



# TLCGM 2016-2017

## Communication on Engagement

Submitted to the United Nations Global Compact



## Engage with Global Compact Local Networks

### Nov 2016- Apr 2017. Fiduga Company Clinic

Nov 2016 - Apr 2017: TLCGM team was contacted by the Fiduga flower farm to design a concept titled HER (Health Enables Returns) as an extension of their social investments into the Labour Pillar. **Fiduga Uganda Limited** (a subsidiary of Dummen Orange Group); one of the largest flower farms in Uganda; employing over 600 staff (men and women) and thus retaining vibrant young workers. This discussion on labour productivity precipitated the discussion of extending the company clinic from treating the staff and their children or dependents to reaching out to the adolescents in the community. The target is 5,000 pregnant, out-of-school girls with reproductive health services.

We are working on upgrading their company clinic to serve the local community. A concept note for GBP1.5mn was written by the TLCGM team in collaboration with the Company Doctor; it was submitted to the UK's DFID (Department for International Development) - Girl's Education Challenge under the Leave No Girl Behind Track.

### Jan 2017. UMA SACCO, Uganda Medical Association - Savings and Credit Cooperative Ltd

TLC Global Missions worked with UMA SACCO to develop an online strategy for mobilizing medical doctors in Uganda.

## 1SMILE Initiative Partnerships

TLCGM and its partners have designed the "1SMILE" (One Square Mile Infrastructure Leveraged for Emergencies). We believe that the right to health is critical to social development

### African Science Gateway, 12 institutions, 23 champions

TLCGM participated in the European Union-funded project, **African Science Gateway 2014-2016** as a Science Champion (<http://www.sci-gaia.eu/champions/thomas-munghono/>). In collaboration with ECAI Ltd and Makerere University, TLCGM has developed a concept called **1SMILE** "One Square Mile Infrastructure Leveraged for Emergencies".

One of the use cases is **The Blackspot Detective** mobile app that we designed to target 'Boda Boda' (a local term for "commercial motorcycles") with a gamified approach to app design their CLE (continuous learning and education) of 1st responder (frontline Community Health Work) for this Generation-G (gaming

generation). We have also borrowed from UCL's Extreme Citizen Science framework to optimise participation of citizens in intractable, social problems like the rising road traffic accident deaths that are killing and maiming the young people; all of these Boda Boda riders are young men aged 16-30 years. Our endgame is a community-led three-zeroes strategy: 0 Boda Boda casualties, 0 delays in accessing care, and 0 deaths.

### **Feb 2017. The Blackspot Detective**

This paper presents the use case of the Public Health Gateway in Uganda; taking the form of a one million smiles campaign called "1SMILE" (One Square Mile Infrastructure Leveraged for Emergencies). This is a project developed under the auspices of the African Science Gateway (Sci-GaIA) project funded by European Union's Horizon2020; it is a brainchild of ECAI and TLC Global Missions. The focus here is on 'Boda-Boda' (commercial motorcycles) that are the preferred means of transportation in Kampala city of Uganda.

The problem space is explored; one Boda Boda accident every hour and ten deaths every day. A solution space is explored; a sort of Uber for Boda Boda Ambulances. The Methodology of implementation is explained in the form of the Vision2020 Transformation Agenda since WHO has declared 2011-2021 as the Decade for Action on Road Accidents with a target of reducing road accidents by half by 2020. The secret sauce is a compelling value proposition that engages Boda Boda riders and commuters in proactively solving the problem of road accidents and deaths.

### **May 2017. EVA1, Electric Vehicle Ambulance; 100 ambulances**

TLCGM is working on emergency health systems strengthening designing **EVA1**, an Electric Vehicle Ambulance.

In the next 1000 days, TLCGM is working on 'economic gardening' i.e., supporting the development and sustenance of 1000 startups along the emergency health value chain with special emphasis on the re-imagining the ambulance vehicle.

### **Uber for Ambulances, 100 1<sup>st</sup> responders skilled**

**Tx app - 100 value Stories on thanksgiving for work of health personnel.**

## Blackspot Detective app - 100 care support spaces

### RENU, Research and Education Network of Uganda, 70 Universities

Nov 2016: We started a partnership with **RENU** (Research and Education Network of Uganda, [www.renu.ac.ug](http://www.renu.ac.ug)) and attended their 2-day UbuntuNet Conference ([https://www.ubuntunet.net/uc2016\\_call\\_for\\_paper](https://www.ubuntunet.net/uc2016_call_for_paper)) at Imperial Resort Hotel, Entebbe.

Since 2006, RENU's Mission has been supporting Ugandan researchers & universities to be fully integrated into and fully contributing to the global knowledge society. RENU's Vision is to promote knowledge creation and sharing amongst scholars and researchers through the provision of advanced network services.

70 universities of Uganda under the RENU cooperative with a possibility to rollout it out to the 23 Nations under the UbuntuNet Alliance for Research and Education Networking (based in Malawi and Netherlands, [www.ubuntunet.net](http://www.ubuntunet.net)) **UbuntuNet-Connect 2016**. 3-4 November, 2016, Entebbe, Uganda.

Theme: **"Optimising the Impact of NRENs on Africa's Research."**

Authors were invited to submit abstracts for presentation at **UbuntuNet-Connect 2016**, the 9th Annual Conference of the UbuntuNet Alliance for Research and Education Networking. The UbuntuNet-Connect series of conferences has been held for the past eight years and is regarded as one of the premier conferences in Africa. That year the conference took place from 3 to 4 November 2016 in Entebbe, Uganda and was hosted by RENU, the NREN (National Research and Education Network) of Uganda.

The UbuntuNet Alliance is an organisation of NRENs, and its immediate "community" comprises people who might be regarded as "REN Insiders" – people who are responsible for network engineering, interconnection agreements, service levels, help desks, governance processes, business models and so on. There's no denying that many of these are complex, difficult and important areas of endeavour.

Nevertheless, all REN Insiders know that an NREN is not a purpose unto itself but is a means to an end that lies outside of the NREN. They know that the purpose of an NREN is to provide the connectivity and related services that enable the universities and research institutions in its country to pursue their missions. For this reason, for UbuntuNet-Connect 2016 the Alliance has chosen a theme: viz. "Optimizing the Impact of NRENs on Africa's Research", that will focus attention on the enabling of scholarly research in Africa through REN services.

Authors are invited to submit abstracts of proposed unpublished work that, if accepted, will lead to papers publishable in the proceedings. While abstracts should preferably address the sub-themes listed below, prospective authors are encouraged to submit any contribution that is interesting and relevant to research and education networking.

UbuntuNet Alliance hopes that the submitted papers will include, inter-alia, some that present interesting conceptual insights relevant to the Theme; some that discuss governance, business and technical problems; and some case studies that extract important lessons for practitioners in Africa.

**Sub-Theme 1: Facilitating access to online research services** - Grid computing, compute and data storage services; Federated identities, single sign-on, catch-all federations; Storage, distribution and sharing of massive data sets; Roles of and experiences with science gateways

**Sub-Theme 2: NREN's direct services to researchers** - Video-conferencing; Connectivity for remote instruments and arrays of instruments; Provision of dedicated light-paths

**Sub-Theme 3: Dissemination of research results and scholarly works** - Trends in academic publishing; NRENS and library consortia; Scielo and the like.

**Sub-Theme 4: General connectivity to support research in Africa** - The Global Network Architecture (GNA) program; "Research networks" vs "commodity networks" – still a worthwhile distinction?; Extending the reach of the NREN within its country; Extending the reach of Africa's Regional RENs within their Regions.

**UbuntuNet Alliance, 23 nations**

**C3SA, 23 institutions across Africa and Europe**

Building competency centres

## **Engage companies in Global Compact-related issues**

### **ECAI, East and Central Africa Interpretation Services Ltd**

Mar 2016 to date: started a working partnership with ECAI Ltd (East and Central Africa Interpretation Services Ltd) on health promotion for tourists who ply the local highways; especially emergency evacuation.

### **3Strands Health Ltd**

### **RK-WHERE Centre, Makerere University.**

### **L555, Leadership 555 Uganda Limited**

### **DoveQuanta Ltd, Bamboo handicraft marketing platform**

### **Ebenezer Junior School**

### **Gomba District Local Government**

### **KCCA, Kampala Capital City Authority**

## **Provide commentary to companies on Communications on Progress**

Going forward vision 2020, we have started interesting local companies, cities and civil society organizations in signing up to into the UN Global Compact. TLCGM is currently engaging with a number of our stakeholders in the health and education sector to that effect.