

Development of innovative food products based on local agro-biodiversity



COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH – FOOD RESEARCH INSTITUTE



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Introduction

Through the collaboration of Work Package 6 partners, stakeholders, and potential product up-takers, Accra Food System Laboratory/CSIR developed some novel foods from indigenous and local underutilized fish and crop species. These novel food products include:

- Cereal-based foods such as moringa base cereal mix, instant fruity cereal, instant cereal mix (maize, millet).
- Legume-based foods such as bambara cereal mix, bambara beans in tomato sauce, koose (black-eyed peas) mix, tofu sausage, fruity soy pancake, soy pancake mixture.
- Fish sausage, fish chips, fish nuggets, fish floats, and bottled ready-to-use koobi (salt-dried tilapia).
- Turkey berry soup base powder, mushroom and dry herrings soup base, ready-to-use frozen vegetables (garden eggs, okro and green leafy ademe (jute), spinach, betor).
- Seasoning and nutritive spices such as Tetrapleura tetraptera powder/cubes (Prekese in Twi language)
- Moringa noodles, soy bean noodles, mushroom noodles, puddings, baobab yoghurt, fruit juices and many others.

Below are samples of the novel food products developed



Pancakes



Instant fruity cereal



Moringa cereal mix



Bambara beans in syrup



Koose mix



Fish nuggets



Fish floats



Koobi in olive oil



Tofu sausage



Tetrapleura tetrapleura cubes (Prekese)



Mushroom base powder



Pickled onions and tomatoes



Pickled onions



Bambara in tomato sauce



Mushroom in tomato sauce



Tomato ketchup



Mushroom in vinegar



Turkey berry soup base



Bambara base soup thickener



Pineapple and watermelon juice



Pineapple and orange juice



Moringa noodles



Soyabean noodles



Ademe (Jute) leaves



Okro and garden eggs

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