizer in choosing the theme “*Effective Innovation Management for Progress & Sustainability*”. Reflecting on today’s market trends and business environment, undertaking effective innovation management is becoming crucial than ever due to limited and competitive resources that are needed to promote and enable innovation activities, and create an innovation ecosystem. Creating a successful and self-sustaining innovation ecosystem is the ultimate desire of any organisation as this can generate substantial impact and benefits to the organisation, and ensure its survivability.

In this context, the viable and sustainable way to ensure such innovation ecosystem can exist and function effectively, inarguably, is through activities related to managing innovation systematically and effectively. With the on-going global economic turmoil and the recurrent natural disasters, the activities related to managing innovation are vital to ensure limited and competitive resources can be effectively utilized, optimized and are outcome-oriented, i.e., driving and producing innovations, to benefit the targeted and relevant users, customers or stakeholders of these innovations.





I hope this convention will serve as an effective platform where the participants can critically discuss and share views regarding strategic challenges and various dynamics that can play roles to hinder or to serve as catalysts in encouraging and practicing effective innovation management for progress and sustainability. I am also pleased to know that BIIMC 2015 also has made an attempt to showcase innovation and creative products to further stimulate and attract interest about the importance of instilling innovation culture and undertaking effective innovation management towards improving organisational resource efficiency.

Lastly, I would like to wish all the participants a fruitful and productive session in doing networking and sharing knowledge. To the participants coming from outside Sarawak, I hope you can take advantage to experience and appreciate the beauty of our Kuching city and our beautiful state, Sarawak. To the organizers, congratulation on a well-organized and successful collaborative efforts in organizing this convention for the first time!

Thank you.

Wassalam

Prof Dato Dr Kadim Suaidi

Vice Chancellor
Universiti Malaysia Sarawak





M ESSAGE FROM

**Director
Strategic Planning and Quality
Management Centre (SQC)
Universiti Malaysia Sarawak**



Assalamualaikum wbt, salam sejahtera and salam UNIMASku sayang!

On behalf of UNIMAS team, leading by the Strategic Planning and Quality Management Centre or SQC, I would like to welcome all the respected delegates to this event. It gives us great satisfaction to be able to gather everyone, who share interest and passion in the area of innovation, to be here today in Kuching, Sarawak for this convention.

William Pollard said: *“Learning and innovation go hand in hand. The arrogance of success is to think that what you did yesterday will be sufficient for tomorrow”*. When we first mooted the idea about organizing this event, our priority and focus is cultivating an innovation culture at UNIMAS that can strategically contribute to accelerate the development of our innovation ecosystem that we aspire to have in year 2020. In UNIMAS Strategic Plan 2016-2020, Our Commitment to Excellence, we envision our innovation ecosystem that is impactful and outcome oriented, flexible and supportive, as well as dynamic and responsive. The First Borneo International Innovation Management Convention 2015 or BIIMC 2015 hence, is our platform for undertaking learning in the aspect of managing innovation and instilling innovation culture among professionals, administrators, support staff and students of UNIMAS. Through BIIMC 2015, UNIMAS aims to strengthen and leverage the Borneo network to gain benefits through networking activities in the area of innovation and innovation management.

On behalf of UNIMAS, I would like to express our gratitude and appreciation to the team from the Service Modernization & Quality Unit, Chief Minister's Department Sarawak, leading by Mr Wiliam and Mr Dolhadi for the great collaboration and support. The success of realizing BIIMC 2015 is because UNIMAS and the Chief Minister's Department Sarawak have successfully forged a great relationship. It is within our hope that the relationship between SQC UNIMAS and the Service Modernization & Quality Unit, Chief Minister's Department Sarawak will continue to be strengthened so that both institutions can continue to gain direct benefits, learning from each other.





To all our invited guest speakers, thank you so much for responding to our invitation. Your contributions through sharing of knowledge, experience and views with the delegates are really valuable to enhance understanding about how being innovative can bring substantial impact and benefits in various areas, not just at workplace and organization, but also contributing directly or indirectly to create positive impact to community and country.

Finally, to all the delegates, I hope BIIMC 2015 is meeting your expectation. I hope you will take advantage in the networking activities, and do inform us if your institution is interested to become partners under BIIMC network. I wish all of you, a very fruitful and productive sessions, learning and sharing knowledge and experience about innovation and innovation management. For delegates outside Kuching, Sarawak, I hope you will have an enjoyable stay at this beautiful city!

Thank you.

Wassalam

Dr Rohaya Mohd Nor

Director
Strategic Planning and Quality Management Centre
Universiti Malaysia Sarawak





MESSAGE FROM

**Director
State Service Modernisation Unit
Sarawak Chief Minister's Department**



Salam sejahtera dan salam 1Malaysia.

Penganjuran Konvensyen ini merupakan usaha berterusan kerajaan untuk menyemarakkan komitmen warga perkhidmatan awam dalam menambahbaik sistem penyampaian perkhidmatan di jabatan masing-masing sejajar dengan tema *Effective Innovation Management for Progress and Sustainability*. Inovasi dan kreativiti telah menjadi agenda penting bagi Perkhidmatan Awam Negeri Sarawak (PANS) dalam arus transformasi perkhidmatan yang kini berorientasikan rakyat. Pelbagai penambahbaikan dan perekaayaan terhadap sistem penyampaian perkhidmatan perkhidmatan perlu dilakukan demi menepati ekspektasi pelanggan yang dinamik.

Meluncur di tengah-tengah lautan kecanggihan digital, cabaran baharu Perkhidmatan Awam tidak lagi terletak pada persoalan konvensional yang menekankan kepada isu-isu birokratik, tetapi lebih berkisarkan kepada persoalan sejauh mana relevannya sesebuah perkhidmatan kepada rakyat. Adalah penting hasil inovasi berkenaan perlulah praktikal supaya ia mudah dilaksanakan.

Program Borneo International Innovation Management Convention kolaboratif di antara UNIMAS dan Jabatan Ketua Menteri Sarawak bertujuan meningkatkan kesedaran penjawat awam mengenai kepentingan kreativiti dan inovasi dalam perkhidmatan awam serta memberi pengiktirafan inovasi terutamanya Jabatan/Agensi di Sarawak. Perkhidmatan awam yang mengamalkan proses, pendekatan dan budaya kerja berteraskan inovasi dan kreativiti mampu meningkatkan produktiviti sector awam secara berganda (quantum leap).

Platform ini memberi peluang para peserta berkongsi pengalaman dan idea dalam penghasilan inovasi baru serta memantapkan daya pemikiran peserta secara kreatif dalam menyelesaikan masalah seterusnya membentuk budaya Pasukan Berprestasi Tinggi. Budaya yang diterapkan adalah budaya kerja yang menekankan aspek pengkongsian idea, pandangan, kreativiti dan inovasi dalam menghasilkan projek atau inovasi yang bermutu untuk diaplikasikan.

Akhir kata, saya mengucapkan syabas dan tahniah kepada semua yang terlibat dalam menjayakan Borneo International Innovation Management

Mr William Patrick Nyigon

Pengarah
Unit Pemodenan Perkhidmatan Negeri
Jabatan Ketua Menteri Sarawak





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Organizing Committee

UNIVERSITI MALAYSIA SARAWAK

Patron	Professor Prof Dato Dr Kadim Suaidi <i>Vice Chancellor</i>
Chairman	Dr Rohaya Mohd Nor <i>Director, Strategic Planning and Quality Management Centre</i>
Treasurer	Mr Redzuan Bin Sarkawi <i>Bursary Office</i>
Secretariat	Ms Siti Lydiawati Bt Sahmat <i>Strategic Planning & Quality Management Centre</i>
Web & Technical	Mr Adam ak Francis Miss Ling Sze Ting <i>Centre for Information and Communications Division</i>
Design & Publication	Mr Mohamad Nazri Bin Mario <i>Publication Division</i>
ICT & Multimedia	Dr. Noor Alamshah Bin Hj Bolhassan <i>Strategic Planning & Quality Management Centre</i>
Key Note Speaker	Ms Emelia Binti Tambi <i>Human Capital Development Division</i>
Protocol	Mr Bong Azmir Bin Bong Hata <i>Chancellery Services Management Division</i>
Publicity	Ms Dayang Nor Hajjah Bt Awang Daud <i>Corporate Planning and Communication Division</i>
Food & Beverages	Ms Etah bt Maharup <i>Strategic Planning & Quality Management Centre</i>
Logistic	Mr Gasan ak Chula Mr Erwandi Bujang Bin Sanawi <i>Strategic Planning & Quality Management Centre</i>
Poster Infographic Competition	Miss Diana Tracy ak Delim Ms Rosmie Binti Tapa <i>Strategic Planning & Quality Management Centre</i>
Photography / Graphic	Ms Norafini Binti Sahat Mr Zainalabideen Bin Nawi <i>Strategic Planning & Quality Management Centre</i>





Organizing Committee

SARAWAK CHIEF MINISTER'S DEPARTMENT

Chairman	Mr Wiliam Patrick Nyigor <i>Director of State Service Modernisation Unit</i>
Secretary	Mr Dolhadi Bin Hj Mazuki <i>Principal Assistant Director State Service Modernisation Unit</i>
Secretariat	Mr Zulkarnain Bin Ismail <i>Service Modernisation and Quality Unit</i>
Conference Programme Coordinator	Mr Mohammad Ekmal Bin Osman <i>Service Modernisation and Quality Unit</i>
Logistic	Mr Kendran Ak George Mr Mohammad Yusof bin Bujang <i>Service Modernisation and Quality Unit</i>





Program Schedule

2 December 2015 (Wednesday)

8:15 am	Participant Registration
8:45 am	Arrival of Invited Guests
9:00 am	Welcoming Speech from Dr Rohaya Mohd Nor, Director of Strategic Planning and Quality Management Centre (SQC), UNIMAS
9:30 am	Invited Speaker 1 – “State Transformation through Innovation” by Mr Dolhadi Haji Mazuki
10:45 am	Morning Break
11:00 am	Photo Session
11:15 am	Invited Speaker 2 – “SWEPA Barefoot Solar Project” by Datin Albina Ogor Abdullah & Ms Maria Joy Rowan
1:00 pm	Lunch Break
2:15 pm	Parallel Session 1 (A) – Innovation at Workplace Parallel Session 1 (B) – Product Innovation and Value Creation Innovation
3:30 pm	Tea Break
3:45 pm	Parallel Session 2(A) – Innovation at Workplace Parallel Session 2(B) – Social Innovation
5:00 pm	Session End





Program Schedule

3 December 2015 (Thursday)

8:30 am	Arrival of Participants and Invited Guests
9:00 am	Innovation Forum 1 – Social Innovation Innovation Forum 2 – Innovation at Workplace
10:30 am	Morning Break
11:00 am	Invited Speaker 3 – “PAWADA: Beyond 20 Years of Business” by Ms Azaliza Safarida Wasli
12:30 pm	Lunch Break
2:00 pm	Arrival of Participants and Invited Guests
2:30 pm	Prize Giving & Closing Ceremony
3:45 pm	High-Tea & Networking Session
5:00 pm	Session End





List of Tracks and Chairpersons

Parallel Session 1(A) Innovation at Workplace	Parallel Session 1(B) Product Innovation and Value Creation Innovation
Wed, 2 Dec 2015, 14:15 – 15:30pm Venue: Danum 4	Wed, 2 Dec 2015, 14:15 – 15:30pm Venue: Danum 5
<p style="text-align: center;">CHAIRPERSON Siti Lydiawati Sahmat</p> <p style="text-align: center;">SPEAKERS</p> <ol style="list-style-type: none"> 1. Menangani Masalah Pencahayaannya Di Lokasi Sekatan Jalan Raya Pada Waktu Malam <i>Sabariah Sulaiman, Lucy Neilson Uli & Rosdi Hj Nawir</i> Jabatan Pengangkutan Jalan Negeri Sabah (Kumpulan AQUA) 2. Kemudahan Tuntutan Perjalanan melalui Perkhidmatan atas Talian e-Claim <i>Zubaidah Abdul Ghani</i> Bursary Office, Universiti Malaysia Sarawak 3. Delay in Sending Payment Information to the Responsibility Centre <i>Sabariah Christopher Danan Binjie, Judas Ligon, John Nuga & Jos Jawa</i> Perbendaharaan Negeri Sarawak (Kumpulan LISTING) 4. ePangkat Akademik UNIMAS: Pengautomasian Taksiran Berasaskan Kriteria <i>Mahani Bt Huja Husin</i> CICTS, Universiti Malaysia Sarawak 5. UNIMAS Now : Penghantaran notifikasi menerusi aplikasi mobil <i>Khairilzamrie bin Rosle</i> CICTS, Universiti Malaysia Sarawak 	<p style="text-align: center;">CHAIRPERSON Mahani BMA Shakur</p> <p style="text-align: center;">SPEAKERS</p> <ol style="list-style-type: none"> 1. Innovation in China: High-Tech Industry <i>Cao Yin</i> Postgraduate Student Universiti Malaysia Sarawak 2. The Growing Mobile Phone Innovation - OPPO <i>Tan Lit Wei</i> OPPO Kuching, Sarawak 3. BEHAVE Scale for Youth Excellence <i>Grace Ern Hui Voon¹, Boo Ho Voon², Ai Kiat Teo³ & Joyce Eern Cze Voon¹</i> ¹SMK Green Road, Kuching ²UiTM Sarawak, Kota Samarahan ³SMK DPHAG, Kuching 4. Autobox: Innovating Car Workshop <i>Mohd Yasin Mohd Amin, Syed Muhammad Hamdi Syed Ahmad & Nor Zuraya Fauzi</i> Undergraduate Students Universiti Malaysia Sarawak 5. LARA Innovation for Utility Field-Workers <i>Stratos Stylianidis¹ & Rohaya Mohd-Nor²</i> GeoImaging Ltd (GEO), Cyprus Universiti Malaysia Sarawak





Parallel Session 2(A) Social Innovation	Parallel Session 2(B) Innovation at Workplace / Social Innovation
Wed, 2 Dec 2015, 15:45 – 17:00pm Venue: Danum 4	Wed, 2 Dec 2015, 15:45 – 17:00pm Venue: Danum 5
CHAIRPERSON Rohaya Mohd Nor	CHAIRPERSON Zulkarnain Ismail
SPEAKERS 1. Innovating Shea Butter Supply Chain for Rural Women's Development in Nigeria <i>Sidikat Shitu</i> Doctoral Candidate Universiti Malaysia Sarawak 2. Pemuliharaan Belangkas Untuk Memastikan Kelestarian Habitat Belangkas Dan Pengukuhan Ekonomi Nelayan <i>Mahani BMA Shakur</i> Universiti Malaysia Sarawak 3. Reviving and Innovating Myanmar Tourism Industry <i>Daw Tin Hia</i> Universiti Malaysia Sarawak 4. Innovation and Sustainability Hurdles in Pharmaceutical Industry of Pakistan <i>Muhamad Wasim Jan Khan</i> Doctoral Candidate, Universiti Malaysia Sarawak 5. Green Building for Climate Resilience Business <i>Mehedi Islam</i> Doctoral Candidate Universiti Malaysia Sarawak 6. Social Entrepreneurship and Innovation for College Students <i>Nelson Lim & Jia Qi Lee</i> Undergraduate Student, Universiti Malaysia Sarawak	SPEAKERS 1. Pelaksanaan Aplikasi eClips atau Electronic Clinic Panel for Staff di UNIMAS <i>Tn Haji Abu Bakar</i> Pendaftar Universiti Malaysia Sarawak 2. Ekonomi Komuniti Tanah Tinggi Yang Berasaskan Sumber Hutan Garam Bukit Yang Kurang Konsisten <i>Abdul Gani Mohamad, Wilhelmina Cluny, Siti Rohaiya Bt Kipli, Christina ak Peter Pateh Ubang & Sharmila ak Dennis</i> Jabatan Tanah & Survey 3. Frequent Water Interruption in Rural Area <i>Anwarul Adzizi Adeni, Mohamad Rahmat Jamali, Nur Azman Wan Seh & Kharmiza Azhani Morshidi</i> Jabatan Kerja Raya Bahagian Bintulu 4. Aplikasi eMesyuarat <i>Nasriman Abd Rahman</i> Universiti Malaysia Sarawak 5. Konsep Pelaksanaan eMPK <i>Siti Lydiawati Sahmat, Noor Alamshah Bolhassan and Rohaya Mohd Nor</i> Universiti Malaysia Sarawak 6. Samarahan Community Rehabilitation Centre: Mushroom Farmhouse <i>Nabihah Mohd Zin, Nur Hassanah Mohd Hassan & Yaza Azzahara Ulyana</i> ENACTUS, Universiti Malaysia Sarawak





Infographic Poster Competition (Top 3 Finalist for Each Category)

Category: Technical		
Group	Participants	Organisation
DIMENSI	Hairullizam bin Azemi Pariam Osman	<i>Fakulti Seni Gunaan dan Kreatif, UNIMAS</i>
ZOMAK	Ng Poh Pheng Norhadzline binti Harun Liwan ak Lasem Azhar b Abd Aziz Romina Grey Melvin	<i>Fakulti Perubatan dan Sains Kesihatan, UNIMAS</i>
FoCuSIT	Wan Hosen bin Wan Shekh Zulhilmi bin Roslan Mohd. Aif bin Ibrahim Razeki bin Jelihi Mahadir bin Sidi	<i>Fakulti Perubatan dan Sains Kesihatan, UNIMAS</i>

Category: Management		
Group	Participants	Organisation
NOVATEUR II	Irwandy bin Zeman Mohd Nizam bin Abd Latif Suhanisa bt Hamzah Lam Vui Hua Marzuki bin Barahim	<i>Pusat Khidmat Tekonologi Maklumat dan Komunikasi</i>
PEARL	Rosmie bt Tapa Etah bt Maharup Norafini bt Sahat Erwandi bin Bujang Senawi	<i>Strategic Planning and Quality Management Centre</i>
HRMD	Saptuyah Haji Mahmud Samon Marsidi Syahizan@Syahrizan Abg Monir Mohd Ridzal Md Amen	<i>Bahagian Pengurusan Sumber Manusia</i>





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Asma Cake House, Kota Samarahan

Mira Cake House, Kota Samarahan

M.S Food Sdn Bhd, Kota Samarahan

Klinik Mesra, Kota Samarahan

Klinik Morni, Kota Samarahan

Klinik Faisal, Kota Samarahan





Program Book

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Ms Rosmie Tapa
Ms Norafini Sahat
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