



INNOVATIONS CHALLENGE/HACKATHON

THEME: “WEATHER AND CLIMATE INFORMATION FOR PLANNING”

Climate change and climate variability have presented a number of challenges for both commercial and small-holder farmers throughout Uganda, including access to reliable weather and climate information for planning and production processes.

Since its establishment in 2014, the Uganda National Meteorological Authority (UNMA), with support from development partners including UNDP, has incrementally built its capacity to generate timely and reliable weather, climate and early warning information. With improved technology and systems for monitoring and forecasting weather and climate information for end users, UNMA now has greater capacity to power new and innovative applications that can help improve decision-making and reduce losses associated with climate change and variability.

In this respect, UNMA is organizing an “Innovations Challenge/Hackathon” for young professionals from Uganda and beyond, from the 12th to 14th June 2017, to develop innovative solutions for converting the available weather and climate data into useful weather and climate information and/or solutions that will facilitate efficient dissemination of weather and climate information to the end users.

To participate in the Innovations Challenge/Hackathon, the innovators must meet the following criteria:

- Be youth below 30 year of age;
- Have basic experience in programming applications;
- Form a team of between 3 to 5 youth;
- Must have submitted their proposal by the 22nd May 2017. Late submission will not be accepted.
- The proposal should be not more than 8 pages excluding annexes and should be of font Times New Roman, size 12, line spacing 1.5, alignment justified, portrait orientation for text, A4 size.

Based on the below criteria, the top three winning teams will receive prizes up to a maximum of 3 Million Uganda Shilling:

- a) The developers demonstrate an understanding of UNMA’s challenges
- b) An intuitive application, i.e. the flow of application makes sense and is clear and easy to use at first glance;
- c) High quality of the proposed application/solutions with high impact on end users;
- d) The application demonstrates sustainability in terms of its life-cycle;
- e) The application utilizes a well-established open source;
- f) Cost effectiveness and scalability of the solution;
- g) Clarity of the implementation plan (the team developing that application should provide an API support/documentation for other people to pick up);
- h) The proposed application provides more than one solution/ benefits to the users;

All the hackers who will have participated in the prototyping workshop will be awarded certificate of participation. Confirmed participants from outside Uganda will cater for their own transport to and from Uganda, but their upkeep including accommodation will be provided by the organizers of the event. All submissions that meet the above criteria will be welcome to attend the award event on the 14th June, 2017 at a venue to be communicated, on invitation.