

Please fill this form and return it to:

**info.k4DWB@gmail.com**

Contact details		
<b>Name:</b>	SIDI ZAKARI Ibrahim	
<b>Country:</b>	NIGER	
<b>Training Coordinator:</b>	SIDI ZAKARI Ibrahim	
<b>Implementing Organization</b>	Abdou Moumouni University	
<b>Contact(full):</b>	<a href="mailto:isidizakari@refer.ne">isidizakari@refer.ne</a> or <a href="mailto:sidizakariibrahim@gmail.com">sidizakariibrahim@gmail.com</a> Abdou Moumouni University ( <a href="http://uam.refer.ne/">http://uam.refer.ne/</a> ) Faculty of Sciences and Technologies Department of Mathematics and Computer Science PO Box: 10662, Niamey (Niger) Fax:(00227) 20 31 58 62 Tel: (00227)89131415 or (00227)80897828 Skype ID: sidizakariibrahim	
<b>Training Area:</b>	Household Air Pollution Monitoring (Environment Technology)	
Training Planning		
<b>Anticipated Date</b>	<b>Country</b>	<b>Local Partner(s)</b>
Mars 2017 (depending on the availability of the training room)	Niger	Abdou Moumouni University
		Campus Numérique Francophone de l'AUF.
<b>Venue:</b>		
Address and how to reach venue by public transport otherwise:	Abdou Moumouni University Faculty of Sciences and Technologies PO Box: 10662, Niamey (Niger)  Around 15 mins of transport from city center where hotels are located.	
Legal arrangement (e.g. Rental). If rented, please indicate cost:	The training room/classrooms will be available for free.	
Facilities (how many computers, beamers, classrooms etc.):	20-40 computers+2 beamers+1 or 2 classrooms (available for free). It will be interesting to provide documentation, transport, coffee break+lunch for 20 participants.	
Total cost of facilities:	2000 euros	

<b>Facilitator:</b>	
Name of the co- facilitator	CHAIBOU Kadri
Background and skills of the co-facilitator (language, IT, etc.):	He is an expert in Air Quality Monitoring and ICT with engineering and PhD background.
Certification of trainers:	Please do not complete
Contractual arrangements with trainers:	Please do not complete
Salary for trainers:	Please do not complete
Costs of training materials:	Please do not complete
<b>Training:</b>	
Duration/number of Days:	3 days
Language:	French/English

<p>Training module and specific schedule:</p>	<p><b>Day 1:</b>  <i>-Introduction of trainers and overview</i>  <i>- Explanation of the main sources of Household Air Pollution(HAP)</i>  <i>-HAP and Climate change</i>  <i>-Health Impacts of HAP</i>  <i>-Tools for monitoring HAP</i></p> <p><b>Output of day 1:</b>  <i>Trainees shall be able to understand the HAP impacts on health and environment.</i></p> <p><b>Day 2:</b>  <i>Explanation of the importance of low cost sensors as tools for measuring main pollutants from HAP and how to calibrate those sensors. Exercises and practical work on calibration with Arduino air pollution monitor for example.</i></p> <p><b>Output of day 2:</b>  <i>Trainees shall be able to calibrate a low cost sensor for measuring a specific pollutant emission level.</i></p> <p><b>Day 3:</b>  <i>-Importance of open data on pollutants emissions</i>  <i>-Gathering open data from low cost sensors network's based platform.</i></p> <p><b>Output of Day 3:</b>  <i>Trainees should be able to know basics of open data and tools for gathering data from online plateforms.</i></p>
<p>Training material:</p>	<p>Please do not complete</p>
<p>Cost of training material (preparation, print-outs, etc.)</p>	<p>Please do not complete</p>
<p>License for training in country of training:</p>	<p>Please do not complete</p>
<p>Cost of organization of trainings:</p>	<p>Please do not complete</p>
<p></p>	<p></p>
<p><b>Trainees:</b></p>	<p></p>

How will trainees be reached out and recruited:	We will select students and academics of Abdou Moumouni University. Particularly those with backgrounds in ICT, Statistics, Physics, Biology, Chemistry, Geography or Environmental health.
Estimated Number of trainees to register:	20
Tests and delivery of attestation/certificate for participants?:	YES If yes, we can only deliver at this stage a certificate that printed be printed by the participants
<b>Monitoring and Evaluation:</b>	
Monitoring during training:	The local co-facilitator will support Monitoring and Evaluation.
Evaluation and follow up:	Participants will be evaluated and join for free our close Community of Practices.
<b>Challenges/Risks:</b>	
What are potential challenges/risks linked to the proof concept implementation in your country? How do you know them?, e.g. statistics, studies, experience including sources)	The present proof concept can be implemented in our country without any problem.
Challenge/Risk-mitigation measures: How can we overcome them? Please, explain.	The present proof concept can be implemented in our country without any problem.
Additional information	Please do not forget to plan low cost sensors devices in your training materials, since those materials are not available locally. Particularly for monitoring PM <sub>2.5</sub> , PM <sub>10</sub> , CO, SO <sub>x</sub> , NO <sub>x</sub> ,... The training curriculum will be discussed and fined

**NB:** This Training Package will be delivered by our international training expert for free. The local Partner organization oversees the local facility and accommodations. We could offer live/online training package from 5-150 participants. contact us on info.k4DWB@gmail.com

Date, Signature: 03/12/2016



Name of Training Coordinator: Dr SIDI ZAKARI Ibrahim