### **Example DSTI projects**



Free Quality Education Project: An interactive dashboard to monitor and assess learning outcomes country's flagship quality free education program.



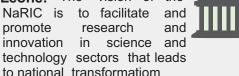
Geographic Information System Sierra Leone: An integrated and interactive GIS platform for national assets, service facilities, and citizen resources.



USSD GoSL Mobile Services: Develop a suit of m-services for citizens. A Deployed service and citizen engagement solution to support human capital development USSD and eservices for health, education, justice, and other Government services accessible to all citizens.

#### National Research and **Innovation Council - Sierra** Leone: The vision of the NaRIC is to facilitate and research promote innovation in science and technology sectors that leads





#### **Ease of Doing Business:**

integrated and Presidential coordinated initiative for facilitating an effective and transparent business environment in Sierra Leone.



### National data financial services mapping:

Enable Integrated national revenue and expense platform.







Directorate for Science

Technology & Innovation



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## **Opportunities in Technologies and Innovation**





Investment and Export **Promotion Agency** info@sliepa.org



Science. Technology and Innovation

dsti.gov.sl

Aissatou Diallo Ecosystems Lead and Head of Global Partnerships aissatou@dsti.gov.sl



GDP (PPP)

Growth USD 10.5 billion 5.5% (proj 2019)







Currency Leone

Exchange rate USD 1=SLL 8,500



Official language **English** 



Time zone **GMT** 

Climate **Tropical** 

Land area 7.2 million ha

### **Chief Innovation Officer - DAVID SENGEH**

Dr. Sengeh completed his Ph.D. at the Massachusetts institute of Technology (MIT), where he developed awardwinning technology for human augmentation. Dr. Sengeh received his bachelor's degree at Harvard University in Engineering Sciences, where his research focused on aerolized vaccines for tuberculosis.

At the time of his appointment, Dr. Sengeh was a Manager at IBM Research Africa, where he led the healthcare team developing solutions in artificial intelligence and machine learning. He has published several academic articles and holds several patents.

Dr. Sengeh is globally recognized for his work and accomplishments: he is a Senior TED Fellow, a National Geographic Emerging Explorer, Forbes 30 Under 30 and most



recently, an Obama Foundation Leaders: Africa Fellow. He is credited for seeding the development of the innovation ecosystem in Sierra Leone through Global Minimum and the Innovate Salone Program, which he co-founded in 2007 and which has supported the innovation journeys of thousands of young Sierra Leoneans.

### The Directorate for Science, Technology and Innovation

H.E. President Julius Maada Bio set up the Directorate of Science, Technology and Innovations (DSTI) to help transform Sierra Leone into a prosperous nation through science, technology and innovation. The Directorate seeks to facilitate and support a vibrant national innovation and entrepreneurial ecosystem for the public and private sectors of Sierra Leone through:

> Active technical research and development activities with

government and other partners;

- Development of innovative enhancements to government service deliver and citizen engagement:
- Policy innovation in support of science, technology, innovation and entrepreneurship; and
- Building a pipeline of talented technologists and innovators in service to the people of Sierra Leone

### Partnership opportunities with **DSTI** and Sierra Leone



### Opportunities for Ideation, Design, Prototyping, **Testing and Evaluation**

Sierra Leone geographically small nation (7.2million ha) of 7 million diverse people with varying levels of income and social class. The variety, land mass and socio-econmic nature makes it an ideal place to test. You will be able to solve for the urban poor, the middle class and rural communities.

#### An authorising environment

The Directorate o Science Technology and Innovation

sits in the office of the President and is led by a Chief Innovation Officer who is also an advisor to the President of Sierra leone. The President in his statement at the State Opening of Parliament announced his mission to turn Sierra Leone into an innovation nation and his strong believe that science and technology are the bedrock of any modern economy.

#### Technical capacity and resources

The Government of Sierra Leone has invested resources into settling up the Directorate and funded research and solutions into proiec includina nation's flagship Free Quality Education. We also have a team who are global leaders with the technical capacity to support and build ideas and collaborations.

The nature of the country, the authorising environment and the technical capacity of the team makes Sierra Leone the Ideal place to deploy new ideals or technology with the view to scale to the region and beyond.



#### Income tax exemptions

The income of a company incorporated in Sierra Leone derived from any agricultural activity involving rice farming and tree crop farming such as cocoa, coffee, oil-palm, is exempt from tax for a period of ten years from the commencement of that activity and fifty percent of any dividend paid in that period.

A foreign company must irrigate at least 500ha of land or cultivate at least 2,500 ha to qualify.

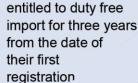
The income derived from investment poultry, livestock and ruminants business is exempt of income tax for a period of three (3) years from the commencement operations, if the investment is at least USD 500,000, and fifty percent of any dividend paid for ten (10) years.

#### **Duty-free import**

engaged in agricultural Entities production shall be entitled to duty-free import of agricultural inputs for a period of five years from the date of first registration. Agricultural inputs means:

(a) Fertilizers; (b) Pesticides; (c) Insecticides; (d) Seeds and seedlings; (e) Hybrid tree seeds; (f) Seed animal for feeding purpose; (g) Day-oldchicks; and (h) animal semen.

and existing businesses importing plants and machinery, excluding spare parts and general purpose vehicles, exclusively for their business operations (and not for resale), shall be











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## **Invest in Agriculture**





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Ministry of Agriculture and Forestry jdemby@statehouse.gov.sl @gmail.com





GDP (PPP)

Growth USD 10.5 billion 5.5% (proj 2019)







Currency Leone

**Exchange** rate USD 1=SLL 8,500



Official language

**English** 



Time zone **GMT** 

Climate **Tropical** 

Land area 7.2 million ha

### Why invest in Sierra Leone?

- Strategic access to markets, boasting a natural deep water harbour: 3h from Lagos, 4h from Brazil, 6h from Europe, 8h from the Americas
- Social and political stability, with an investor-minded government ready with a plan for business reforms and investment facilitation
- Duty free access to global markets (EU, USA, ECOWAS, Mano River Union)
- First mover advantage: total arable land of 5.4 million ha
- Attractive fiscal and non-fiscal investment incentives
- Population young and eager to work

### **Agriculture in Sierra Leone**



50% of **GDP** 

Agricultural arowth: 5% last 5 years



**Arable Land:** 5.4 million ha

Land under cultivation: 15%



**Annual** rainfall 3.000 mm



Food imports \$455 million

Food exports \$120 million



65% of the workforce

### **Investment opportunities** in agriculture

#### Rice

Rice is Sierra Leone's staple food, with a consumption of 133kg per capita per year. The ecologies in the country (riverine, boliland, inland valley swamp) are ideal for rice production for import substitution and exports. Sierra Leone can export duty free to ECOWAS countries (\$3 billion demand).

### **Agro-inputs**

With few agro-dealers in country and a rising sector, the opportunities to invest in seed multiplication and in agro-inputs supply are large. GoSL is setting up a system for smart subsidies support to farmers to boost the sector and impact yields.

#### Cocoa, coffe, and oil palm

the largest Cocoa agricultural export of Sierra Leone (excluding fish). Recent FAO projections shows that Sierra Leone should have comparative advantage and compete successfully on international markets for cocoa and coffee and oil palm.

#### Cassava, peanut, pepper

Cassava has become the second food crop in terms of importance and area cultivated has increased fivefold since 1991. Groundnut production has doubled recently. All three crops have the potential to generate high net profits for their production and their processing.

### Fruits and vegetables

Sierra Leone produces pineapples, mangos, bananas, plantains, avocados, tomatoes, eggplants, etc. Pineapples yields are among the highest in the region.

#### Livestock

There is a largely untapped potential for poultry production for import substitution and exports to subregion. Cattle production is largely found in the North, with an important demand as fish prices are increasing.



### Income tax exemption\*

Income derived from any undertaking under the Public-Private Partnership Infrastructure Projects in excess of twenty million dollars shall enjoy a corporate tax relief for fifteen years.

Any business registered in Sierra Leone and having, at least, 20% Sierra Leonean ownership as of 1st January 2015, and beyond shall be entitled to corporate tax exemption

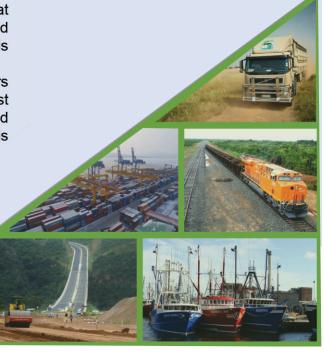
(a) For a period of 5 years if its fulltime workforce is at least 100 employees and minimum investment is \$5,000,000

(b) For a period of 10 years if its workforce is at least 150 employees and minimum investment is \$7,500,000.

### **Duty-free import**

During the period of construction of any undertaking under the Public-Private Partnership Infrastructure Projects in excess of twenty million dollars, subject to the provision of an approved bill of quantities, the importation of plant, equipment and other inputs, excluding petroleum products, shall be duty-free.

\*This provision on income tax exempt persons does not cover ratified Parliamentary agreements with the Government of Sierra Leone.





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GDP (PPP)

Growth USD 10.5 billion 5.5% (proj 2019)







Currency Leone

**Exchange** rate USD 1=SLL 8,500



Official language **English** 



Time zone **GMT** 

Climate **Tropical** 

Land area 7.2 million ha

### Why invest in Sierra Leone?

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### Sierra Leone's Economic Corridor Initiative

The Economic Corridor Initiative will complement the agenda for Human Capital Development to unlock growth in targeted industries and drive necessary economic diversification. It leverages public and private infrastructure investment with investment in technology and innovation to support focused economic growth in agriculture, fisheries and tourism. The ECI is broken down into three components: a cross country network for

the Freetown international exports, gateway / New Lungi city, and technology and innovation investments. Preliminary figures estimate that these investments will reduce transportation costs for export by up to 90% and transport time by up to 75%. It will be driven and supported by internal government reforms to create the appropriate enabling framework.

### **Cross-country network for exports**





### **Technology and innovation**

Data for decisionmaking

Service delivery and citizen

engagement

Data systems and technology design

Ecosystem strengthening





### Freetown international gateway / New Lungi city

Lungi bridge



New airport terminal



Lungi hotel



Distribution centres



**Urban development** 



### **Duty-free importation**

New and existing businesses importing plants and machinery, excluding spare parts and general purpose vehicles, exclusively for their business operations (and not for resale), shall be entitled to duty free import for three years from the date of their first registration.

This shall apply:

- (a) in the case of a new business if the investment is at least \$10,000,000
- (b) in the case of an existing business if the investment is at least \$5,000,000 in expanding the business

### income tax exemption\*s

Any business registered in Sierra Leone and having, at least, 20% Sierra Leonean ownership shall be entitled to corporate tax exemption (a) For a period of 5

(a) For a period of years if its fulltime workforce

is at least 100 employees and minimum investment is \$5,000,000

(b) For a period of 10 years if its workforce is at least 150 employees and minimum investment is \$7,500,000.

Fish farms comprising at least ten fish ponds and measuring at least 200 square metres shall be exempted from income tax on:

(a)income derived from any fish farming activity; and (b) 50% of any dividend paid as a result of these activities, for a period of five years.

\*This provision on income tax exempt persons does not cover ratified Parliamentary agreements with the Government of Sierra Leone.



### SIERRA LEONE

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## **Invest in Fisheries**





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Presidential Advisor on Economic and Financial Policy idemby@statehouse.gov.sl



Ministry of Fisheries and Marine Resources www.mfmr.gov.sl

USD 10.5 billion 5.5% (proj 2019)



GDP (PPP)

Growth







Currency Leone Exchange rate
USD 1=SLL 8,500



Official language English



Climate Tropical Land area
7.2 million ha

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### The fisheries sector in Sierra Leone



12% of GDP



Local demand ~\$300 million



2<sup>nd</sup> most consumed food

80% of protein intake



35,000 fishermen

450,000 processers and traders



Coastline of 506 km

EEZ of 160,000 km<sup>2</sup>



Global fish market: \$118 billion

ECOWAS fish market: \$1.6 billion



200 fish species identified, 80 with commercial value

## Investment opportunities in fisheries





#### **Aquaculture**

Sierra Leone has a large potential for fish farming, with 690,000 ha of inland valley swamps suitable for aquaculture, as well as large areas of lakes and reservoirs. Shrimp and oyster farming in the coastline have also been shown to have potential. To develop the industry, investment in feeds and fingerlings for fish farming will be key.



#### Fish processing

The Government of Sierra Leone is keen to support investors who want to process fish in country instead of transhipping it. With the current development of the sector, especially in marine fish, there is a large opportunity in investing in processing facilities for exports and local consumption.

#### **Tuna fishing**

The catch of tuna in the EEZ of Sierra Leone is underexploited, with a large potential. Bonthe island in the South of the country is an attractive area to invest as its shores are less than 10km away from the limit of the continental shelf.

#### **Artisanal fishing**

The artisanal sector now caters for the export market as well as the local market. Artisanal fishermen need investments in boat production and boat maintenance, engines, net manufacturing, cold rooms, ice production, improved smoking facilities, etc.

#### import tax incentives for quality products

The importation of photo voltaic system equipment and low energy or energy efficient appliances for resale or use by third parties shall be duty free for a period of three (3) years starting from the date of investor must (a) invest a minimum of USD 500,000, (b) employ a minimum of 50 persons for that purpose, and (c) products must meet the relevant International Electrotechnical Commission (ICE) global standards.

Any business assembling stoves and cookers and importing or producing liquid petroleum gas shall be entitled to import duty free for a period of three (3) years.

For solar and other renewable energy related products, there is an import duty exemption for persons and institutions importing these items.

#### income tax exemption

Any business registered in Sierra Leone and having, at least, 20% Sierra Leonean ownership shall be entitled to corporate tax exemption

(a) For a period of 5 years if its fulltime workforce is at least 100 employees and minimum investment is \$5,000,000 (b) For a period of 10 years if its registration. To benefit, an workforce is at least 150 employees minimum investment and \$7.500.000.

### **Donor support**

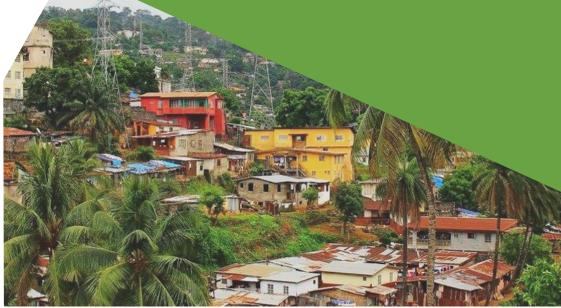
Some renewable energy projects may qualify for investment incentives, as part of donor-funding projects. Discussion will be undertaken with Ministry of Energy officials.



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## **Invest in Renewable Energies**





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GDP (PPP)

Growth

USD 10.5 billion 5.5% (proj 2019)







Currency Leone Exchange rate
USD 1=SLL 8,500



Official language English



Time zone

Climate Tropical Land area
7.2 million ha

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### Renewable energies in Sierra Leone



Vast (over 2000 MW) hydropower potential

High solar

radiation of 1400-

1800kWh/m

Good wind

potential: wind

Velocity 3-8 m/s av.



200MW current installed capacity



4 private mini-grid operators: over 60 mini grids installed, 40 further by 2020



Current RE pipeline projects top 700MW



Independent regulator and licensing



32 companies under national RE association

### Investment opportunities in renewable energy

#### **Commitment to Renewable Energy**

The Ministry of Energy has embarked on a new Rural Electrification Scheme aimed at providing electricity services to all provincial headquarter towns. 100 chiefdom towns are yet to be electrified, with GoSL preference for mini-grids for these towns. Longer-term, the 2030 target is to reach 80% share of renewables in the national energy mix.

### Pipeline of bankable projects

Moving away from reliance on diesel generation, there are live opportunities in the RE pipeline for investors, including mini- and large hydro projects, utility-scale solar and decentralised renewables (mini-grid and offgrid). Investment plans and prospectuses are available for interested parties.



#### Fast-growing off-grid market

Sierra Leone boasts a fast-growing market; 32 RE companies importing over 100,000 pico-PV and rooftop solar systems annually. Over 30% of the population (~2 million) are able to purchase these solutions. Up to 5 SL companies looking to raise US\$ 5 million in 2019 (equity and debt). Regional integration – Sierra Leone as Hub of Mano River Union

will open an exciting regional market.

Demand for production and captive RE
Businesses in Sierra Leone self-generate on
average 5.2 hours per day and there are
35,000 generators in use in-country.
Replacing these systems with clean energy
solutions in a huge investment opportunity.
The Government is also seeking renewable
energy investment to electrify public
institutions, to improve sector
financial sustainability.

#### Income tax deductions

Capital allowances on any asset utilized in the development of tourism shall be deducted from the profits or other income before tax in accordance with the law

#### Income tax exemptions

The income from any undertaking under tourism is exempt from income tax for a period not exceeding five (5) years from the commencement of operations, and, in value, not exceeding one hundred and fifty percent of the original capital invested.

Tax relief for the employment of expatriate staff for the purpose of tourism development may be obtained under the Payroll Tax Act.

The incentives shall apply –

- (a) In the case of the Western Area, if the hotel is to be a minimum of 50 ensuite bedrooms
- (b) In the case of the provinces, if the hotel is to be a minimum of 10 ensuite bedrooms.

Note – the incentive granted shall not be available to a night club, casino or restaurant, unless it is an integral part of an eligible hotel.

Hotels that are open to the public and are under renovation do not benefit from this corporate tax relief.



# SIERRA LEONE Your next partner in Africa

## **Invest in Tourism**





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National Tourist Board of Sierra Leone info@ntb.sl



GDP (PPP)

Growth USD 10.5 billion 5.5% (proj 2019)







Currency Leone

**Exchange rate** USD 1=SLL 8,500



Official language **English** 



Time zone **GMT** 

Climate Land area **Tropical** 7.2 million ha

### Why invest in Sierra Leone?

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### The tourism sector in Sierra Leone (2017)



4.5% of **GDP** 



Total jobs supported 45,500



Potential for growth (WTTC\*) 37<sup>th</sup>/185 countries



**Arrivals** 52,000





White sand beaches 570km



6h from Europe, 8h from USA,3h from Nigeria

### **Investment opportunities** in tourism







### Capitalise on momentum created by GoSL

The government has placed tourism as a priority for economic diversification, with important reforms underway for visas, airport fees and airport arrivals. Investment in infrastructure are planned. supporting GoSL's long term focuses on eco-tourism.

#### Bet on eco-tourism

Sierra Leone is endowed with beautiful, white sand beaches, all along the Freetown peninsula and further down the coast. Inland, lush tropical forests and wildlife, as well as supportive local communities. provide a beautiful offer for strategy for the sector that eco-tourism lodges and allinclusive adventure tours.

#### Showcase adventure and sports

Tourists are keen to discover the country's jungle and mountain hiking trails, its wildlife (chimpanzees, hippos, elephants, birdlife) and its underwater wrecks and marine life. Sports fishing is very popular, with one of the best marine ecosystem in the region.

