

# LRQA Attestation Statement

BS 8001:2017 Attestation Statement  
for PTT Global Chemical Public Company Limited

## Terms of Engagement

Lloyd's Register Quality Assurance Ltd. (LRQA) was engaged by PTT Global Chemical Public Company Limited (GC) to review GC's enterprise-wide Operational Excellence Management System ("the GCMS")<sup>1</sup> and an example of implemented circular economy models, namely Upcycling the Oceans, Thailand ("the UTO project") during 2017-2019 against the principles of the circular economy as guidance in BS 8001:2017.

## Management Responsibility

GC's management was responsible for maintaining the GCMS and UTO project's related information. LRQA's responsibility was to carry out an assurance engagement on the GCMS and UTO project's information in accordance with our contract with GC. Ultimately, the GCMS and UTO project's information remain the sole responsibility of GC.

GC established the UTO project in corporation with Tourism Authority of Thailand (TAT) and ECOALF Foundation to demonstrate circular economy business model prototype.

## LRQA's Opinion

Based on LRQA's approach, it is our opinion that the GCMS documentations and activities of the UTO project was aligned with the principles of the circular economy as guidance in BS 8001:2017.

The opinion expressed is formed on the basis of a limited level of assurance. Consistent with this level of assurance, and the approach described above, the assurance is not intended to replace or otherwise be considered compliance with BS 8001:2017, as not the purpose of this guidance.

## LRQA's Approach

The review of GC's GCMS documentations and UTO project were undertaken between April to June 2020 using a team of LRQA's data and information lead verifier. In order to form our conclusions, the assurance was carried out as following activities:


- A review of the high level GCMS documentations to confirm that all principles of BS 8001:2017 had been addressed;
- A review of the data and information related to activities of UTO projects that the 6 principles of BS 8001:2017 had been addressed;
- Interviews with key persons at the corporate level responsible for designing and monitoring of the UTO project' activities within GC's role.

<sup>1</sup>GC Management System (GCMS) is a formalized system which documents processes, procedures and responsibilities in order to drive its performance toward industry's leader, provides excellence service to customers, minimizes loss and protects the workforce and environment. GCMS is established at the GC corporate level for deployment throughout GC's operations. Only GC organizations adhering to this management system are included in this attestation.

## Observations

Observations,

- GC should ensure that value and impact evaluations be addressed throughout value chain in the further project(s) and/or process(es) to demonstrate organization's stewardship in circular economy business model.
- GC should enhance collaboration with the stakeholders throughout engagement process in all steps i.e. upscale project and/or process(es). This will also improve level of engagement as well as the economic and environment values to all stakeholders.



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LRQA Reference: BGK00000496

Dated: 5 June 2020



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