

## Research Collaboration Marketplace

**Applicants from Ghana and Tanzania searching for a Danish Partner, Call for Phase 1 applications 2017, research collaboration projects in Danida priority countries**

Research Theme of Application	
Relevant research theme according to the country of applicant as defined in the Call: <a href="http://dfcentre.com/research/calls-for-applications/">(http://dfcentre.com/research/calls-for-applications/)</a>	Growth and Technological Innovation
Applicant Information and Contact Details	
Applicant name	Mary Opokua Ansong
Applicant qualification (degree) and position	PhD degree - Lecturer
Applicant e-mail address	ansongmo@gmail.com
Applicant institution and country	Kumasi Technical University, Ghana
Link to relevant website(s) (institution, CV, other)	www.kstu.edu.gh
Project Proposal Information	
Proposed title for the project to be applied for	Development of Agricultural Web Based System for enhancement of information dissemination on animal and crop production.
Brief project description/project idea (10-15 lines)	<p>Ghana has agriculture policies but the implementation is always inadequate for example, there is the crop protection policy, but the implementers are not doing as it should.</p> <p>Policy and recommendation do not get to the user the form and manner in which it should. Those who should implement, provide extension services or monitor the implementation are too fragmented, each is just concentrating on an aspect of interest. The end users themselves in most cases are not organized for information and policy packages to be delivered to them in whole.</p> <p>In view of this, it will be necessary to have a database of all the stakeholders in the crop and animal production to the utilization cycle (farmer, researcher, landowner, input supplier, credit provider, extension service, product distributors, industry (value addition) and consumers). This will facilitate information acquisition and dissemination. Therefore, there is the need to seek in depth information to develop this system. The main objective of the research is to develop a web/mobile platform to aid resource/information sharing for sustainable food production..</p>

<p>Brief description of the research competencies available on your team</p>	<p>1. Dr. Mary Opokua Ansong, Systems Engineer, Complex network model design, Large scale systems design, MIS,</p> <p>2. Eric Yaw Agbezuge, Large system design and development, Algorithm development, Mobile Application development.</p> <p>3. Professor Jakpasu Victor Kofi AFum: Entomology, Improving Livelihood, Inset Pest and Disease Diagnostics, Qualitative and quantitative pest Risk analysis,</p>
<p>Describe in max 10 keywords the research competencies you are searching for in a Danish partner</p>	<p>Researcher in Software Engineer specialized mobile/Web development, Researcher in Database Administration.</p>