



KPMG Phoomchai Audit Ltd.  
50<sup>th</sup> Floor, Empire Tower,  
1 South Sathorn Road, Yannawa  
Sathorn, Bangkok 10120, Thailand  
Tel +66 2677 2000  
Fax +66 2677 2222  
Website kpmg.com/th

บริษัท เคพีเอ็มจี ภูมิภาคไทย สอบบัญชี จำกัด  
ชั้น 50 เอ็มไพร์ทาวเวอร์  
1 ถนน สาทรรใต้ แขวงยานนาวา  
เขตสาทร กรุงเทพฯ 10120  
โทร +66 2677 2000  
แฟกซ์ +66 2677 2222  
เว็บไซต์ kpmg.com/th

# Independent limited assurance report

To the Directors of PTT Public Company Limited (“PTT”)

## Conclusion

Based on the procedures performed, as described below, nothing has come to our attention that causes us to believe that the selected subject matters (“Subject Matters”) identified below and included in the 56-1 One Report 2021 (the “Report”) or referred to in the Report by way of hyperlinks to PTT’s corporate website (“the Website”), for the year ended 31 December 2021, together with the disclosures regarding their adherence to the three AccountAbility Principles of Inclusiveness, Materiality and Responsiveness under AA1000APS (2018), and reliability of Subject Matters, are not, in all material respects, prepared in compliance with the reporting criteria (the “Criteria”).

## Our Responsibilities

We have been engaged by PTT and are responsible for providing a limited assurance conclusion in respect of the Subject Matters for the year ended 31 December 2021 to be included in the Report and the Website as identified below.

Our assurance engagement is conducted in accordance with the International Standard on Assurance Engagements ISAE 3000 *Assurance Engagements other than Audits or Reviews of Historical Financial Information* and ISAE 3410 *Assurance on Greenhouse Gas Statements*. We have also conducted our engagement in accordance with the Accountability Assurance Standard of Sustainability AA1000AS (2008) at moderate level that corresponds to a limited assurance as per ISAE 3000 with a Type 2 engagement, which covers not only the nature and extent of the organisation’s adherence to the AA1000APS (2018), but also evaluates the reliability of Subject Matters as indicated below. These standards require the assurance team to possess the specific knowledge, skills and professional competencies needed to provide assurance on sustainability information, and that we plan and perform the engagement to obtain limited assurance on whether the Subject Matters are prepared, in all material respects, in compliance with the Criteria. We have complied with the independence and other ethical requirements of the International Ethics Standards Board for Accountants’ *International Code of Ethics for Professional Accountants (including International Independence Standards)* (IESBA Code), which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behavior. The firm applies International Standard on Quality Control 1 and accordingly maintains

a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

We have not been engaged to provide an assurance conclusion on any other information disclosed within the Report and the Website.

## Subject Matters

Subject Matters comprised of the following data expressed numerically or in descriptive text for the year ended 31 December 2021:

- GRI 302-1 Energy consumption within the organization
- GRI 302-3 Energy intensity
- GRI 303-3 Water withdrawal (2018)
- GRI 303-4 Water discharge (2018)
- GRI 305-1 Direct (Scope 1) GHG emissions
- GRI 305-2 Energy indirect (Scope 2) GHG emissions
- GRI 305-3 Other indirect (Scope 3) GHG emissions
- GRI 305-4 GHG emissions intensity
- GRI 305-7 Nitrogen oxides (NO<sub>x</sub>), Sulphur oxides (Sox), and other significant air emissions (Volatile Organic Compounds: VOCs)
- GRI 306-3 Waste generated (2020)
- GRI 306-4 Waste diverted from disposal (2020)



- GRI 306-5 Waste directed to disposal (2020)
- GRI 306-3 Significant Spills (2016)
- GRI 403-9 Work-related injuries (2018)
- GRI 403-10 Work-related ill health (2018)
- GRI 404-1 Average hours of training per year per employee
- GRI 405-2 Ratio of basic salary and remuneration of women to men
- GRI 201-1 Direct economic value generated and distributed – Community Investment
- OGSD – OG4 Number and percentage of significant operating sites in which biodiversity risk has been assessed and monitored
- OGSD – OG6 Volume of flared and vented hydrocarbon
- OGSD – OG13 Number of process safety events, by business activity

#### **Criteria**

The Subject Matters were assessed according to the following criteria:

- The Sustainability Reporting Standards of the Global Reporting Initiative (“GRI Standards”);
- The Oil and Gas Sector Disclosures (“OGSD”) of the Global Reporting Initiative; and
- AA1000 AccountAbility Principles Standard (2018) (“AA1000APS (2018)”).

#### **Directors’ and management’s responsibilities**

The directors and management of PTT are responsible for the preparation and presentation of the Subject Matters, specifically ensuring that in all material respects the Subject Matters are prepared and presented in accordance with the Criteria. This responsibility also includes the internal controls relevant to the preparation of the Report and the Website to ensure they are free from material misstatement whether due to fraud or error.

#### **Procedure performed**

In forming our limited assurance conclusion over the Subject Matters, our procedures consisted of making enquiries and applying analytical and other evidence gathering procedures including:

- Interviews with senior management and relevant staff at corporate and operating sites;
- Inquiries about the design and implementation of the systems and methods used to collect and process the information reported, including the aggregation of source data into the Subject Matters;

- Inquiries about managements practices and procedures related to identifying stakeholders and their expectations, determining material sustainability matters and implementing sustainability policies and guidelines;
- Remote site visit to 3 sites; Khanom Gas Separation Plant, Khao Bo Ya Gas Terminal, and Region 11 Pipeline Operations Center, selected on the basis of risk analysis including the consideration of both quantitative and qualitative criteria;
- Agreeing the Subject Matters to relevant underlying sources on a sample basis to determine whether all the relevant information has been included in the Subject Matters and prepared in accordance with the Criteria.

The procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for, a reasonable assurance engagement and consequently the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed. Accordingly, we do not express a reasonable assurance opinion.

#### **Inherent limitations**

Due to the inherent limitations of any internal control structure it is possible that errors or irregularities in the information presented in the Report and the Website may occur and not be detected. Our engagement is not designed to detect all weaknesses in the internal controls over the preparation and presentation of the Report and the Website, as the engagement has not been performed continuously throughout the period and the procedures performed were undertaken on a test basis.

#### **Restriction of use of our report**

Our report should not be regarded as suitable to be used or relied on by any party wishing to acquire rights against us other than PTT, for any purpose or in any other context. Any party other than PTT who obtains access to our report or a copy thereof and chooses to rely on our report (or any part thereof) will do so at its own risk. To the fullest extent permitted by law, we accept or assume no responsibility and deny any liability to any party other than PTT for our work, for this independent limited assurance report, or for the conclusions we have reached.

**KPMG Phoomchai Audit Ltd.**

Bangkok

7 March 2022