

TAHMO Sensor Design Competition 2013

Round I: Selected Entries

After the deadline for Round I of the TAHMO Sensor Design Competition, 13 teams were selected from 20 entries in total. These teams have received a Maker's Package to build their sensors. Please find below, in random order, the selected designs and their designers.

Dr X.F. Carelse, Dr. E. Mashonjowa and Mr. J. Muganda (Zimbabwe) – **Electronic Barometer** [[view pdf](#)] and **Solar Radiation Sensor** [[view pdf](#)].

Oluwasanya Pelumi Wonuola (Nigeria) – **Temperature, Atmospheric Pressure and Relative Humidity Sensor** [[view pdf](#)].

Babafemi David Aluko, Abdulhafeez Olaide Odetoyinbo, Niyi Funsho Oke, Abdullah Akolade Okunola, Taofeeq Ishola Salau and Abdulquadri Abiodun Sotomiwa (Nigeria) – **Relative Humidity Sensor Using Silica Gel** [[view pdf](#)].

Awili Elias and Ogboko Francis (Nigeria) – **Automated Rain Gauge** [[view pdf](#)]

Ademola Oluwadamilola Oduguwa and Olaolu Olamuyiwa Akinfenwa (Nigeria) – **Temperature, Pressure, Relative Humidity and Dew-Point Microcontroller Based Weather Sensor** [[view pdf](#)]

Narcisse Mbunzama, Mole Gladis and Kevin Mpongo (Congo) – **Zansor** [[view pdf](#)].

Kolyanga Emmanuel and Wogisha Benjamin (Uganda) – **Temperature and Lighting Sensor** [[view pdf](#)].

Gilbert Mwangi Kamau and Otieno Kenneth Odhiambo (Kenya) – **Wind Direction, Wind Speed and Temperature Sensor** [[view pdf](#)].

Ladipo Kehinde Ogunleye, Mr. A. Okunlola and Prof. Z.D. Andeyewa (Nigeria) – **Sunshine Hour Sensor** [[view pdf](#)].

Ladipo Kehinde Ogunleye, Mr. A. Okunlola, Dr. Ahmed Balogun and Dr. Philip (Nigeria) – **Evaporation Sensor** [[view pdf](#)].

Ladipo Kehinde Ogunleye, Mr. A. Okunlola and Dr. Ahmed Balogun (Nigeria) – **Relative Humidity Sensor, Wind Speed Sensor and Rainfall Sensor** [[view pdf](#)].

Ladipo Kehinde Ogunleye, Mr. A. Okunlola and Dr. K.O. Ogunjobi (Nigeria) – **Global Radiation Sensor and Net Radiometer** [[view pdf](#)].

Hope Ewwieroghene Orovwode, Samuel N. John, Efe-Imafidion Simeon and Obebeduo Efeoghene (Nigeria) – **Wind Sensor Using a Capacitive Diaphragm** [[view pdf](#)].

George Sserwadda (Uganda) – **Low Cost Radiation Sensor** [[view pdf](#)].

Javier Benitez Buelga, Leonor Rodriguez Sinobas, Pablo Cid Quintas, Irene Jarrin Hernandez, Maria Teresa Mateos San Juan, Mauro Martinez Diaz-Caneja, Julian Rioja Usano and Raul Sanchez Calvo (Spain) – **Evapotranspiration Sensor** [[view pdf](#)].

Jurriaan Kloek (Luxembourg) – **Infrared Imaging With a Smartphone** [[view pdf](#)].