

## UMCares COMMUNITY ENGAGEMENT FUNDING 2016

### APPLICATION FORM

<b>A</b>	<b>Title of project:</b>						
	Community Empowerment for #MsiaEndsDengue: Fighting Dengue through Sustainable Environment						
<b>B</b>	<b>Details of project leader</b>						
	Name of project leader		Dr Nurshuhada Zainon				
	Email address		zshuhada@um.edu.my				
	Phone number		(office) 03-79672461 (mobile) 012-2890644				
	Fax number		03-79675713				
	Position		Senior Lecturer				
	Permanent staff		Contract staff		<input checked="" type="checkbox"/> Contract end date:		
	Identity card or passport number		830724085648				
	Academy / Faculty / Centre		Built Environment				
	Department / Section / Unit		Quantity Surveying				
	Address		Department of Quantity Surveying, Faculty of Built Environment, University of Malaya, 50603 Kuala Lumpur.				
<b>C</b>	<b>Details of project partners, co-researchers or assistants (add lines if necessary)</b>						
	Name	Identity card or passport number	Academy/ Faculty/ Unit	Highest Academic Qualification	Phone number & email address	Signature	
	Dr Faizul Azli Mohd Rahim	740707-08-6025	Department of Quantity Surveying, Faculty of Built Environment	PhD	03-7967-7673 azli@um.edu.my		
	Dr Azlan Helmy Abd Samat	830228-08-5489	Islamic Medical Association of Malaysia (IMAM)	Master	012-4820067 Azlanhelmy2@gmail.com		
<b>D</b>	<b>Past community engagement projects completed by the Project Leader or Project Partners</b>						

over the past 3 years (add lines if necessary)					
	Title of Project & Name of Project Leader/ Partner involved	Type of funding	Community partner	Duration of project	Output & Impact of work on community partner
1	<b>#MsiaEndsDengue</b> Project (Phase 1)  Project leader: Dr. Nurshuhada Zainon	UM Cares and funds by the community partners	Project partners: <ul style="list-style-type: none"> <li>▪ IMAM</li> <li>▪ iM4U</li> <li>▪ MIMPA</li> <li>▪ IKRAM</li> </ul>	6 months	<ul style="list-style-type: none"> <li>▪ We received full participation from targeted children from Tadika PPR Kerinchi Blok C and Tadika UM.</li> <li>▪ Parents indirectly involved through their children's experience.</li> <li>▪ We received almost 1000 children participants from our Teddy Bear Hospital programme, and parents were indirectly learn about health and dengue prevention through fun way learning.</li> <li>▪ We received Islamic Medical Association of Malaysia (IMAM)'s full support and contribution in terms of manpower, and they will continue this effort in other events, and other cities, perhaps other regions.</li> </ul>
	<b>#MsiaEndsDengue</b> Project (Phase 1)  Project leader: Dr. Nurshuhada Zainon	UM Cares and funds by the community partners	Project partners: <ul style="list-style-type: none"> <li>▪ IMAM</li> <li>▪ iM4U</li> <li>▪ MIMPA</li> <li>▪ IKRAM</li> </ul> Which include: Kementerian Kesihatan Malaysia and Joint-Management Body of 3 residences: <ul style="list-style-type: none"> <li>▪ Tiara Faber Condomonium</li> <li>▪ PPR Pantai Ria</li> <li>▪ Blok 2A/2B, Taman Pantai Dalam</li> </ul>	3 months	<ul style="list-style-type: none"> <li>▪ Launched Dengue 1 Stop Center (D1SC) at the Flat Taman Pantai Dalam, one of the hotspots in the area, officiated by Deputy Director General of Health, Malaysia.</li> <li>▪ Conducted free inspection (in a collaboration with Kementerian Kesihatan Malaysia)</li> <li>▪ Distributed free mosquito repellent (funded by UMCares) to every household, flyers and provided one-to-one facilitation on Dengue prevention.</li> <li>▪ Conducted building condition assesment, and delivered the report to the Ministry of Health and the respected residences, as a recommendation for</li> </ul>

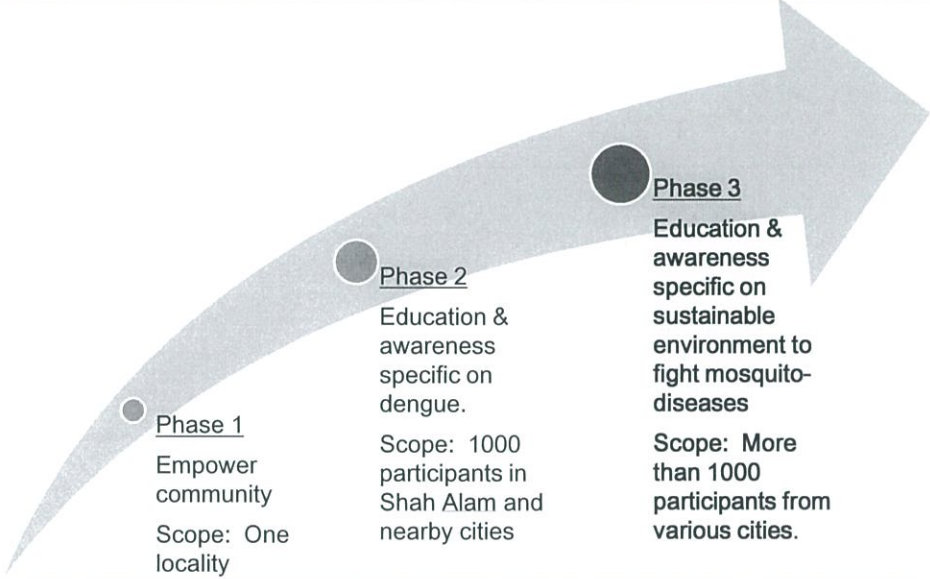
					<p>what they can do to prevent dengue and Aedes breeding areas.</p> <ul style="list-style-type: none"> <li>Conducted dengue awareness survey among them, and we managed to receive 80% respondents from the total number of residents.</li> </ul>
2	<p>Project House Relief: A Pilot Project</p> <p>Project leader: Dr. Nurshuhada Zainon &amp; Dr. Faizul Azli Mohd Rahim</p> <p>Project partners:</p> <ul style="list-style-type: none"> <li>IMAM Relief Team (iMARET)</li> <li>Epics Home</li> <li>Seksan Design</li> <li>Freemarket</li> <li>Biji-biji team</li> <li>Handy job video</li> </ul>	IMAM Relief Team (iMARET)	Jawatankuasa Kemajuan dan Keselamatan Kg.Stong, Dabong, Kelantan.	2 months	Building a permanent house for the affected population caused by the recent East-Coast flood; building hopes of the families.
3	<p>Youth Outreach Community Service Programme: Take Chances, Make Changes.</p> <p>Project leader: Dr. Faizul Azli Mohd Rahim &amp; Dr. Nurshuhada Zainon</p> <p>Project partners:</p> <ul style="list-style-type: none"> <li>IMAM</li> <li>MERCY Malaysia</li> <li>Majlis Perbandaran Langkawi</li> <li>Perbadanan Pengurusan Sisa Pepejal dan Pembersihan Awam Langkawi</li> </ul>	Few external sponsors hips and internal fund.	Jawatankuasa Kemajuan dan Keselamatan of 3 villages under Mukim Ayer Hangat.	3 days and 2 nights	<ul style="list-style-type: none"> <li>Free medical check-up</li> <li>Free medical awareness talk</li> <li>Free consultation, health advice, and counselling.</li> <li>Beaches cleaning</li> <li>Anak Angkat</li> <li>Free meals for the community in a casual dining setting</li> <li>Food donation (rice, sugar, flour, cooking oil)</li> <li>Free personal hygiene needs</li> <li>Donation for Tabung MERCY Malaysia</li> <li>Data collection for academic research</li> </ul>

**E** Project focal area (select as many as are relevant)



Categories		(/)
Health		√
Technology and ICT		
Development of Enviroment		√
Maintaining the heritage and culture of the country		
Entrepreneurship		
Sports & Recreation		
Social Welfare		
Education		√
Risk management and disaster relief		
Special Project		
Special Projects UCTC - RTC		
School		

F	Community information
	<p>Background information on the community partner or target group that your project intends to work with (maximum 300 words)</p> <p>Mosquitoes have killed hundreds of thousands people a year by transmitting dengue fever and other devastating disease and they have been called the deadliest animal in the world. While we are struggling in fighting dengue fever in over 100 countries, the battle has abruptly become more pressing by what the World Health Organization (WHO) has called the “explosive” spread of the mosquito-borne Zika virus through Brazil, other parts of Latin America, and most recently a case was found in Indonesia. In a recent estimate, WHO indicates 390 million dengue infections per year worldwide (WHO, 2016), and Zika virus has caused 4,000 babies born with microcephaly (Schumaker, 2016). Dengue has alerted ‘red flag’ in Malaysia since the Ministry of Health (MOH) reported a rising of 338% in a year of dengue cases in this country for 2014 (Bernama, 2014), and the number of cases is gradually increasing without any sign of slowing down (iDengi, 2016). Particularly for Malaysia, the mean cost of dengue was US\$133 million per annum, resulted to a substantial loss of tourism revenue of US\$65 million (Lim et.al, 2010). These facts prove that dengue is a continuing global threat, and no more time we could wait to mitigate this disease.</p> <p>For few other reasons, the emergence of dengue is hugely contributed by Aedes-friendly building settings (Ministry of Health, Malaysia, 2014; Jawatankuasa Peringkat Kebangsaan mengenai Denggi, 2014). Looking at this emerging and worrying issue, UM Built Environment Faculty (UMBuilt) has taken initiatives to fight Aedes through holistic ‘weapons’ which is through integration of technical sector and health aspect in promoting prevention and wellness in our daily routine. Not just that, by fighting Aedes, we are also fighting against mosquito-borne diseases such as malaria, filariasis, cinkungunya, yellow fever, encephalitis, and most recently, the Zika fever.</p> <p>The recent project was a Teddy Bear Hospital program. It is targeting early learners in preventing dengue diseases and most importantly inculcating good health culture and practices among our young ones. It is our hope that the younger generation will become the change agent to empower themselves, their peers, siblings, parents and family to practice good health behavior. Our last event received more than 1,000 participations from children ranging 3 to 12 years old. This approach has its value added; while we educate the children, their parents learn, too, through their experience, see and touch our physical models. Most importantly, it was free! We believe education should be free to everyone, at every level.</p>

	 <div style="position: absolute; top: 260px; left: 265px;"> <b>Phase 1</b>  Empower community  Scope: One locality </div> <div style="position: absolute; top: 195px; left: 405px;"> <b>Phase 2</b>  Education &amp; awareness specific on dengue.  Scope: 1000 participants in Shah Alam and nearby cities </div> <div style="position: absolute; top: 155px; left: 575px;"> <b>Phase 3</b>  Education &amp; awareness specific on sustainable environment to fight mosquito-diseases  Scope: More than 1000 participants from various cities. </div>
	<p><b>What is the issue, problem or gap that you intend to address? (maximum 150 words)</b></p> <p>Wellness is more than being free from illness; it is a dynamic process of change and growth. UM believe with the power of education. We empower the community through knowledge transfer activities that has become our niche area using our Aedes-proof building elements research outputs, dengue prevention module, sustainable environmental knowledge and expertise; with the hope that the we fight Aedes in a holistic approach, aiming for sustainable wellness. Therefore, we believe it is time the concept and platform of Teddy Bear Hospital should be extended. Previously, our focus was solely on the prevention of dengue, but we are moving forward to a bigger idea. We are going to incorporate the Teddy Bear Hospital as one of the pillars in our "My Big Green World" program, aims to educate community in terms of sustainability and wellness in order to fight dengue in a long run.</p>
	<p><b>How will you ensure that the community partner will be engaged and involved in this project? (maximum 150 words)</b></p> <p>To reach the community strategically, UMBuilt started our effort through collaboration with IMAM (Islamic Medical Association Malaysia, a registered NGO body) in 2012, and this collaboration remains stronger. We have conducted many activities, impacting communities in all age groups, from all socio-economic backgrounds (as listed in Part D of this form).</p>
	<p>Please attach documentation of the community partner's prior informed consent, including an acknowledgement that they are aware that they can withdraw from the project with due consideration and notification.</p>
<b>G</b>	<b>Project Information</b>
	<p><b>What are the objectives of your project? (Please list in point form)</b></p> <p>The aim of this project is to empowerdengue prevention efforts at the community level through sustainable build environment and health promotion. Therefore the objectives are:</p> <ol style="list-style-type: none"> <li>i. To educate to the children and parents and virus on dengue (and other mosquito-borne) virus.</li> <li>ii. To explain the children and parents on the the transmission of the virus.</li> <li>iii. To expose to the children and parents on simple prevention concept that relates to the spread of the dengue through sustainable build environment that incorporates technical and health aspects.</li> </ol>



Please summarise your project plan or methodology (maximum 300 words)	
<b>Month 1:</b>	Design My Big Green World module, incorporated with Dengue Prevention Module and Teddy Bear Hospital program.
<b>Month 2:</b>	Identify partners, volunteers coordination, administrative work and marketing, identify venue, design My Big Green World platform.
<b>Month 3:</b>	Build My Big Green World platform
<b>Month 4:</b>	Train on volunteers
<b>Month 5:</b>	Finalization
<b>Month 6:</b>	Community empowerment execution and way forward
What is the impact of the project?	
<p>This particular event is a part of a long-term project. We are in a Phase 3 of the first Dengue Coalition Council's strategic plan. We will surely plan for more events in the future to engage the community and promote togetherness in preventing Dengue Fever.</p> <p>The Dengue 1 Stop Centre is now open, and warmly welcomed anyone to become volunteers, learning first-hand various activities that the community can conduct in their local neighbourhood. At the centre, we provide them with the COMBI (Communication for Behavioural Impact) toolkit, and the two permanent volunteers stationed at the centre are available to share information on how to combat dengue by learning how to "search and destroy" dengue hotspots.</p> <p>The external and internal building condition assessments report definitely will prevent Aedes breeding in the long run, hence, creating sustainable environment.</p> <p>The pre-school module is aimed to educate children, whereby these children grow up by taking Dengue issues seriously in their daily life. Here, it is hoped that our future generation is highly aware to control this epidemic.</p> <p>The Teddy Bear Hospital has successfully reached a bigger crowd of community, thus we target to reach a bigger number of communities as each and everyone of us should be benefited with this fundamental knowledge, hence empower Malaysians as a whole. The platform was made using recycle materials and detachable; therefore can be used again and again in different locations we go</p> <p>By fighting the root causes of dengue, this research will add significant value on mitigating other mosquito-borne diseases such as Zika, malaria, and Chikungunya. Through this knowledge, it will benefit global community; it could save 1.8 billion (more than 70%) people at risk, hence could reduce the economic burden caused by mosquito-borne diseases, worldwide.</p>	
Please attach:	
<ul style="list-style-type: none"> <li>▪ Gantt chart of project activities</li> <li>▪ Schedule of milestones and dates</li> <li>▪ List of project progress indicators (e.g. number of workshops/ consultation sessions – number of people involved or participating/ physical outputs from each event )</li> </ul>	
The priority areas of the program shall provide the following impact:	
<ol style="list-style-type: none"> <li>1. Increase revenue</li> <li>2. Reduce cost of living</li> <li>3. Increase productivity</li> <li>4. Improving the protection and safety</li> <li>5. Foster national pride</li> </ol>	
Please list the physical outputs that will result from this project. (eg. Posters for the community/ newsletters/ booklets/ experimental farm/ products for sale)	
i.	Posters for the community