Terms of References (ToRs)
“SDG Innovation Challenge- Pakistan”

Development of Reporting Mechanism on SDG 12 (Responsible Consumption and Production)

1. GENERAL

Established in 1970, World Wide Fund for Nature, Pakistan (WWF-Pakistan) is the largest conservation organisation in Pakistan that works with communities, government, civil society, international organisations, industries and corporate entities towards the conservation of the environment and improving the management of Pakistan’s natural resources. As part of its mission, WWF-Pakistan is implementing different projects in industrial sector such as International Labour & Environmental Standards Application in Pakistan’s SMEs (ILES) & SDG Innovation Challenge-Pakistan for addressing challenges in SDG reporting.

This document contains the Terms of Reference (TOR) for the Consultant, to be engaged by WWF- Pakistan (hereinafter called the Employer), for the development of Reporting mechanism against selected indicators of SDG 12 (Responsible Consumption & Production) (herewith called assignment) under the project titled “SDG Innovation Challenge-Pakistan”.

2. OBJECTIVES AND SCOPE

The primary objective of this assignment is to pilot a data reporting mechanism, against selected indicators of SDG 12, from private to public sector. The selected targets of SDG 12 that are of concern include; 12.2 (By 2030, achieve the sustainable management and efficient use of natural resources), 12.4 (By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment) and 12.6 (Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle).

Since, the Sustainable Development Goals (SDGs) provide a roadmap for the progress of any country, however the developing nations lack on the reporting against several indicators. Same is the case in Pakistan in which, there seems lack of data on SDG global index against SDG-12 indicators. Whereas, private sector is doing a lot of good work on best practices but their efforts go unnoticed due to absence of any reporting mechanisms against SDG indicators.

This project is intended to develop a dashboard at a pilot scale to assess the alignment of contributions of private sector (textile industry in this case) with SDG 12 (Responsible Consumption & Production). In this regard, a textile enterprise is taken on-board for providing data against their good practices. This data will then be integrated into the sketched format for reporting and then presented to Ministry of Climate Change (MOCC) for acknowledgement and processing into the SDG Dashboard Portal at Federal level.

This pilot would represent a good example and a set of guidance for other private sector enterprises/organizations to share their information on good practices through the dashboard. In return, this portal will indicate the progress of the enterprises/organizations with
the specific Sustainable Development Goals (SDGs) targets, ultimately facilitating in tracking progress on SDGs in Pakistan.

The specific scope of this assignment is:

- Developing a sustainable manufacturing/circular economy framework for industrial sector in Pakistan which can be provided to industries that aim to improve their sustainability performance.
- Mapping of stakeholders, both public and private.
- Designing a format including the baselines, units etc for reporting against selected indicators of SDG 12.
- Developing a web-based secure portal accessible for public and private sector indicating data from textile enterprise on resource efficiency (water stewardship, energy efficiency and safe management of chemicals etc.).
- Consulting National Action Plan for SDG 12 for developing baselines for selected indicators.
- Designing various key performance indicators (KPIs) for industrial sector which can be seamlessly integrated to Clean Green Pakistan (CGP) dashboard.
- Developing a framework that would be conceptual in nature and through an iterative process of 1-2 years (after the project completion), a performance analysis to be carried out to improve the framework.

3. DELIVERABLES

The deliverables of assignment includes:

i. Piloting a data reporting mechanism.
ii. Developing a secure web-based dashboard.
iii. Comprehensive literature review of policy documents, journal papers and books to select indicators for SDG 12.2, SDG 12.4 and SDG 12.6.
iv. Selection of economic, environmental and social sustainability indicators that are equally applicable to small- and medium-scale industries for the IT-based dashboard.

v. Delivering a presentation based on framework.
vi. Developing a training package for users and admin.

vii. Providing training to Stakeholders on use of portal.

viii. Delivering a presentation to brief the key stakeholders on the subject matter.
ix. Sharing of all gathered raw data/codes with WWF-Pakistan.

x. Drafting and submitting an initial concept paper/proposal, as a way forward, at the end of the project.
The deliverables will be finalized after repeated consultations between the Consultant and Employer.

4. EXPERTISE AND COMPETENCIES REQUIRED

Consultant / Team of Consultants must fulfil the following selection criteria:

• **Education**: Post Graduate/Master degree in Environmental Sciences/Engineering and Software development.

• **Experience**: Experience of 5 – 7 Years in Environmental Sciences/Engineering, Industry & Sustainability, Prior experience on Software Development for Environmental Compliance like Higg FEM, SMART, SDGs will be given an edge.

• **Knowledge and Skills**: Reporting Mechanism on Sustainable Development Goals (SDGs).

5. TIME FRAME

The consultancy will be undertaken over a period of four (04) months. Work will commence immediately after the conclusion of agreement.