

**REPUBLIC OF RWANDA**



**NATIONAL COUNCIL FOR  
SCIENCE AND TECHNOLOGY**

**Grant Scheme: Rwanda Innovation Challenges (RIC)**

In line with NST-1 intervention to strengthening the national innovation capacity and promoting technology breakthroughs; NCST through the National Research and Innovation Fund (NRIF) has established a Rwanda Innovation Challenge programme to support thirty-six (36) innovation projects from youth, scientists, researchers and entrepreneurs. This program started implementing the incubation services in December 2020 and has a period of one year. The incubation services are provided to awardees by LEAP APPLIED RESEARCH LABS and PRC KIGALI PRIVATE CONSULTING COMPANY whereby they Coordinate, facilitate, and engage RIC beneficiaries in innovative activities that are geared towards improving their skills, developing commercially viable products, business formation, creating jobs, and ensuring overall societal impact.

<b>S/N</b>	<b>NAME OF AWARDEE</b>	<b>FUNDING/HOST INSTITUTION</b>
1.	<b><u>Names:</u></b> MR. BIZUMUREMYI JEAN CLAUDE  <b><u>Title:</u></b> Smart Menstrual Cycle Mentor Device	<b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee.
2.	<b><u>Name:</u></b> MR. TUYIZERE EMMANUEL  <b><u>Title:</u></b> Automatic Water Billing and Metering System	<b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee
3.	<b><u>Name:</u></b> MS. UWIMANA MARIEJOE  <b><u>Title:</u></b> Hyina Express	<b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee
4.	<b><u>Name:</u></b> MR. NDAYISABA WILSON	<b><u>Funding:</u></b>

	<p><b><u>Title:</u></b> Solar Electric Car For Goods Mobility</p>	Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee
5.	<p><b><u>Name:</u></b> MR. MANIRAGUHA MUHAMAD</p> <p><b><u>Title:</u></b> Urunigi Intelligent Menstrual Tracker</p>	<p><b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
6.	<p><b><u>Name:</u></b> MS. MUKANDAYISENGA BEATRICE</p> <p><b><u>Title:</u></b> Co-Composting (Solids Wastes And Faecal Sludge) By Using Natural Effective Micro-Organisms</p>	<p><b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
7.	<p><b><u>Name:</u></b> MR. IMANI BORA</p> <p><b><u>Title:</u></b> Smart Egg Incubator</p>	<p><b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
8.	<p><b><u>Name:</u></b> MR. IMANI BORA</p> <p><b><u>Title:</u></b> Tunga Farm App</p>	<p><b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
9.	<p><b><u>Name:</u></b> MR. NIYODUSENGA JEAN MARIE VIANNEY</p> <p><b><u>Title:</u></b> Climate Adaptive Solar Water Heater</p>	<p><b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
10.	<p><b><u>Name:</u></b> MR. MURWANASHYAKA CHRISTIAN</p>	<p><b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation</p>

	<p><b>Title:</b> Intelligence Agriculture And Analytics For Decision Support</p>	<p>services and 20% for supporting the awardee</p>
11.	<p><b>Name:</b> MR. HABIMANA NOHELI</p> <p><b>Title:</b> Hi-Tech Generation Window</p>	<p><b>Funding:</b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
12.	<p><b>Name:</b> MR. NIYIGENA ERNESTE</p> <p><b>Title:</b> Design And Development Of An Affordable Waste Water Treatment Technology In Rwanda And Production Of Energy From Sludge [Bio-Gas] Targeting Schools And Other Public Institutions</p>	<p><b>Funding:</b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
13.	<p><b>Name:</b> MR. BARAKA UWAYO ALAIN FABRICE</p> <p><b>Title:</b> Volta Irrigation</p>	<p><b>Funding:</b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
14.	<p><b>Name:</b> MR. NIYONKUNDA ERIC</p> <p><b>Title:</b> The Watermark Innovation</p>	<p><b>Funding:</b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
15.	<p><b>Name:</b> MS. UWASE MARIE AIMEE</p> <p><b>Title:</b> Potatoes' Seeds Incubator</p>	<p><b>Funding:</b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
16.	<p><b>Name:</b> MR. NIYONSHUTI ISRAEL</p>	<p><b>Funding:</b></p>

	<p><b><u>Title:</u></b> Adjustable Multi-Grain Seeding Machine</p>	Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee
17.	<p><b><u>Name:</u></b> MR. HABUMUGISHA EVARISTE</p> <p><b><u>Title:</u></b> Automatic Water Billing and Metering Manual Seeds Planting Machine system</p>	<p><b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
18.	<p><b><u>Name:</u></b> MR. MANATURIKUMWE EMMANUEL</p> <p><b><u>Title:</u></b> Modern Kitchen Garden</p>	<p><b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
19.	<p><b><u>Name:</u></b> MS. TUMUKUNDE CLARISSE</p> <p><b><u>Title:</u></b> Use Of Cyanobacteria In The Manufacturing Of Cement Like Materials And Fertilizers</p>	<p><b><u>Funding:</u></b> Ten Million Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
20.	<p><b><u>Name:</u></b> MR. IRADUKUNDA JULES</p> <p><b><u>Title:</u></b> Companionapp</p>	<p><b><u>Funding:</u></b> Ten Millions Rwanda Francs (10,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
21.	<p><b><u>Name:</u></b> MR. IGIHOZO DIDIER</p> <p><b><u>Title:</u></b> Tutor Inspection System</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
22.	<p><b><u>Name:</u></b> MR. TUYIZERE EMMANUEL</p> <p><b><u>Title:</u></b> Vehicle Pollution Restricting System</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>

23.	<p><b><u>Name:</u></b> MR. NIYIGENA CLEMENT</p> <p><b><u>Title:</u></b> Automatic LPG Accident Protection System</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
24.	<p><b><u>Name:</u></b> MR. KAMALI JEAN DE DIEU</p> <p><b><u>Title:</u></b> Design And Fabrication Of Mechanically Operated Single Wheel Driven Sprayer Pump</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
25.	<p><b><u>Name:</u></b> MS. BAHATI ODETTE</p> <p><b><u>Title:</u></b> Improving Food Safety And Aflatoxin Prevention Through Commercialization Of Drycard™, A Low –Cost Device To Test Food Dryness And Prevent Mold Growth On Food Grains</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
26.	<p><b><u>Name:</u></b> MR. MUSABIREMA ALEXIS</p> <p><b><u>Title:</u></b> Rwanda Cricket Farming Project</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
27.	<p><b><u>Name:</u></b> MR. NSHIMIYIMANA REVOCATE</p> <p><b><u>Title:</u></b> Chick Sex Control Incubator</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
28.	<p><b><u>Name:</u></b> MR. NSEKUYE JEAN BOSCO</p> <p><b><u>Title:</u></b> NJB-Electrodanes: Speed Bumps Which Produce Electrical Energy</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
29.	<p><b><u>Name:</u></b> MR. BAVAKURE PIERRE CLAVER</p>	<p><b><u>Funding:</u></b></p>

	<p><b><u>Title:</u></b> Production of Urea Molasses Multi-Nutrient Block ( UMMB)</p>	Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee
30.	<p><b><u>Name:</u></b> MR. TWAGIRIMANA JEAN CLAUDE</p> <p><b><u>Title:</u></b> Solar-Powered Self-Traveling Irrigation Machine</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
31.	<p><b><u>Name:</u></b> MS. UWANYIRIGIRA JEANNETTE</p> <p><b><u>Title:</u></b> Processing Of Vinegar From Pineapple Peels</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
32.	<p><b><u>Name:</u></b> MR. KAGINA DIEUDONNE</p> <p><b><u>Title:</u></b> Irrigating Sky Travelling Prayer</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
33.	<p><b><u>Name:</u></b> MR. MURENGERA BYIRINGIRO JUSTIN</p> <p><b><u>Title:</u></b> Farm-Link</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
34.	<p><b><u>Name:</u></b> MR. MUTSINZI JEAN NEPOMUSCENE</p> <p><b><u>Title:</u></b> Institutional Water Treatment Unit</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
35.	<p><b><u>Name:</u></b> MR. NSHIMIYIMANA OLIVIER</p> <p><b><u>Title:</u></b> Landfill Gas To Energy Facility At The Nduba Landfill Site, Kigali City</p>	<p><b><u>Funding:</u></b> Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
36.	<p><b><u>Name:</u></b> MR. NSABIMANA ANACLET</p>	<p><b><u>Funding:</u></b></p>

	<p><b><u>Title:</u></b> Magnetic Charcoal As An Adsorbent Of Organic And Inorganic Pollutants For Water Treatment</p>	<p>Five Millions Rwanda Francs (5,000,000 RWF) including 80% for incubation services and 20% for supporting the awardee</p>
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