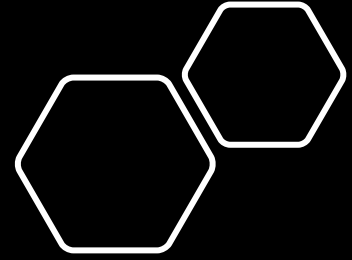




*Eden Street Development  
Company Limited*





# National Grow Castor Project

Presented by Eden Street Development  
Company Limited

- ▶ Registered Local Charity - CAIN100-109C
- ▶ Driving sustainable community growth through economic & social outreach projects in the New Green Community, Manchester, Jamaica since 2013 –See the **Eden Street infomercial** at the following link  
[https://drive.google.com/file/d/1aRY\\_SEY1r6QUzv6Gr-kJ2M4hnHt0pTfX/view?usp=sharing](https://drive.google.com/file/d/1aRY_SEY1r6QUzv6Gr-kJ2M4hnHt0pTfX/view?usp=sharing)



# Project Description

- ▶ A farming, agro-processing and new product development initiative launched in 2015 to facilitate economic growth and sustainable community development.
- ▶ Empowers local Jamaican farmers to seize the wealth creation and capacity building opportunities in the Castor Oil and Derivatives Industry.
- ▶ The global castor oil market is expected to reach USD 2.3 billion by 2032. High demand for castor oil is expected throughout the forecast period from the pharmaceutical and cosmetics sectors.
- ▶ As the Natural Hair Movement increasingly becomes the new normal in the global hair care industry, castor oil will continue to feature as a key ingredient in cosmetics.
- ▶ Rising healthcare costs and public awareness of preventive care and self-management are drivers for skincare, cosmetics and pharmaceutical products like castor.

<b>CGCO</b>	<b>8 oz. Bottle</b>	<b>55 Gallon Drum</b>	<b>Metric Ton</b>
CGCO (World)	\$3 - \$8	\$500 - \$650	\$1,050 - \$1,500
Organic CGCO (World)	\$13 - \$15	\$1,500 - \$1,700	\$2,800 - \$3,000
<b>JBCO</b>	<b>8 oz. Bottle</b>	<b>Per Gallon</b>	<b>55 Gallon Drum</b>
JBCO (Jamaica)	\$12 - \$15	\$140 - \$160	\$6,000 - \$7,500
JBCO (World)	\$7 - \$10	\$80 - \$100	\$3,000 - \$3,500
JBCO (Haiti)	\$15 - \$20	\$90 - \$100	N/A
<b>Castor Bean</b>	<b>Per Pound</b>	<b>55 Pound Bag</b>	<b>Metric Ton</b>
Castor Bean (Jamaica)	\$1 - \$1.50	\$40 - \$55	N/A
Castor Bean (World)	\$.40 - \$.60	\$20 - \$30	\$400 - \$500
Organic Castor Bean (World)	\$.75 - \$1	N/A	\$730 - \$770

## Market Landscape/ Opportunity

# Development Agenda - Phase 2

## Phase 1

### DONE

- 2015-2017 - recruited over 150 small farmers with land holdings totaling 1000 acres
- 2017-2021 - commercial small farms established (300 acres)
- 2022 - production & productivity audits conducted
- 2025 - major research completed (Geographic indication (GI), new products - soap and soil nutrient)

## Phase 2

### Phase 2

- Establish model farm & castor innovation centre (STEM Academy)
- Scale to processing with 20 acres

## Phase 3

### Phase 3

- Re-engage local small farmers (1000 acres)
- Process for local & export markets (Jamaica Black Castor Oil, Soaps, Soil Nutrient)



1

Secure 412,756 USD donor funds for phase 2 capital expenses and working capital



2

Establish model farm & castor innovation centre (STEM Academy)



3

Initiate processing & secure export markets

## Funding Source & Use of Proceeds in Phase 2

# Revenue Projections - Phase 2

30,000 lbs castor seeds sold gross US\$56,250

1,000 gallons of oil sold (product of 30,000 lbs seeds) gross US\$87,500

33,400 4oz bottles sold (product of 1,000 gallons of oil) gross US\$315,213



# Development Agenda - Phase 3

## Phase 1

### DONE

- 2015-2017 - recruited over 150 small farmers with land holdings totaling 1000 acres
- 2017-2021 - commercial small farms established (300 acres)
- 2022 - production & productivity audits conducted
- 2025 - major research completed (Geographic indication (GI), new products - soap and soil nutrient)

## Phase 2

### Phase 2

- Establish model farm & castor innovation centre (STEM Academy)
- Scale to processing with 20 acres

## Phase 3

### Phase 3

- Re-engage local farmers (1000 acres)
- Process for local & export markets (Jamaica Black Castor Oil, Soaps, Soil Nutrient)



DONOR FUNDING FOR  
P2 CAPITAL EXPENSES &  
WORKING CAPITAL



IMPLEMENT  
INTERNATIONAL BEST  
PRACTICES



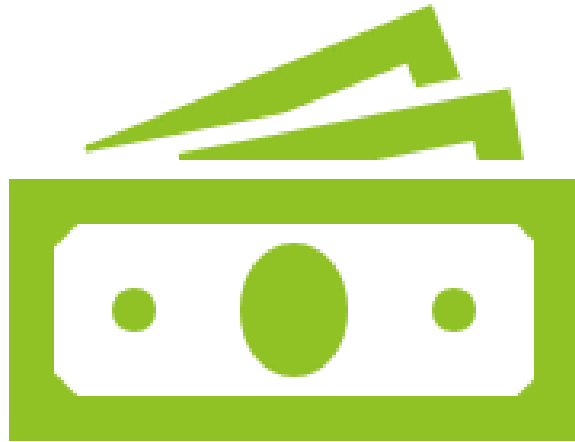
SCALE/GROW FROM  
PROFITS/DEVELOPMENT  
BANK LOANS - P3



PROFIT SHARING WITH  
BENEFICIARY FARMERS

# Financial/Business Model

# Traction/Performance - Castor Project



With the USD650,000 in donor funds raised to date, the following has been achieved.

- ▶ Put 300 acres into castor production between 2017-2020 and conducted an operational audit.
- ▶ Endorsed by the Ministry of Economic Growth and Job Creation at the launch of the programme in 2017.
- ▶ Strong collaborative relationships with key Government ministries and agencies. Trained Extension Service Officers for RADA. JBDC & IICA trained our farmers in business and agronomy skills respectively.
- ▶ Obtained equipment to accurately measure and map beneficiary farms and developed a castor farm monitoring app.
- ▶ Provided over 154,000 USD in funding that enabled key research leading to new product development and paving the way for geographic indication/brand security.
- ▶ Developed strategic alliances in Brazil allowing for access to processing equipment out of the Americas making shipping costs more affordable and technical support more accessible.
- ▶ Completed the Pest Risk Analysis (PRA) necessary for the importation of castor planting materials from Brazil, China and India.
- ▶ Developed NVQ-J (Vocational Qualifications) for Castor Seed Production – Level 2, and Castor Oil Extraction – Level 3, making training accessible to farmers across the island.

# Thank You!

- ▶ Contact Dr Judith Johnston:  
Email - [jandrea\\_jm@yahoo.co.uk](mailto:jandrea_jm@yahoo.co.uk);  
Mobile - 876-441-9467



*Eden Street Development  
Company Limited*