**ANNEX 7 - CAPACITY BUILDING**: **2015**

Students supported and accommodated by the BMGF Improvement of banana for smallholder farmers in the Great Lakes Region of Africa

**PhD STUDENTS**

**Name:** Janet Njeri Kimunye

**Nationality:** Kenyan

**Gender:** Female

**MSc/PhD student:** PhD

**Tentative title:** Response of east African bananas to Sigatoka: understanding genetic diversity of Sigatoka pathogens and development of rapid germplasm screening techniques.

**Academic supervisor and University:**  Prof. Altus Viljoen, Stellenbosch University, South Africa

**Scientific supervisor at IITA or subcontracting partner:** Dr. G. Mahuku (IITA) and Dr A. Brown (IITA)

**Location of field work:** Tanzania / Uganda / South Africa

**Planned ending date:** 2019

**Name:** Michael Batte

**Nationality:** Uganda

**Gender:** male

**MSc/PhD student:** PhD

**Tentative title:** Increasing the efficiency of the breeding pipeline for the East African highland Bananas.

**Academic supervisor + co-supervisors and University:**  Prof. Rodomiro Ortiz, + Drs. Helena Persson and Dr. Mulatu Geleta Dida, Swedish University of Agricultural Sciences, Sweden

**Scientific supervisor at IITA or subcontracting partner:** Prof. Dr. Rony Swennen (IITA) and Dr. Brigitte Uwimana (IITA)

**Location of field work:** Uganda

**Planned ending date:** 2019

**Name:** Mohamed Hussein Mpina

**Nationality:** Tanzania

**Gender:** male

**MSc/PhD student:** PhD

**Tentative title:** Genetics of Fusarium wilt resistance in banana

**Academic supervisor and University:**  Prof Altus Viljoen, Stellenbosch University, South Africa

**Scientific supervisor at IITA or subcontracting partner:** Dr. Brigitte Uwimana (IITA) and Dr George Mahuku (IITA)

**Location of field work:** Tanzania

**Planned ending date:** 2019

**Name:** Moses Nyine

**Nationality:** Ugandan

**Gender:** male

**MSc/PhD student:** PhD

**Title:** Genotyping-by-sequencing of related triploid and diploid banana hybrid population: first steps toward genomic selection for efficient banana breeding

**Academic supervisor and University:**  Prof Jaroslav Dolezel, Palacky University, Czech Republic

**Scientific supervisor at IITA or subcontracting partner:** Dr. B. Uwimana (IITA) and Prof. R. Swennen (IITA)

**Location of field work:** Uganda

**Planned ending date:** 2017

**Name:** Privat Ndayihanzamaso

**Nationality:** Burundi

**Gender:** male

**MSc/PhD student:** PhD

**Tentative title:** Evaluation of M’chara bananas for resistance to Fusarium oxysporum f. sp. cubense

**Academic supervisor and University:**  Prof Altus Viljoen, Dr Diane Mostert, Stellenbosch University, South Africa

**Scientific supervisor at IITA or subcontracting partner:** To be announced

**Location of field work:** Uganda/Tanzania/South Africa

**Planned ending date:** 2019

**Name:** Allan Waniale

**Nationality:** Ugandan

**Gender:** male

**PhD student:** PhD

**Tentative title:** Banana floral biology and crossability studies: Implications for banana breeding efficiency

**Academic supervisor and University:** Dr. Arthur Tugume, Department of Biological Sciences, School of Biosciences, College of Natural Sciences, Makerere University Kampala, Uganda

**Scientific supervisor at IITA or subcontracting partner:** Prof. Rony Swennen (IITA), Dr. Robooni Tumuhimbise (Banana Program, National Agricultural Research Laboratories NARL)

**Location of field work:** NARL – Kawanda, Uganda

**Planned ending date:** May 2018

**MSc STUDENTS**

**Name:** Hassan Mduma

**Nationality:** Tanzania

**Gender:** male

**MSc/PhD student:** MSc

**Tentative title:** (to be determined)

**University**:  The Nelson Mandela African Institution of Science and Technology, Tanzania

**Scientific supervisor at IITA or subcontracting partner:** Dr. Allan Brown and Prof. Dr. Rony Swennen

**Location of field work:** Tanzania

**Planned ending date:** 2017

**Name:** Yusuph Mohamed

**Nationality:** Tanzania

**MSc/PhD student:** MSc

**Gender:** male

**Tentative title:** (to be determined)

**University**:  The Nelson Mandela African Institution of Science and Technology, Tanzania

**Scientific supervisor at IITA or subcontracting partner:** Prof. Dr. Rony Swennen (KU Leuven), Prof. P. Ndakidemi (Nelson Mandela African Institution of Science and Technology) and Dr. Cornel Massawe (Banana sub program, HORTI -Tengeru)

**Location of field work:** Tengeru, Tanzania

**Planned ending date:** 2017

**PhD STUDENTS not directly funded by the project, but whose research results support the planned project outcomes/outputs**

**Name:** Siah Godfrey

**Nationality:** Tanzanian

**Gender:** Female

**MSc/PhD student:** PhD

**Title:** Characterization of the banana-based farming systems in the Upper-Pangani catchment of Tanzania: a plant survey

**Academic supervisor and University:**  Prof. R. Swennen (KU Leuven) and Prof. R. Merckx (KU Leuven)

**Scientific supervisor at IITA or subcontracting partner:** Prof. R. Swennen (IITA) and prof. P. Ndakidemi (Nelson Mandela African Institution of Science and Technology)

**Location of field work:** Tanzania

**Ending date:** 2018

**Donor:** Flemish government and KU Leuven

**Name:** Akida Meya

**Nationality:** Tanzanian

**Gender:** male

**MSc/PhD student:** PhD

**Title:** Characterization of the banana-based farming systems in the Upper-Pangani catchment of Tanzania: a soil survey

**Academic supervisor and University:**  Prof. R. Swennen (KU Leuven) and Prof. R. Merckx (KU Leuven)

**Scientific supervisor at IITA or subcontracting partner:** Prof. R. Swennen (IITA) and prof. P. Ndakidemi (Nelson Mandela African Institution of Science and Technology)

**Location of field work:** Tanzania

**Ending date:** 2018

**Donor:** Flemish government and KU Leuven

**Name**: Arinaitwe Ivan Kabiita

**Gender:** male

**Nationality**: Ugandan

**Msc/PhD student**: PhD

**Tentative title**: Generating fusarium wilt banana diploid segregating populations for genetic studies and identifying quantitative traits loci for fusarium wilt FOC1 resistance

**Academic supervisor and University**: Prof Dr. Rofina Yasmin Othman and Prof Dr Jennifer Ann Harikrishna, University Malaya

**Scientific supervisor at IITA or subcontracting partner**: Dr. Robooni Tumuhimbise

Location of field work: Uganda

Planned ending date: 2018

**MSc STUDENTS not directly funded by the project, but whose research results support the planned project outcomes/outputs**

**Name:** Sam Raeymaekers

**Nationality:** Belgian

**Gender:** male

**MSc/PhD student:** MSc

**Title:** Characterization of the banana-based farming systems in the Upper-Pangani catchment of Tanzania: a plant survey

**Academic supervisor and University:**  Prof. R. Swennen (KU Leuven) and Prof. R. Merckx (KU Leuven)

**Scientific supervisor at IITA or subcontracting partner:** Prof. R. Swennen (IITA) and prof. P. Ndakidemi (Nelson Mandela African Institution of Science and Technology)

**Location of field work:** Tanzania

**Ending date:** 2015

**Donor:** Flemish government and KU Leuven

**Name:** Elisabeth Vandekerckhove

**Nationality:** Belgian

**Gender:** female

**MSc/PhD student:** MSc

**Title:** Characterization of the banana-based farming systems in the Upper-Pangani catchment of Tanzania: a plant survey

**Academic supervisor and University:**  Prof. R. Swennen (KU Leuven) and Prof. R. Merckx (KU Leuven)

**Scientific supervisor at IITA or subcontracting partner:** Prof. R. Swennen (IITA) and prof. P. Ndakidemi (Nelson Mandela African Institution of Science and Technology)

**Location of field work:** Tanzania

**Planned ending date:** 2016

**Donor:** Flemish government and KU Leuven

**Name:** Bert Stevens

**Nationality:** Belgian

**Gender:** male

**MSc/PhD student:** MSc

**Title:** Characterization of the banana-based farming systems in the Upper-Pangani catchment of Tanzania: a soil survey

**Academic supervisor and University:**  Prof. R. Merckx (KU Leuven) and Prof. R. Swennen (KU Leuven)

Scientific supervisor at IITA or partner: Prof. R. Swennen (IITA) and prof. P. Ndakidemi (Nelson Mandela African Institution of Science and Technology)

**Location of field work:** Tanzania

**Ending date:** 2015

**Donor:** Flemish government and KU Leuven

**Name:** Madeline Young

**Nationality:** USA

**Gender:** female

**MSc/PhD student:** MSc

**Title:** Characterization of the banana-based farming systems in the Upper-Pangani catchment of Tanzania: a soil survey

**Academic supervisor and University:**  Prof. R. Merckx (KU Leuven) and Prof. R. Swennen (KU Leuven)

Scientific supervisor at IITA or partner: Prof. R. Swennen (IITA) and prof. P. Ndakidemi (Nelson Mandela African Institution of Science and Technology)

**Location of field work:** Tanzania

**Planned ending date:** 2016

**Donor:** Flemish government and KU Leuven

**Name**: Tamba Abdulai Konah

**Nationality:** Sierra Leone

**Gender:** male

**MSc/PhD student:** MSc (Thesis)

**Tentative title:** Genetics of nematode resistance in banana: screening of a mapping population for resistance to *Radopholus similis*

**University**:  EARTH University, Costa Rica

**Scientific supervisor at IITA or subcontracting partner:** Dr. Brigitte Uwimana (IITA) and Dr. Danny Coyne (IITA) and Prof. Luis Pocasangre (EARTH University)

**Location of field work:** Uganda

**Planned ending date:** 2015

**Name**: Alex Mukibii

**Nationality:** Uganda

**Gender:** male

**MSc/PhD student:** MSc (Thesis)

**Tentative title:** Suitability of *Musa* morphological descriptors to characterize East African highland ‘Matooke’ bananas

**University**:  Earth University, Costa Rica

**Scientific supervisor at IITA or subcontracting partner:** Dr. Rony Swennen (IITA) and Prof. Luis Pocasangre (EARTH University)

**Location of field work:** Uganda

**Ending date:** 2014

**Name:** Juliet Kemigisa

**Nationality:** Ugandan

**Gender:** female

**MSc student:** MSc

**Tentative title:** Characterize and partition weevil resistance in *Musa*

**Academic supervisor and University:** Dr. Arthur Tugume, Department of Biological Sciences, School of Biosciences, College of Natural Sciences, Makerere University Kampala

**Scientific supervisor at IITA or subcontracting partner:** Dr. Jerome Kubiriba, Dr. Tendo Ssali (Banana Program, National Agricultural Research Laboratories NARL)

**Location of field work:** NARL – Kawanda, Uganda

**Planned ending date:** May 2018

**Name:** Mr Patrick Karangwa

**Nationality:** Rwandan

**Gender:**  Male

**MSc/PhD student:** PhD

**Tentative title:** Diversity and population structure of *Fusarium oxysporum* f.sp. cubense in Central and Eastern Africa

**Academic supervisor and University:**  Prof Altus Viljoen, Stellenbosch University, South Africa

**Scientific supervisor at IITA or subcontracting partner:** Dr F. Beed (IITA), Dr G. Blomme (Bioversity International)

**Location of field work:** East and central Africa

**Planned ending date:** March 2015

**BSc STUDENTS**

**not directly funded by the project, but whose research results support the planned project outcomes/outputs**

**Name:** Siraje Senyonjo

**Nationality:** Ugandan

**Gender:**  male

**MSc/PhD student:** BSc

**Tentative title:**HOST RESPONSE OF BANANA LANDRACES AND HYBRIDS TO *RADOPHOLUS SIMILIS* INFESTATION

**Academic supervisor and University:**  Dr. H. Talwana, Makerere University, Uganda

**Scientific supervisor at IITA or subcontracting partner:** Dr. D. Coyne (IITA)

**Location of field work:** Uganda

**Planned ending date:** 2015