

## COMMUNICATION ON ENGAGEMENT (COE)

Tanzania Industrial Research and Development Organization (TIRDO); P.O. Box 23235, Dar es Salaam, TANZANIA

Tel: +255 22 2668822; Fax: +255 22 2666034; Mobile: +255 766 771056

E-mail: info@tirdo.or.tz, luganowilson@gmail.com

### Period covered by this Communication on Engagement

From: 2020

To: 2022

### Part I. Statement of Continued Support by the Chief Executive or Equivalent

Please use the box below to include the statement of continued support signed by your organization's Chief Executive or equivalent.

To our stakeholders

I am pleased to confirm that Tanzania Industrial Research and Development Organization (TIRDO) reaffirm its support to the United Nations Global Compact and its Ten Principles in the areas of Human Rights, Labour, Environment and Anti-Corruption. This is our Communication on Engagement with the United Nations Global Compact. We welcome feedback on its contents.

In this Communication of Engagement, we describe the actions that our organization has taken to support the UN Global Compact and its Principles as suggested for an organization like ours. We also commit to sharing this information with our stakeholders using our primary channels of communication.

Sincerely yours,



Lugano Wilson, Lic. (Eng.); Ph.D. (Energy)  
**DIRECTOR OF ENGINEERING DEVELOPMENT**

## Part II. Description of Actions

Please use the box below to describe the actions your organization has taken in support of the Global Compact. It is strongly recommended that the actions taken are related to one or more of the specific activities suggested. *Please refer to the complete list of suggested activities for your type of organization found [here](#).*

In the reporting period, TIRDO has been active in implementing the Sustainable Development Goals (SDGs) in following areas, which are within the mandate of its establishment:

GOAL		INTERVENTION BY TIRDO
1	No poverty	Food and Microbiology Division * Post harvest reduction through development of agro processing technologies
2	Zero hunger	
6	Clean water	Accredited laboratory with Food and Microbiology Division * Potable water analysis
7	Affordable and clean energy	Energy Technologies Division (Energy Management Centre) * Energy Management services to industries, commercial centres, and households) * Energy materials analytical services
9	Industry, innovation and infrastructure	* Research and development activities * Skills development to industrialists * Services to industries
13	Climate action	Environmenta and Occupational Health Division * Environmental and social impact assessment (ESIA) * Environmental auditing to industries * Advisory services to Government and community * Capacity building (training)

### Part III. Measurement of Outcomes

Please use the box below to include the most relevant qualitative and/or quantitative indicators to measure the outcome of the activities described in Part II above.

As a result of TIRDO engagement in supporting the Global Compact, following are the main outcomes:

- i. Establishment of Energy Efficiency Strategy for Tanzania
- ii. Undertook environmental auditing to industries (annual contracted auditing and adhoc works)
- iii. Performed environment and social impact assessment to new projects (various)
- iv. Performing energy auditing to industries (various)
- v. Is a consultant to industrial establishments which will see positive impact to employees and government revenue
- vi. Undertaking food and microbiology services to industries, hotels and industries
- vii. Designed and disseminated post harvesting technologies for improvement of food security e.g. solar dryers for grains and vegetables
- viii. Undertaking materials testing through non-destructive and destructive testing
- ix. Participated in international linkages with respect to science and technology and environmental sustainability under the COMSATS
- x. Has established the COMSATS Centre for Climate and Sustainability (CCCS)
- xi. Through students' attachments and students' projects, TIRDO has trained young scientists and engineers in its areas of mandate to include environment, food science and engineering, energy, engineering and information technology
- xii. Demonstrated cleaner technologies, products and processes through pavilions and tailored projects
- xiii. Has developed and continuing to produce a herbal formulation (COVIDOL) for combating the covid-19
- xiv. Has branded and produced alcohol based hand sanitizer for combating the covid-19