



AFRICAN
FOOD
REVOLUTION



CORPORATE PHILOSOPHY

African Food Revolution (AFR)

provides expertise and market analysis of the African food sector.

We pride ourselves in identifying critical areas of food production in

Africa. At AFR we concentrate

mainly on 3 pillars which are

indigenous food harvesting and

management, animal production

and crop production systems. We

provide practical solutions from

market insights, new product

development, food laws and safety

and insights into regional &

international markets.



ABOUT AFRICAN FOOD REVOLUTION:

AFR was founded in 2017 in Ancona, Italy by three individuals Makhosi Mahlangu (Zimbabwe), Andrea Torresi (Italy) and Ahmed Altaher (Sudan). Currently not less than 14 science, engineering and economics graduate students are involved in the AFR team. The group consists of 8 food scientists. As AFR we intend to disruptively increase food production on the African continent, through amplifying short farm to folk enterprises rather than Multi-National Companies and Large Cooperatives using locally sourced ingredients.



Vision

Is to feed Africa.

Mission

**Is to use scientific, technological
and human determinism to amplify
small-medium food production
units in Africa through sustainable
production systems from the Farm
to the Folk.**



Goals and Objectives

- 1. To be the solution to any problem related to Food production in Africa.**
- 2. To be the first port of call for issues regarding Food Laws and Food Safety.**
- 3. Smooth and Easy networking amongst various stakeholders.**



African Food Revolution Values

As African Food Revolution we use UBUNTU as part of the teams' core values. We define UBUNTU into survival, solidarity spirit, compassion and respect.

Survival

The performance and survival of AFR depends on the individual team numbers who through their knowledge, skills and abilities ensure that AFR maintains high levels of productivity and effectiveness. The team members rely on each other to ensure that personal goals are sacrificed for the goals of the team.



Solidarity spirit

We value working on tasks as a team as we firmly believe that the African food problem can only be solved by Africans. By working as different nationals with a common goal, helps us embrace a spirit of unison on a common enemy which is hunger.

Compassion

Compassion has made Africans survive in difficult times. Compassion in AFR helps us create a shared vision. We firmly believe that all humans are interconnected. The shared vision ensures that all our team members belong in a gastronomic social



network with common goals and objectives.

Respect

At AFR we understand that lack of respect and dignity leads to unobtainable goals. High levels of respect and dignity positively influence AFR performances. Our team members aim to possess mutual trust for each other and various stakeholders, which creates a positive climate, leading to a more effective AFR team. Our diversity in the group and the respect for each other makes us a powerful entity.

The background of the entire slide is a repeating grid of a photograph showing several chickens, including a large hen and her chicks, in a dusty, rural environment with simple wooden structures in the background.

Services:

AFR will work across the Food chain, offering the following services to food producers:

- Local and traditional food product development and marketing**
- Scientific research on indigenous and traditional African foods**
- Indigenous animal husbandry and welfare**
- Novel food production**
- Insect marketing and recipe development**
- Product development**

A background image showing a group of chickens in a field, with some chickens in the foreground and others in the background. The image is slightly faded and has a grid-like pattern.

- **Developing and modifying African Food laws and Food Safety Regulations**

- **Career guidance for students**
- **Small farmer training**

- **Equipment testing and suggesting suitable equipment for food producers**
- **Market analysis using Artificial Intelligence. Regression models and Exchange Rate models**

Our Research and Development Hub

As a team we use our previous experiences in Africa to ideate, strategize and find solutions to the food crisis in Africa through



embracing technology and use of the latest research methodologies.

Rural entrepreneurship

Has a huge potential to drive food production in marginalized areas and alleviate poverty through employment creation. Local agrifood chains have multiple hindrances which often affect the full potential of this industry. AFR intends to disruptively penetrate this sector using technology, intuition and scientific acumen. There is a huge potential in creating a new viable industry using indigenous and traditional foods. This is due to increased number of African food making

into mainstream production streams.

Our potential clients

Our potential clients are the numerous farmers, food producers and owners of small holder restaurants, selling mainly indigenous food products. Our various potential customers have limited access to food evaluation by scientific institutes. We link the gap between the Doable and the Un-Doable, demystifying all potential threats.

Current and future projects

- **Crowdsourcing of water vessels for Rammash and Umm Shawkah Villages in Sudan**



• **Consultation services on edible insect packaging to farmers in Kezi district (Zimbabwe)**

• **Consultation services on local chicken farming in Accra (Ghana)**

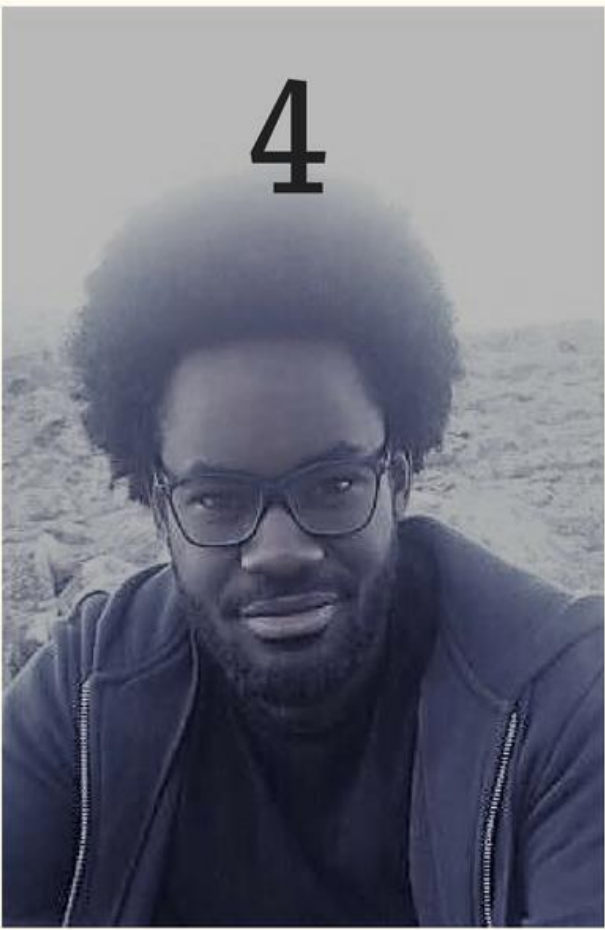
• **Market Research on tomato production in Yuaonde (Cameroon)**

Our Team

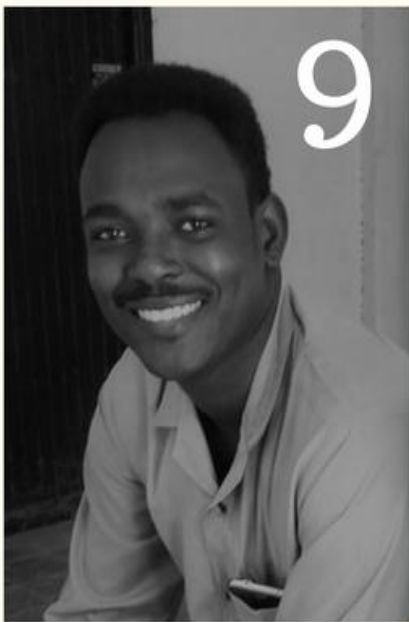
We specialize in indigenous food products, animal husbandry & welfare, novel product development, edible insect marketing, recipe formulations, food laws & regulations, food

safety, market analysis and Regional & Export markets.









2. Krm Leo

(Food Engineering section)

Bulawayo, Sudan 

Qualifications: MSc in Bio Engineering and Bio Medical Engineering // B(Eng) in Mechanical Engineering

Research Interests: Food Trucks, Mechanical designing, satellite structure and designs, vibration analysis, thermal and vacuum simulations, formula racing car designing

3. Henry Chijioke Nwofe Philip

(Marketing & IT section)

Bulawayo, Nigeria 

Qualifications: B(Eng) in Electronics

Research Interests: Formula one car electronic circuits, PLC systems in Food Processing, Biotechnologies, Mechatronics, Artificial Intelligence

4. Henrique Lopes Bengi Moko

(Marketing & IT section)

Luanda, Angola 

Qualifications: Bachelor in Architectural Engineering

Research Interests: Frame Structures, Surface Structures, Concrete Structures, 20th Century History, Wood Structures, American Architecture, Generative Design Computing, Digital Fabrication

5. Razi Ud Din Syed

(Marketing & IT section)

Islamabad, Pakistan



Qualifications: Bachelor in Architectural Engineering

Research Interests: Art, Architectural designs, Baroque History, Renaissance History, Networked Cities, Wood Structures, Building Systems + Energy Conservation, Generative Design Computing, Environmental Design Simulation

6. Prince Chisoro

(Animal Husbandry section)

Harare, Zimbabwe



Qualifications: MSc in Animal Science // BSc in Animal Science

Research Interests: Poultry nutrition, swine nutrition, feed and science and technology, feed formulations

7. Lawrence Tsakeng Djimeli

(Research & Policies section)

Yuaonde, Cameroon



Qualifications: MSc in Food & Beverage Innovation and Management // BSc in Chemistry

Research Interests: Entomophagy, Animal welfare, Food processing, Product Development and Recipe Formulations, Meat Science, Food Regulations and Safety, Food Marketing

8. Ali Douaki

(Food Engineering section)

Algiers, Algeria



Qualifications: MSc in Food & Beverage Innovation and Management // MSc in Food Engineering // BSc in Process Engineering

Research Interests: Food processing, Thermal processes, Refrigeration, Canning, Food Safety, Food machine designs

9. Elkhidir Abdelrahman

(Crops and Trees section)

Khatoum, Sudan



Qualifications: MSc in Food & Beverage Innovation and Management // BSc in Forestry Science and Wood Technology

Research Interests: Food processing, Indigenous Tree identification, wood processing, timber engineering, development of wood based products, commercial aspects of forestry, forestry conservation

10. Ahmed Altaher *(Careers and Scholarships section)*

Rammash, Sudan



Qualifications: MSc in Food & Beverage Innovation and Management // BSc in Forestry Science and Wood Technology

Research Interests: Food Marketing, Food processing, Indigenous Tree identification, wood processing, timber engineering, development of wood based products, commercial aspects of forestry, forestry conservation

11. Sarah Makau *(Food processing section)*

Pretoria, South Africa



Qualifications: MSc in Food & Beverage Innovation and Management // BTech in Post-Harvest Management

Research Interests: Agro processing, Post-harvest management, Entrepreneurship, Fruit Quality and Safety Management, Storage Technology, Fruit and Vegetable Processing Technology

12. Andrea Toressi *(Careers and Scholarships section)*

Macerata, Italy



Qualifications: MSc in Food & Beverage Innovation and Management // BSc in Food Science and Technology

Research Interests: Fruit and Vegetable Technology, Food processing, Product Development and Recipe Formulations, Food Regulations and Safety, Food Marketing

13. Ofosu Boateng Felix (*Economics section*)

Kumasi, Ghana



Qualifications: MSc in International Economics and Business // BSc in Business Administration in Accounting

Research Interests: Corporal Financing, Capital of Cooperates, Financial models, Investment Management, Artificial Intelligence in Financial Systems

14. Zelalem Bekele (*Economics section*)

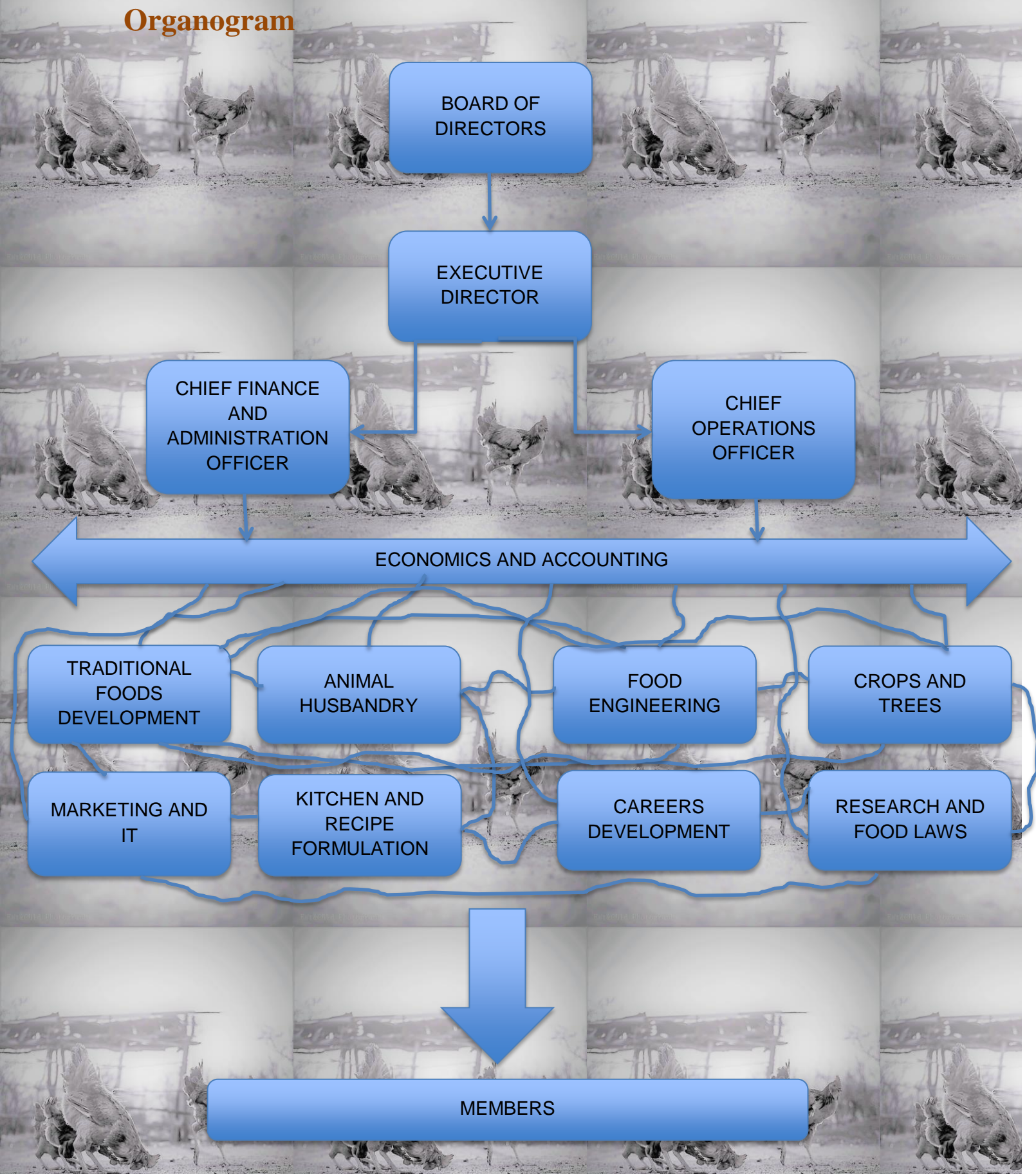
Addis Ababa, Ethiopia



Qualifications: MSc in International Economics and Business // BSc in Economics

Research Interests: Econometrics; Micro and macro-economic theories; Environmental economics, Public economic; Poverty, Inequality and Government Policy in Less Developed Countries; Non-market valuations and Natural Resource Economics

Organogram



Our Partners

Ghana Chamber of Agribusiness (Bureau for Food Security and Nutrition)

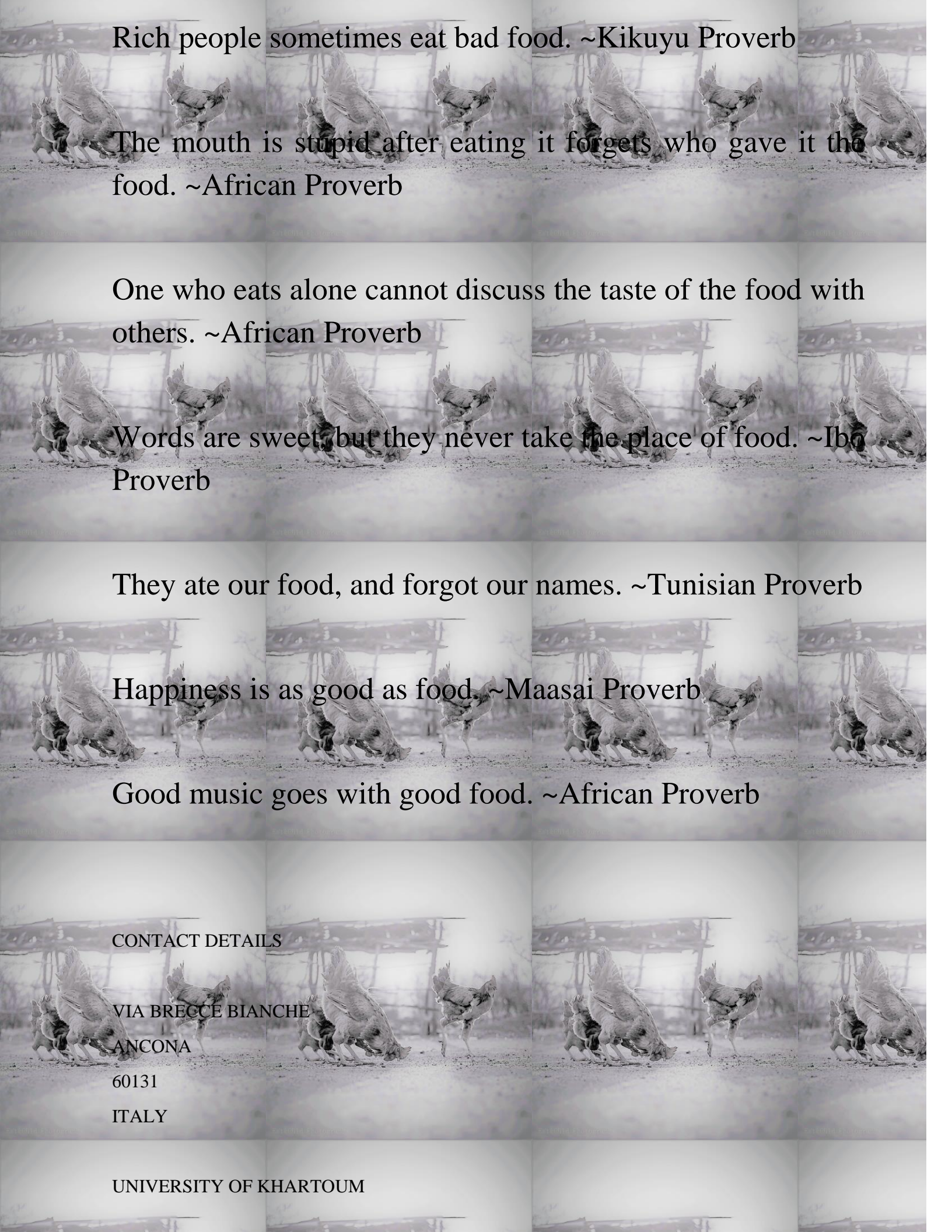
Ali-Douglas Research Network-Zimbabwe

University of Khartoum-Sudan

Lupane State University-Zimbabwe

The food that is in the mouth is not yet in the belly.

~Kikuyu Proverb



Rich people sometimes eat bad food. ~Kikuyu Proverb

The mouth is stupid after eating it forgets who gave it the food. ~African Proverb

One who eats alone cannot discuss the taste of the food with others. ~African Proverb

Words are sweet, but they never take the place of food. ~Ibo Proverb

They ate our food, and forgot our names. ~Tunisian Proverb

Happiness is as good as food. ~Maasai Proverb

Good music goes with good food. ~African Proverb

CONTACT DETAILS

VIA BRECCIE BIANCHE
ANCONA

60131

ITALY

UNIVERSITY OF KHARTOUM

AL-GAMAA AVE.

KHARTOUM

11111

SUDAN

26 ALISSAD COURT

2ND AVENUE AND JOSHUA MQABUKO NKOMO

BULAWAYO

ZIMBABWE

E-MAIL: africanfoodrevolution@gmail.com

Twitter: @AfricanFoodRevolution

Facebook: African Food Revolution

Website: <https://africanfoodrevolution.blogspot.it/>