



PwC Thailand Transparency Report 2022

December 2022



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Message from leadership

Welcome to our 2022 Transparency Report

At PwC, our purpose is to build trust in society and solve important problems. We're a network of firms in 152 countries with more than 327,000 people who are committed to delivering quality in assurance, advisory and tax services. We are committed to driving a strong culture of quality and excellence that is core to our purpose.

PwC's approach to building trust is designed to meet rising expectations of transparency, accountability and stakeholder engagement. It combines expertise in audit, tax and compliance activities with a drive to expand specialist capabilities in areas such as cybersecurity, data privacy, Environmental, Social & Governance (ESG) and Artificial Intelligence (AI). It also recognises the importance of quality – and that reporting and compliance represent just one link in a chain that includes organisational culture, executive mindset, aligned standards, certified professionals, stringent controls, tailored technologies and appropriate governance.

Similar to building trust, delivering sustained outcomes requires us to work in an integrated way. Instead of taking a traditional technology-driven approach to transformation, PwC focuses on the outcomes that our efforts are seeking to achieve. To deliver the agreed outcomes, we mobilise our expertise in areas that include – among many others – strategy, digital and cloud services, value creation, people and organisation, tax, sustainability reporting, deals, business recovery services, legal and compliance.

In June 2021, we unveiled The New Equation, PwC's landmark global strategy which responds to fundamental changes in the world, including technological disruption, climate change, fractured geopolitics, and the effects of the COVID-19 pandemic. The New Equation is based on analysis of global trends and thousands of conversations with clients and stakeholders. It builds on more than a decade of sustained revenue growth and continued investment. The New Equation focuses on two interconnected needs that our clients will face in the coming years. The first is to build trust, which has never been more important, nor more difficult. The second is to deliver sustained outcomes in an environment where competition and the risk of disruption are more intense than ever and societal expectations have never been greater.

As part of The New Equation strategy the PwC network is making an incremental US\$3bn investment in quality.

Chanchai Chaiprasit

Chairman & CEO



This includes investment in a multi-year programme to deliver a new audit ecosystem – human-led, tech-powered and data-driven. It will enable us to make continuous improvements to audit quality by further standardising, simplifying, centralising and automating our audit work, transforming the experience for our clients and our people.

For more information on The New Equation, please see <https://www.pwc.com/gx/en/>

To align with the PwC network strategy, we are continually investing in people, innovation and technology. Our people are key to high quality audits and we draw upon a wide range of specialist skills across our multidisciplinary practice. Therefore, we invest in our people by providing ongoing professional and personal development, with in-depth training. To meet constantly changing audit challenges in a digital age and enhance our audit quality, we invest in innovation and new technology to support our services and invest in technical support resources to help build a strong System of Quality Management (SoQM).

The favourable results of reviews and inspections suggest that effective pre-issuance reviews through the Real Time Assurance (RTA) programme have helped us to maintain audit quality so we've increased time and resources on this programme this year. The leadership also utilises key indicators and measurements in monitoring audit quality which allows us to take actions in a timely manner.

This report provides information about our SoQM, transparency data points and how we've delivered on our audit quality objectives. It also gives valuable insight into our systems and processes, which are designed to ensure the quality of our services and demonstrate our commitment to our purpose: to build trust in society and solve important problems.

I would like to thank our partners, our people and our clients for their support and contribution in 2022. I hope that we continue to work together to achieve sustainable quality outcomes that benefit each of us.

Message from our Assurance Leader

Delivering quality work is core to everything we do. Quality at PwC is about much more than complying with standards, policies and regulations, it's about being recognised by stakeholders for delivering quality services and keeping the commitments we've made. It is the bedrock of building trust in society and delivering sustained outcomes. We consistently work together to deliver quality, independence, excellence and integrity for all of our clients – from delivering quality work that helps our clients build trust to applying a deep and broad understanding of our clients' businesses and the environment in which they operate to drive sustained outcomes.

As auditors, we're also acutely aware of another trust driver: the quality of our external audits. That's why we're pleased to present our Transparency Report for 2022, which shows how we maintain quality in our audit work and comply with the requirements of the new Thai Standard on Quality Management (TSQM) 1. The report describes our policies, systems and processes for ensuring quality, the results of key quality monitoring programmes and reviews, and the way we foster a culture of quality at every level of the firm.

The new and updated auditing standards released by the International Auditing and Assurance Standards Board (IAASB) set out higher requirements for the audit profession, and they are driving us to change how we work in the future. We're always exploring potential improvements, ranging from reinforcing our culture of independence to implementing new technologies that help us to deliver more effective and efficient audits. We have invested significant time and resources to maintain and continually enhance quality. As a result of these efforts, we've seen continued positive impact on our review and inspection results.



Maintaining audit quality

We've implemented the quality management dashboard for a number of years and it is a key tool in the ongoing monitoring and improvement of our SoQM. The dashboard includes a set of performance measures which the leadership team can use for monitoring audit quality. The analysis of results provide timely, meaningful information and valuable insights into audit quality factors which allow the leadership to identify potential risks to quality early, to predict quality issues and take rapid actions. The results of some key quality performance measures are disclosed in this report.

The importance of quality is reflected in the evaluation, recognition and accountability of relevant partners and leadership teams. Audit quality is an important factor in performance evaluation and career progression decisions for both partners and staff.

Quality outcomes require the right culture, tone from the top, and a comprehensive SoQM. When we don't meet our quality standards, we learn from it, hold ourselves accountable, and work to get better. We constantly look for ways to enhance the quality of our work while meeting and seeking to exceed the expectations of our stakeholders. We're pleased with the outcomes of the SEC inspection to date as we're able to retain overall 'Excellent' rating for a number of years. Our 2021 inspection results was an 'Excellent' rating in all quality elements which confirms that we're moving in the right direction on our quality journey.

Our quality management system

We've continued to maintain our quality management through the QMSE framework which complies with the requirements of TSQM 1. The QMSE framework provides a basis for us to develop a dynamic risk-based SoQM to achieve the overall Assurance quality objective which is to have the capabilities to consistently meet the expectations of our clients and other stakeholders. This includes making sure that there is reasonable assurance that the firm and its personnel comply with professional standards, laws and regulations and issue appropriate reports in the given circumstances.

Commitment to quality in challenging times

This past year has seen incredible challenges directly affecting stakeholders in unexpected ways: for example, continued impacts of the COVID-19 pandemic during the first half of 2022, war in Ukraine, increased droughts and flooding, supply chain uncertainty and inflation. In the face of challenging circumstances, we have not lost focus on delivering quality while focusing on the safety and support of our people. Our people continue to take pride in delivering high-quality audits, working with our clients with the right technology, skills and processes in the midst of significant crises. We acted quickly by providing guidance to our engagement teams so that they can manage their audits to consider key aspects of audit quality including accounting, methodology and reporting.

I'm proud of what we've achieved so far on our quality agenda and I welcome the increased public focus on audit quality, and the dialogue with audit committees, boards, regulators and standard-setters for the role auditors can play to increase the level of confidence in financial and nonfinancial reporting. I hope that this Transparency Report can help build trust with the public in our commitment to audit quality.



**Amornrat
Pearmpoonvatanasuk**

Assurance Leader

Year in review

Supervision and Review

Partners & Managers to staff ratio (FY22)

1 to 3.8

Work Experience:
Average years of experience (FY22)

26

Years for Partners

4

Years for staff

Technical support

Ratio of partners serving in technical support roles to the total number of audit partners

FY22

1: 10.4

FY21

1: 8.9

FTE in technical resources

FY22

24.9

FY21

27.5

2021 PCAOB inspection report

Number of audit quality reviews performed by the PCAOB and results

3

Audits inspected

1

Audit with findings raised by PCAOB

Monitoring of Quality at engagement level

Number of assurance quality reviews

FY22

12

Assurance engagements Inspected (including NAAE)

0

Non-Compliant

FY21

12

Assurance engagements Inspected (including NAAE)

0

Non-Compliant

Number of RTA completed

FY22: 34 Assurance engagements (including NAAE)

FY21: 35 Assurance engagements (including NAAE)

10 findings

Quality findings identified and remediated

2022 SEC Inspection



Overall results:

No quality findings or observations*

* In 2022 PwC Thailand was subject to desktop inspection. Therefore, no overall assessment or firm inspection report was issued by the Thai SEC



Year in review

Skills

Mandatory training attendance

100%

of partners and staff attended all mandatory training in FY22

Assurance Training FY22

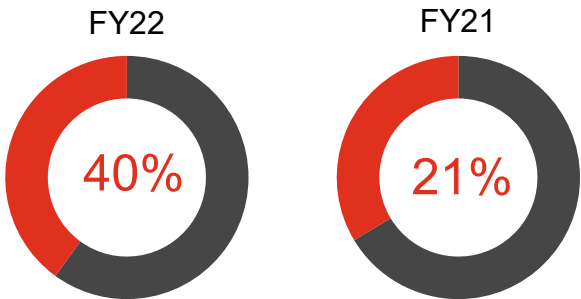


Assurance Training FY21



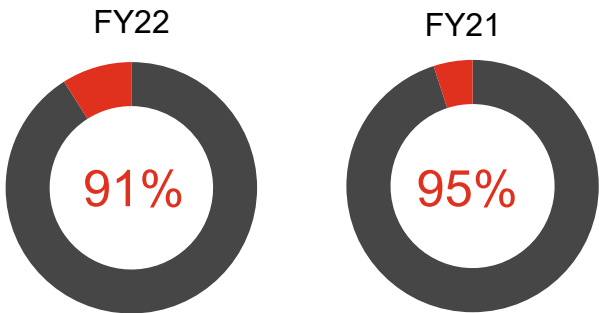
People

Staff turnover rate



Partner and staff survey

% of our staff and partners participated in the Global People Survey (GPS)



Highlights from the 2022 PwC Global People Survey

I am proud to work at PwC



The people I work with demonstrate conduct consistent with PwC's Global Code of Conduct



The feedback and coaching I receive allows me to make immediate improvement in my performance



PwC network



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PwC network

Global network

PwC is the brand under which the member firms of PricewaterhouseCoopers International Limited (PwCIL) operate and provide professional services. Together, these firms form the PwC network. 'PwC' is often used to refer either to individual firms within the PwC network or to several or all of them collectively. In many parts of the world, accounting firms are required by law to be locally owned and independent. The PwC network consists of firms which are separate legal entities.

PricewaterhouseCoopers International Limited

Firms in the PwC network are members in, or have other connections to, PwCIL, an English private company limited by guarantee. PwCIL doesn't practise accountancy or provide services to clients. Rather its purpose is to act as a coordinating entity for member firms in the PwC network. Focusing on key areas such as strategy, brand, risk and quality, PwCIL coordinates the development and implementation of policies and initiatives to achieve a common and coordinated approach amongst individual member firms where appropriate. Member firms of PwCIL can use the PwC name and draw on the resources and methodologies of the PwC network. In addition, member firms may draw upon the resources of other member firms and/or secure the provision of professional services by other member firms and/or other entities. In return, member firms are bound to abide by certain common policies and to maintain the standards of the PwC network as put forward by PwCIL.

The PwC network isn't one international partnership. A member firm can't act as agent of PwCIL or any other member firm, can't obligate PwCIL or any other member firm, and is liable only for its own acts or omissions and not those of PwCIL or any other member firm. Similarly, PwCIL can't act as an agent of any member firm, can't obligate any member firm, and is liable only for its own acts or omissions. PwCIL has no right or ability to control a member firm's exercise of professional judgement.

The governance bodies of PwCIL are:



Global Board, which is responsible for the governance of PwCIL, the oversight of the Network Leadership Team and the approval of network standards. The Board doesn't have an external role. The Board is comprised of 20 members. Two are appointed as external, independent directors, and the other 18 Board members are elected by partners from PwC firms around the world every four years.



Network Leadership Team, which is responsible for setting the overall strategy for the PwC network and the standards to which the PwC firms agree to adhere.



Strategy Council, which is made up of the leaders of the largest PwC firms and regions of the network, agrees on the strategic direction of the network and facilitates alignment for the execution of strategy.



Global Leadership Team is appointed by and reports to the Network Leadership Team and the Chairman of the PwC network. Its members are responsible for leading teams drawn from member firms to coordinate activities across all areas of our business.



“

Delivering quality audits is absolutely core to our purpose. Our audit quality is built on having the right culture and the right people, supported by effective methodologies, processes and technology”

Chanchai Chaiprasit

Chairman & CEO

“PwC has continued to maintain an excellent level of quality control system” – Thailand SEC

Thailand's SEC again awarded us a quality control rating of 'Excellent' following 2021 inspection. The inspection report issued in October 2021 cites PwC Thailand as consistently maintaining an excellent rating for our quality control system in all elements of ISQC1.

It states that we achieve this by having good tone at the top which focuses on quality and compliance with ethical requirements. We've also continuously maintained our quality control system which allows PwC to:

- recruit the right people,
- deliver adequate training to our people,
- manage client selection,
- use technology to increase audit effectiveness,
- have detective ongoing monitoring in place to ensure that partners and staff follow the firm's policies and procedures,
- embed quality in the performance evaluation of partners and staff to create a quality culture.

The 2022 SEC Inspection did not identify any findings or observations which warranted written comments on our quality control system. Due to the desktop inspection scope, no formal written report was issued by the SEC.

We continuously apply the recommendations from Thailand's SEC in our Quality Improvement Plan.

Our approach to quality



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Our approach to quality



Definition and culture

At PwC, we define quality service as one that consistently meets the expectations of our stakeholders and which complies with all applicable standards and policies. An important part of delivering against this quality definition is building a culture across a network of 327,000 people that emphasises that quality is the responsibility of everyone, including 1,559 people in PwC Thailand. Continuing to enhance this culture of quality is a significant area of focus for our global and local leadership teams and it plays a key part in the measurement of their performance.



Investment in quality

The quality of our work is at the heart of our organisation and we invest significant and increasing resources to continuously enhance quality across all of our businesses. This investment is targeted at many different areas, including training, adding resources in technical support functions and exploring new ways of delivering our work. Training covers a wide-range of topics such as accounting technical skills, ethics and behaviour, methodologies, technologies, digitalisation and soft skills.

Each investment reflects the same determination to understand the factors that drive quality and identify opportunities for enhancement. We are also investing heavily in new technology to continuously improve our capabilities and the efficiency of all of our services.

Delivering service of the highest quality is core to the firm's purpose and our assurance strategy. PwC Thailand has established a quality management framework which is stringently in line with regulations and obligations. Protecting personal and client data is fundamental to the way that we operate as a firm. Handling data correctly and securely is an obligation that applies to all partners, staff and contractors of PwC Thailand.

To comply with our legal obligations, protect personal data and encourage the proper handling and use of other data, including confidential information, we have implemented systems, designed processes and invested in security so that all data held by PwC Thailand is appropriately safeguarded. We also leverage our Network Information Security (NIS) framework, services and technologies for the protection of data.



Measurement and transparency

Each PwC firm – as part of the agreement by which they are members of the PwC network – is required to have in place a comprehensive SoQM, to annually complete a SoQM performance assessment, and to communicate the results of these assessments to global leadership. These results are then discussed in detail with the leadership of each local firm and if they are not at the level expected, a remediation plan is agreed with local leadership taking personal responsibility for its successful implementation.

As our services change and develop, and the needs and expectations of our stakeholders also change, we continually review and update the scale, scope and operations of our SoQM and invest in programmes to enhance the quality of our services.

Knowing how important the tone at the top is, we've continued to create a culture which embraces high performance and high calibre partners and staff. We've implemented a set of consistent performance quality measurements that allows the leadership to monitor service quality and quickly take any necessary actions.



Specific focus on audit quality

The quality of our work is at the heart of the PwC network and we invest significant and increasing resources in the continuous enhancement of quality across our network. This includes having a strong quality infrastructure supported by the right people, underlying tools and technology at both network-level and within our firm, and a continuous programme of innovation and investment in our technology.

The PwC network's Global Assurance Quality (GAQ) organisation aims to support member firms in promoting, enabling, and continuously improving Assurance quality through effective policies, tools, guidance and systems used to further promote and monitor quality and to build an appropriate level of consistency in what we do.

Each firm is responsible for using the resources provided by the network as part of our efforts to deliver quality to meet the expectations of our stakeholders.



The QMSE framework

To deliver services in an effective and efficient manner that meets the expectations of our clients and other stakeholders, the PwC network has established the Quality Management for Service Excellence (QMSE) framework for quality management which integrates quality management into business processes and the firm-wide risk management process. This framework introduces an overall quality objective that is supported by a series of underlying quality management objectives and our system of quality management (SoQM). Our SoQM must be designed and operated so that these objectives are achieved with reasonable assurance.



Specific focus on audit quality

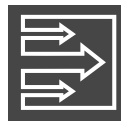
Delivering quality audits is core to our purpose. To that end, we are committed to providing a quality audit. However, where our work falls below the standards that we set for ourselves and are set by the regulators, we are disappointed and also rightly criticised. We take each of these instances very seriously and work hard to learn lessons and to enhance the quality of audits that we undertake in the future.



The right objectives and capabilities

To help us put this strategy into effect, the PwC network has established clear objectives around audit quality and provides support to help us meet these objectives. Our engagement teams can only deliver quality audit services if they have access to the necessary capabilities – both in terms of people and technology. That's why our quality objectives focus on having the right capabilities – both at a member firm level and across our network – and on using these capabilities to meet our own standards and the professional requirements. These capabilities can only be developed under the right leadership and quality culture, promoting the right values and behaviours.





Integrated and aligned in the right way

The quality objectives focus on having the right people supported by effective methodologies, processes, and technology appropriately directed and supervised. These represent the capabilities that we believe are relevant to achieving and sustaining audit quality. To help us achieve these objectives, there are a number of dedicated functions at a network level that develop practical tools, guidance and systems to support and monitor audit quality across our network. These elements have been integrated and aligned by our network to create a comprehensive, holistic and interconnected quality management framework that we tailor to reflect our individual circumstances.



Delivering a quality end-product consistently

Central to the framework is the recognition that quality management is not a separate concept; it needs to be embedded in everything we do as individuals, teams, firms and the network. The quality objectives are supported by designated key activities which are considered necessary to achieve the quality objectives, focused mainly on building a quality infrastructure and organisation. We supplement and design those key activities as appropriate to respond to risks we have identified to achieve each quality objective.



Values and judgements

Performing quality audits requires more than just the right processes. At its core, an auditor's role is to assess with a "reasonable" degree of assurance whether the financial statements prepared by the company's management are free of "material misstatements" – reaching a professional judgement on whether the financial statements present a fair picture of the company's financial performance and position. To carry out this assessment effectively, the auditor needs to use all the capabilities that have been built up in line with our quality objectives. These include applying ethical behaviour in accordance with PwC's values, professional scepticism, specialist skills and judgement – all supported by technology.

Navigating the impact of external factors on our system of quality management

The past several years have seen unprecedented challenges. From the global COVID-19 pandemic to the Russian government's invasion of Ukraine (hereafter referred to as 'the war in Ukraine'), these events are first and foremost human tragedies. Our SoQM reflects our response to these events and changing risks based on impacts to our clients, our people and the way we operate, including new or revised policies and procedures in our firm that have been implemented or are under consideration at any given point in time.

Under the QMSE framework, our SoQM is designed and operated to consider changes in facts and circumstances resulting in:

- new or changing quality risks to achieving one or more of the quality objectives
- changes to the risk assessment of existing quality risks
- changes to the firm's SoQM design, including the risk responses

The QMSE framework has helped us navigate the changes in our firm's environment, by assessing the completeness and effectiveness of our responses including any additional monitoring to be put in place, and identifying any gaps to address new or emerging quality risks.



Sharing developments and experience

COVID-19 pandemic

From the early stages of the pandemic, the PwC network put a team in place to monitor developments globally and to highlight areas of critical importance to ensure we did not compromise on audit quality. More than two years into the pandemic, we have maintained our focus on those areas impacting our clients, our people and how we work. We leveraged the guidance developed by our network to provide sustained, consistent leadership and guidance on audit quality and equipped our teams to consider their client's unique circumstances and respond accordingly.

The COVID-19 pandemic resulted in us facing a number of new challenges in our audits. This ranged from how we operate as a team to plan and complete the audit, to how we interact with our clients to obtain the necessary audit evidence and execute specific audit procedures such as completing physical inventory counts, and assessing a client's ability to continue as a going concern, group audit, paper file archiving, etc. We also enhanced supervision and review, made the most of consultations with specialists within our firm and enhanced our Real Time Assurance programmes to focus on how audit teams responded to COVID-19 related risks.

During the pandemic, our investment in technology and swift upskilling of our people allowed a seamless shift into remote working without compromising on audit quality. Our teams worked cohesively using digital resources to execute our audits remotely as needed. Because our existing infrastructure included the necessary tools and security protocols, audit teams were able to quickly transition to working remotely. The transition was minimally disruptive, helped by our network audit technology infrastructure such as Connect Suite and Google Workspace, tools in place for a number of years that streamline and automate real-time communication and workflow providing fast, effective and secure information sharing. (See [page 44](#) for how we use technology tools in our audits).

Our network's response to the war in Ukraine including separation of PwC Russia and Belarus and our approach to sanctions

Following the Russian government's invasion of Ukraine, the PwC network's main focus continues to be doing all we can to help our colleagues and support the humanitarian efforts to aid the people of Ukraine.

The PwC network's response to the war in Ukraine resulted in several actions including the decision that, under the circumstances, PwC should not have member firms in Russia and Belarus and consequently PwC Russia and PwC Belarus have exited the network.

In addition, the PwC network is exiting work for Russian entities and individuals subject to sanctions. Any sanctions on Russian entities and individuals that are passed anywhere in the world will be applied everywhere in the PwC network. The PwC network will also not undertake any work for the Russian Federal Government or State-owned Enterprises and is conducting reviews to identify engagements with non-sanctioned Russian clients and considering the appropriateness of any ongoing relationship.

While we did not have any audit clients or engagements involving Russia, PwC Thailand ensures that the network direction and guidance are adopted as part of the acceptance and continuance process and seeks guidance from sanctions subject matter experts where needed.

Our network's response to the conflict including the separation of PwC Russia and PwC Belarus and approach to sanctions, as well as consideration of the broader risks that impact our clients are being factored into our firm's SoQM through identification of potential quality risks that have or may arise. Our firm is monitoring the actions we have and will take to address the identified risks to assess whether further changes are needed to our firm's SoQM or how we perform our engagements and interact with our clients.



Cultures and values



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Cultures and values

Leadership and tone at the top

Our purpose and values are the foundation of our success. Our purpose is to build trust in society and solve important problems, and our values help us deliver on that purpose. Our purpose reflects 'why' we do what we do, and our strategy provides us with the 'what' we do. 'How' we deliver our purpose and strategy is driven by our culture, values and behaviours. This forms the foundation of our SoQM and permeates how we operate, including guiding our leadership actions, and how we build trust in how we do business, with each other and in our communities.

When working with our clients and our colleagues to build trust in society and solve important problems, we:



Act with integrity



Make a difference



Care



Work
together



Reimagine the
possible

Our people are working in a complex environment with competing demands. As a result, topics such as quality and accountability are an ongoing focus of our communications, used to reinforce our commitment to our purpose and values, including integrity and ethics. Key messages are communicated to our firm by our Senior Partner and leadership team and are reinforced by engagement partners. These communications focus on what we do well and actions we can take to make enhancements. We track whether our people believe that our leaders' messaging conveys the importance of quality to the success of our firm. Based on this tracking, we are confident our people understand our audit quality objectives.

Quality awareness channels

Quality awareness channels include:

- face-to-face or virtual sessions with partners and managers through quarterly updates and town hall meetings
- learning and development programmes, such as Assurance core curricula, training programmes provided to partners, methodology workshops, soft skills training, digital training and annual R&Q training
- webcasts and eLearning courses
- periodic alerts, emails and communication from our leaders.



Our quality support teams

Quality Committee

We set up our Quality Committee more than ten years ago to oversee quality control. It consists of functional area lead partners in Assurance.

The Quality Committee meets regularly to:

1. monitor quality control systems and operations,
2. initiate remedial actions to address exceptions and deficiencies in audit quality,
3. report on significant audit quality matters, and
4. provide recommendations on quality enhancement initiatives to the Assurance Leader and Risk & Operations Leader.

The leaders and managers of the following functions provide support to the committee:

- Risk & Quality
- Methodology, Technology & Transformation
- Accounting Consulting Services
- Broader Assurance Services
- US Capital Market
- Auditor Reporting Group
- Human Resources
- Learning & Development
- Resources Planning



Figure 1: Quality Committee

Risk & Quality

The Risk & Quality (R&Q) team operates on a firm-wide basis and supports the firm's leadership in managing risk and quality, and assists engagement teams on compliance, independence and quality matters. The team advises on managing risks to maintain consistent quality and comply with professional standards, laws, regulations and policies, while achieving business objectives. R&Q provides risk management services and internal legal, independence, and quality counsel at both firmwide and line-of-service levels.

The R&Q team comprises one partner, 14 full-time dedicated directors, senior managers and managers and seven full-time seniors and associates who support the team. The R&Q leader reports directly to the CEO, the Firmwide Leadership Team, and the line of service leadership teams.

R&Q is on the standard agenda of all leadership and partner meetings.

Accounting Consulting Services

To manage the complexity of financial reporting standards, it's important that our clients receive clear and consistent advice. Our Accounting Consulting Services (ACS) team provides internal and external support and guidance on accounting treatments of complex issues, training on accounting standards, and reviews of financial statements in compliance with financial reporting standards.

The ACS team comprises two partners and three senior managers. ACS works closely with engagement teams on significant accounting issues to arrive at a solution that is acceptable under the financial reporting framework. If opinions are unresolved, a technical panel discussion is organised.

PwC Thailand is supported by specialists from our Global ACS Group for cross-border engagements and multinational clients.

Quality Performance Measures

- Manpower – full-time equivalent technical resources staff in R&Q, ACS and M&T.

Methodology, Technology & Transformation

In Thailand, we've established a full-time audit Methodology, Technology & Transformation (M&T) business unit led by the Implementation Partner and supported by four Methodology and three Technology and Transformation team members.

The Methodology team provides updates on new developments in auditing, consults on methodology-related issues, and supports practice staff in relation to PwC's audit methodology. The Technology & Transformation team implements our auditing software and Assurance Transformation tools, develops training courses and user guides for the Assurance Transformation tools as well as acting as help-desk support.

M&T's aim is to continuously improve overall audit quality, simplify processes wherever possible and maintain trust. Moreover, M&T aims to reimagine the audit through the use of technology to help our audit teams adopt the enhanced guidance and Assurance Transformation tools. The team endeavours to meet and surpass the minimum audit quality standards set by the PwC network and local requirements.

M&T's main responsibilities include:

- implementing audit methodology and Assurance Transformation tools,
- launching training materials based on PwC's global materials for methodology and Assurance Transformation content, and customising them to local needs in respect of local practical issues and real cases,
- working with Global team to develop effective user guidance material for Assurance Transformation tools,
- optimising, reporting and ongoing support for Assurance technology and transformation tools,
- communicating new and updated policies, procedures, and methodologies and keeping staff up to date,
- addressing methodology and technology issues, and
- conducting engagement reviews to identify and improve audit quality and efficiency.
- provide consultation on auditor report requirements and review the key audit matters (KAM) that are required in audit opinions to ensure they comply with Thai Standards on Auditing and PwC audit methodology.

Broader Assurance Services

We have a dedicated team of professionals who provide advice on cross-border listings, regulatory regimes, and business processes to help clients master cross-border transactions.

The team helps engagement teams respond to local listing questions and provides support and advice on:

- US Generally Accepted Auditing Standards (GAAS) and Public Company Accounting Oversight Board (PCAOB) standards
- global policies on US GAAS and PCAOB reporting
- PCAOB standards updates, and
- US GAAS and Generally Accepted Accounting Principles (GAAP) training.



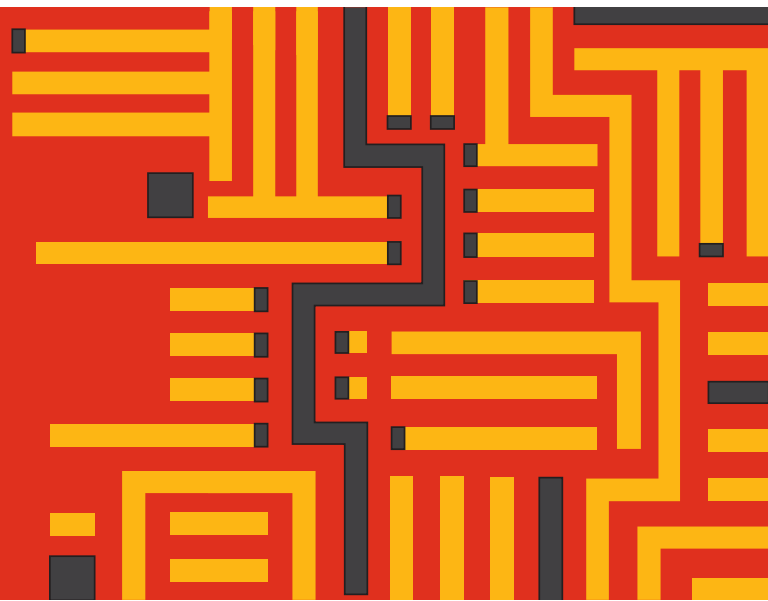
Our quality enhancement initiatives

Delivering service of the highest quality is core to our purpose and our assurance strategy, the focus of which is to strengthen trust and transparency in our clients, in the capital markets and wider society.

As mentioned previously, to help PwC Thailand put this strategy into effect, the PwC network has established the QMSE framework which introduces an overall quality objective for the Assurance practise that is supported by a series of underlying quality management objectives which allow our people and processes to deliver services effectively and efficiently, meeting the expectations of our clients and other stakeholders. Our SoQM must be designed and operated so that these objectives are achieved with reasonable assurance. The achievement of these objectives is supported by a quality management process established by our firm and Assurance leadership, business process owners (BPOs), partners and staff.

Our quality management involves the integrated use of Assurance quality indicators to aim to predict quality issues, Real Time Assurance to aim to prevent quality issues, root cause analysis to learn from quality issues and a recognition and accountability framework to reinforce quality behaviours, culture and actions.

These programmes, by design, require ongoing monitoring and improvement, in particular the Assurance quality indicators, which will evolve significantly over time as we continue to use and learn from these measures.



Quality management process

Our quality management process includes:

- identifying risks to achieving the quality objectives
- designing and implementing responses to the assessed quality risks
- monitoring the design and operating effectiveness of policies and procedures through the use of process-integrated monitoring activities such as real-time assurance as well as appropriate Assurance quality indicators
- continuously improving the SoQM when areas for improvement are identified by performing root cause analyses and implementing remedial actions and
- establishing a quality-related recognition and accountability framework to be used in appraisals, remuneration, and career progression decisions

Aim to Predict: Assurance quality indicators

We have identified a set of Assurance Quality Indicators (AQIs) that support our Assurance leadership team in the early identification of potential risks to quality, using metrics to aim to predict quality issues. This quality risk analysis is an essential part of our QMSE, and the AQIs, in addition to other performance measures, also provide a key tool in the ongoing monitoring and continuous improvement of our SoQM.

Quality performance measures and a meaningful analysis of their results can also provide valuable insights into the audit quality factors and are part of our four strategic quality initiatives used to monitor and measure quality at both the firm and individual levels.

- At the firm level, the quality performance measures include prediction of the results for the next reporting. This gives us early notice of where to look for potential issues and take timely action. They also assist in communicating our views on quality to stakeholders: audit committees, capital markets and the general public.
- At an individual level, these measures help partners understand their responsibilities, and their performance in each area is reported quarterly or annually.

The quality performance measures (including targets and measurements) are developed for each QMSE objective and approved by Assurance leadership at the beginning of the fiscal year. The data is collated centrally every month by dedicated members of the R&Q team based on input from BPOs who analyse the data, assess the results and develop draft action plans based on a root cause analysis if quality risks are identified. The results include the current month's actual performance and prediction for next month. The quality performance dashboard is prepared and submitted to Assurance leadership for their discussion and approval.

Aim to Prevent: Real Time Assurance

We have developed a Real Time Quality Assurance (RTA) programme to provide preventative monitoring that helps coach and support engagement teams during an audit to get the 'right work' completed in real-time. Refer to the section 'Monitoring of Assurance Quality' on [Page 50](#) for further details.

Learn: Root cause analysis

We perform analyses to identify potential factors contributing to our firm's audit quality so that we can take actions to continuously improve. Our primary objectives when conducting such analyses are to understand what our findings tell us about our SoQM and to identify how our firm can provide the best possible environment for our engagement teams to deliver a quality audit. We look at quality findings from all sources including our own ongoing monitoring of our SoQM as well as Network inspection of our SoQM. Refer to the section 'Monitoring of Assurance Quality' on [Page 52](#) for further details.

Reinforce: Recognition and Accountability Framework

Our Recognition and Accountability Framework (RAF) reinforces quality in everything our people do in delivering on our strategy, with a focus on the provision of services to our clients, how we work with our people and driving a high quality culture. It holds partners, including non-partners with signing rights, accountable for quality outcomes beyond compliance.

The RAF considers and addresses the following key elements:



Quality outcomes: We provide transparent quality outcomes to measure the achievement of the quality objectives. Our quality outcomes take into account meeting professional standards, and the standards and policies of the PwC network and our firm.



Behaviours: We have set expectations of the right behaviours that support the right attitude to quality, the right tone from the top and a strong engagement with a quality objective.



Interventions/recognition: We have put in place interventions and recognition that promote and reinforce positive behaviours and a culture of quality



Consequences/rewards: We have implemented financial and non-financial consequences and rewards that are commensurate to outcome and behaviour and sufficient to incentivise the right behaviours to achieve the quality objectives. Failure to meet quality objectives can result in performance income cuts and other consequences, up to the revoking of signing rights.

The framework applies to partners, associate partners, signing directors and key management roles. It supports our leadership in their responsibility to help meet our quality standards. Every year, our Assurance leadership team updates, approves and communicates the framework to all partners.

Risk & Quality KPIs

Our commitment to quality starts from the top. The R&Q standard KPIs are applicable to all our partners to measure quality and compliance with the firm's policies, requirements and processes and this forms part of the annual partner performance evaluation process.

R&Q KPIs are applicable for all staff depending on their grade. The KPIs cover certain aspects of compliance with risk management, independence policies as well as quality performance. Staff may face punitive actions for noncompliance.

Ethics and conduct

At PwC, we adhere to the fundamental principles of ethics set out in the International Ethics Standards Board for Accountants (IESBA) Code of Ethics for Professional Accountants, which are:

- I. Integrity** – to be straightforward and honest in all professional and business relationships.
- II. Objectivity** – to not allow bias, conflict of interest or undue influence of others to override professional or business judgments.
- III. Professional Competence and Due Care** – to maintain professional knowledge and skill at the level required to ensure that a client or employer receives competent professional service based on current developments in practise, legislation and techniques and act diligently and in accordance with applicable technical and professional standards.
- IV. Confidentiality** – to respect the confidentiality of information acquired as a result of professional and business relationships and, therefore, not disclose any such information to third parties without proper and specific authority, unless there is a legal or professional right or duty to disclose, nor use the information for the personal advantage of the professional accountant or third parties.
- V. Professional Behaviour** – to comply with relevant laws and regulations and avoid any action that discredits the profession.

Our network standards applicable to all network firms and cover a variety of areas including ethics and business conduct, independence, anti-money laundering, anti-trust/fair-competition, anti-corruption, information protection, firm's and partner's taxes, sanctions laws, internal audit and insider trading. We take compliance with these ethical requirements seriously and strive to embrace the spirit and not just the letter of those requirements. All partners and staff undertake annual mandatory training, as well as submitting annual compliance confirmations, as part of the system to support appropriate understanding of the ethical requirements under which we operate. Partners and staff uphold and comply with the standards developed by the PwC network and leadership in PwC Thailand monitors compliance with these obligations.

In addition to the PwC Values (Act with Integrity, Make a difference, Care, Work together, Reimagine the possible) and PwC Purpose, PwC Thailand has adopted the PwC Network Standards which include a Code of Conduct, and related policies that clearly describe the expected behaviours of our partners and other professionals – behaviours that will enable us to build public trust. Because of the wide variety of situations that our professionals may face, our standards provide guidance for a broad range of circumstances, all with the common goal of doing the right thing.

Upon hiring or admittance, all staff and partners of PwC Thailand are provided with the PwC Global Code of Conduct. They are expected to live by the values expressed in the Code in the course of their professional careers and have a responsibility to report and express concerns, and to do so fairly, honestly, and professionally when dealing with a difficult situation or when observing behaviours inconsistent with the Code of Conduct.

Each firm in the PwC network provides a mechanism to report issues. There is also a confidential global reporting option on pwc.com/codeofconduct. PwC Thailand has adopted an accountability framework to facilitate remediation of behaviours that are inconsistent with the Code of Conduct.

The PwC Code of Conduct is available on-line for all internal and external stakeholders at pwc.com/ethics. Finally, the Organisation for Economic Co-operation and Development (OECD) provides guidance, including the OECD Guidelines for Multinational Enterprises (the OECD Guidelines), by way of non-binding principles and standards for responsible business conduct when operating globally. The OECD Guidelines provide a valuable framework for setting applicable compliance requirements and standards. Although the PwC network consists of firms that are separate legal entities which do not form a multinational corporation or enterprise, PwC's network standards and policies are informed by and meet the goals and objectives of the OECD Guidelines



Third Party Code of Conduct

PwC is recognised as a global leader in professional services, working with many of the world's largest organisations. We have committed to operating within a framework of ethical and professional standards, laws, regulations, internal policies, and our core values. PwC is a signatory to the United Nations Global Compact and is committed to its ten principles.

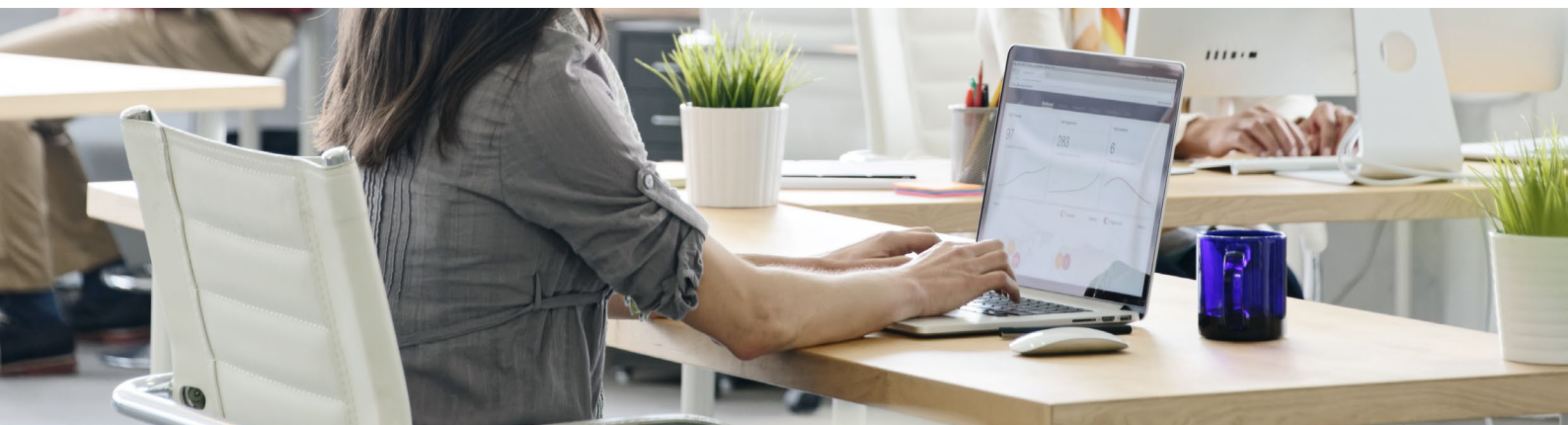


Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights; and
Principle 2: make sure that they are not complicit in human rights abuses.

Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;
Principle 4: the elimination of all forms of forced and compulsory labour;
Principle 5: the effective abolition of child labour; and
Principle 6: the elimination of discrimination in respect of employment and occupation.

Principle 7: Businesses should support a precautionary approach to environmental challenges;
Principle 8: undertake initiatives to promote greater environmental responsibility;
Principle 9: encourage the development and diffusion of environmentally friendly technologies.

Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.
PwC expects third parties to require the same levels of integrity and business conduct from their personnel and anyone outside their organisation who is engaged to provide services for, or with PwC. PwC's Third Party Code of Conduct (Code) explains the minimum standards of integrity and business conduct PwC expects of the third parties with which it does business.



Complaint and Allegation

The Code and the behaviors we seek to reinforce are brought to life in numerous ways for our people, including formal training, leadership programs emphasizing a culture of speaking up and showing respect at work, and in our day-to-day work and handling of complaints and investigations.



Speak up. Speaking up is crucial to our culture at PwC – it's a living example of our values. Speaking up when something doesn't seem right demonstrates integrity and that we have the courage to do the right thing. It also helps to prevent mistakes and misconduct, while showing that we care about each other and our business. And it assists us in living up to our commitment to delivering quality outcomes. Everyone within the firm – no matter their level or role – is encouraged and empowered to speak up when dealing with a situation that doesn't seem right. All PwC partners and staff have a responsibility to report and express their concerns.

The firm has a confidential and secure tier of the [PwC Ethics Helpline](#) and supporting case management system, whereby any PwC partner, staff member or third party can report concerns that our member firms then investigate.



Listen up. Listening and collaboration mean we consult with our colleagues so that concerns are heard and addressed in an open and professional manner. We consult with our supervisors, coaches, ethics teams and human capital representatives. They are responsible for addressing and if necessary escalating the issues brought to their attention.



Follow up. For any allegation, complaint, or concern, we investigate and address the situation in an appropriate and timely way. If a concern is reported, it's handled with appropriate confidentiality and discussed with others only as needed. Disciplinary action is taken as appropriate and in accordance with established accountability frameworks in each member firm.



Non-retaliation. PwC is committed to protecting our people against retaliation when complaints are filed in good faith. Retaliation is serious misconduct that will not be tolerated, and any PwC professional – whether a partner or staff member – who takes retaliatory action will be held accountable.



Conflicts of Interest

Given the broad nature of our operations and the many clients that we serve, PwC frequently faces the risk of potential conflicts of interest. We take any potential conflict of interest seriously. If a conflict is identified, we're committed to take timely steps to address it. The firm maintain internal controls and processes to identify potential conflicts and comply with applicable laws and regulations.

Our programmes reinforce the need to act in accordance with the Code and frameworks for ethical decision-making. The firm understands that there's a greater risk of conflict of interests, or a perception of such issues by our stakeholders, in some key areas (including working with government). There are separate principles to deal with these areas.

Independence and objectivity

Objectivity and Independence

As auditors of financial statements and providers of many types of professional services, PwC member firms and their partners and staff are expected to comply with the fundamental principles of objectivity, integrity and professional behaviour. In relation to assurance clients, independence underpins these requirements. Compliance with these principles is fundamental to serving the capital markets and our clients.

The PwC Global Independence Policy, which is based on the IESBA International Code of Ethics for Professional Accountants, including International Independence Standards, contains minimum standards with which PwC member firms have agreed to comply, including processes to be followed to maintain independence from clients, when necessary.

PwC Thailand has a designated partner (known as the 'Partner Responsible for Independence' or 'PRI') with appropriate seniority and standing, who is responsible for implementation of the PwC Global Independence Policy including managing the related independence processes and providing support to the business. The partner is supported by a team of independence specialists. The PRI reports directly to a member of the firm's Firmwide Leadership Team.

Independence policies and practices

The PwC Global Independence Policy includes these areas:

- Personal and firm independence, including policies and guidance on the holding of financial interests and other financial arrangements, e.g. bank accounts and loans by partners, staff, the firm and its pension schemes.
- Non-audit services and fee arrangements. The policy is supported by Statements of Permitted Services (SOPS), which provide practical guidance on the application of the policy in respect of non-audit services to audit clients and related entities.
- Business relationships, including policies and guidance on joint business relationships (such as joint ventures and joint marketing) and on purchasing goods and services acquired in the normal course of business.
- Acceptance of new audit and assurance clients and the subsequent acceptance of non-assurance services for those clients.



In addition, there is a Network Risk Management Policy governing the independence requirements related to the rotation of key audit partners.

These policies and processes are designed to help PwC comply with relevant professional and regulatory standards of independence that apply to the provision of assurance services. Policies and supporting guidance are reviewed and revised when changes arise such as updates in laws and regulations including any changes to the Code or in response to operational matters.

PwC Thailand supplements the PwC Network Independence Policy as required by local regulations, including the independence requirements of the US SEC and those of the US Public Accounting Oversight Board and the EU Audit Regulation where they are more restrictive than the network's policy.



Independence-related systems and tools

PwC Thailand has access to a number of network systems and tools which support PwC member firms and their personnel in executing and complying with independence policies and procedures. These include:

- **The Central Entity Service (CES)**, which contains information about corporate entities including all PwC audit clients, their related entities (including all public interest audit clients and SEC restricted entities) and related securities. CES assists in determining the independence restriction status of clients of the member firm and those of other PwC member firms before entering into a new non-audit engagement or business relationship. This system also feeds Independence Checkpoint and Authorisation for Services.
- **Independence Checkpoint** facilitates the pre-clearance of publicly traded securities by all partners and practice managers before acquisition and records their subsequent purchases and disposals. Where a PwC member firm wins a new audit client, this system automatically informs those holding securities in that client of any requirement to sell the security where required.
- **Authorisation for Services (AFS)**, is a global system that facilitates communication between a non-audit services engagement leader and the audit engagement leader, regarding a proposed non-audit service, documenting analysis of any potential independence threats created by the service and proposed safeguards, where deemed necessary. It records the audit partner's conclusion on the permissibility of the service.
- **The Global Breaches Reporting System** is used to report any breaches of external auditor independence regulations (e.g. those set by regulation or professional requirements) where the breach has cross-border implications (e.g. where a breach in one territory affects an audit relationship in another territory).
- PwC Thailand also has a number of specific systems which include:
 - an application of all approved simple business relationships (with an audit client or its related entities) entered into by PwC Thailand-
 - an application of all approved directorships and declarations from our partners and staff of personal relationship with an audit client or its related entities.
 - a system of all approved Joint Business Relationship (JBR) transactions which are reviewed every six months to ensure their ongoing permissibility.

Independence training and confirmations

PwC Thailand provides all partners and staff with annual or on-going training in independence matters. Training typically focuses on milestone training relevant to a change in position or role, changes in policy or external regulation and, as relevant, provision of services. Partners and staff receive computer-based training on PwC Thailand's independence policy and related topics. Additionally, face-to-face training is delivered as needed by PwC Thailand's independence specialists and risk and quality teams.

All partners and practice staff are required to complete an annual compliance confirmation, confirming their compliance in all relevant aspects of the firm's independence policy, including their own personal independence. In addition, all partners confirm that all non-audit services and business relationships for which they are responsible comply with policy and that the required processes have been followed in accepting these engagements and relationships. These annual confirmations are supplemented by periodic and ad-hoc engagement level confirmations for audit clients.

In addition, all partners and managerial practice staff are required to complete a quarterly Checkpoint Compliance Confirmation, where they confirm their compliance with the firm's independence policy for reporting financial interests.

Independence monitoring and disciplinary policy

PwC Thailand is responsible for monitoring the effectiveness of its quality control system in managing compliance with independence requirements. In addition to the confirmations described above as part of this monitoring, we perform:

- compliance testing of independence controls and processes;
- personal independence compliance testing of a random selection of, at a minimum, partners and managers to monitor compliance with independence policies; and
- an annual assessment of our adherence with the PwC Network Standards relating to independence.

The results of PwC Thailand's monitoring and testing are regularly reported to the firm's management with a summary report provided to management. PwC Thailand has disciplinary policies and mechanisms in place that promote compliance with independence policies and processes. Any breaches of independence requirements are required to be reported and addressed.

This would include discussion with the client's audit committee regarding the nature of the breach, an evaluation of the breach's impact on the independence of the member firm and the need for safeguards to maintain objectivity. Although most breaches are minor and attributable to an oversight, all breaches are taken seriously and investigated appropriately. PwC Thailand also follows supplemental local requirements for the reporting of breaches. Investigations of any identified breaches of independence policies also serve to identify improvements needed in PwC Thailand's systems and processes and areas for additional guidance and training.

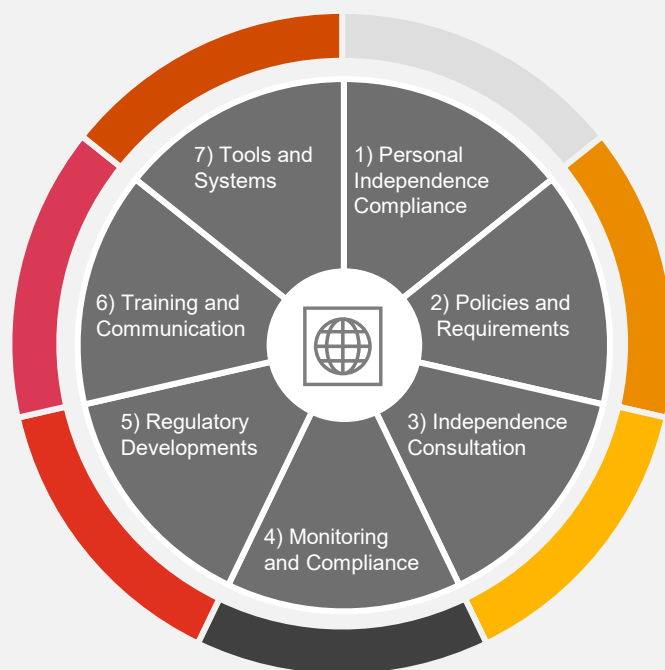


Figure 2: Key elements of our independence function

Considerations in undertaking the audit

Our principles for determining whether to accept a new client or continue serving an existing client are fundamental to delivering quality, which we believe goes hand-in-hand with our purpose to build trust in society. We have established policies and procedures for the acceptance of client relationships and audit engagements that consider whether we are competent to perform the engagement and have the necessary capabilities including time and resources, can comply with relevant ethical requirements, including independence, and have appropriately considered the integrity of the client. We reassess these considerations to determine whether we should continue with the client engagement and have policies and procedures in place for withdrawing from an engagement or a client relationship when necessary.

Client and Engagement Acceptance and Continuance

PwC Thailand implemented a process called Acceptance and Continuance (A&C) to identify acceptable clients based on the PwC network's proprietary decision support systems for audit client acceptance and retention. A&C facilitates a determination by the engagement team, business management and risk management specialists of whether the risks related to an existing or potential client are manageable, and if PwC should be associated with the particular client and its management.

More specifically, the A&C process enables:

Engagement teams:

- To document their consideration of matters required by professional standards related to acceptance and continuance;
- To identify and document issues or risk factors and their resolution, for example through consultation by adjusting the resource plan or audit approach or putting in place other safeguards to mitigate identified risks or by declining to perform the engagement. This will facilitate the evaluation of the risks associated with accepting or continuing with a client and engagement.

PwC Thailand (including its leadership and risk management function):

- To facilitate the evaluation of the risks associated with accepting or continuing with clients and engagements;
- To provide an overview of the risks associated with accepting or continuing with clients and engagements across the client portfolio; and
- To understand the methodology, basis and minimum considerations all other network firms have applied in assessing audit acceptance and continuance.

Project Acceptance Committee (PAC) approval before accepting higher risk clients and engagements

New higher risk clients or engagements that fall into any of the criteria or characteristics set out in the policy require approval from Project Acceptance Committee (PAC) which comprises the Chairman & CEO, Assurance Leader and Chief Risk Officer before submitting proposals or engagement letters.

For recurring or existing higher risk engagements that have already obtained PAC approval in the first year, the engagement leader is not required to obtain PAC approval for the following years' engagements unless there are any significant events arising to the recurring or existing engagement, meet any of the criteria or characteristics of higher risk clients or engagements.

Quality Performance Measures

- The number of new engagements that meet PAC criteria but were not submitted for PAC process

Data Privacy



Our compliance with Thailand's Personal Data Protection Act (PDPA)

At PwC, we maintain a professional and well-articulated approach to the management of all personal data. Everyone in our organisation has a role to play in safeguarding personal data so that data subjects and stakeholders can apply their rights under Thailand's Personal Data Protection Act (2019) which is known as the PDPA.

To comply with our legal obligations, to protect personal data and to encourage the proper handling and use of other data, including confidential information, we implemented systems, designed processes, invested in security and embedded good data management practices across our business to ensure that personal data provided by clients is securely protected.

In addition, we have ingrained a respect for personal data protection in our working culture which is reflected in our standards and policies in place. Our principles have been incorporated in our Data Protection Policy and Network Data Protection Programme (NDPP) which has been implemented by PwC member firms around the world. These standards and policies on data protection provide the requirements and define specific principles for protecting personal data to be aligned with the PDPA's stringent rules on data protection.

The awareness of importance of personal data protection has been cascaded to our staff via our timely communication informing them of their roles and responsibilities to uphold these standards and policies. This helps ensure that our staff are committed to safeguarding personal data while providing high quality services to clients.

Incident management

PwC recognises that security incidents are disruptive and may cause damage to individuals, clients or the business function. We must be prepared to combat these threats and quickly respond to prevent impacts that may result in financial, legal or reputational implications. In order to be properly prepared, an incident management programme must be implemented to identify, classify, escalate, respond and resolve security incidents in a timely manner and reduce impact to the individuals and the business.

Adequate controls must be implemented to properly detect and defend the firm against malicious software designed to disrupt computer operations. To keep up with the changing threats, encryption and up-to-date malware protection software must be implemented to protect data on servers, workstations, laptops, mobiles and removable devices.

Detection or suspicion of a security incident is critical for early identification and containment of its impacts. PwC personnel must be familiar with the process and points of contact to report and escalate any suspected violation or perceived security incident.

Network and system monitoring and logging

Monitoring, logging, scanning or other security utilities are necessary with detection of network or system vulnerabilities. All security, audit and system tools must be configured, registered and protected with restricted access privileges, including output that is considered confidential, and secured in accordance with PwC policy and procedures.

Monitoring and logging are detective controls to identify unexpected system activity that may include a decline in expected system performance or unauthorised activity. Early identification provides support teams with warning indicators of system performance trends that can be addressed to ensure system availability. Appropriate monitoring and logging of systems, applications and networks provide a tracing capability, and combined with proper levels of activity recording, are critical controls for the containment and remediation process. In addition, filtering and monitoring controls for ingress and egress points prevent malicious activities, cyber attacks, data leaks and other harmful events.

Business Continuity Management (BCM)



Business continuity strategy

Our business continuity strategy ensures that critical business services and processes are supported by resilient solutions, and that the firm is able to manage major incidents and crises. Business continuity planning is done throughout the firm as a formal work programme to ensure systems supporting critical business services and processes can be recovered within a defined and acceptable timeframe and sensitive and critical information are protected.

Disaster recovery and technology resilience

To ensure that critical services and processes that rely on technology applications and infrastructure are available when needed, we specified the key applications requiring Disaster Recovery (DR) solutions and pre-arranged a DR site.

Incident management

We have planned process outlines and the responsible person to identify, investigate, contain, and recover from any potential threats to data security and the integrity of the PwC brand.

Business continuity planning (BCP)

Our BCP provides guidance to restore critical services in the event of a disaster. Our BCP is reviewed and updated annually or when there are significant changes to key factors i.e. organisation, threats and risks.

Business continuity activities

Our BCP includes a recovery plan matrix which enables critical business services and processes to resume to an acceptable level within an agreed timeframe following a disruption.

Business continuity activities

Our annual testing covers BCP, DR and call tree. The outcomes of BCP testing are reported to and approved by the firm's leadership.

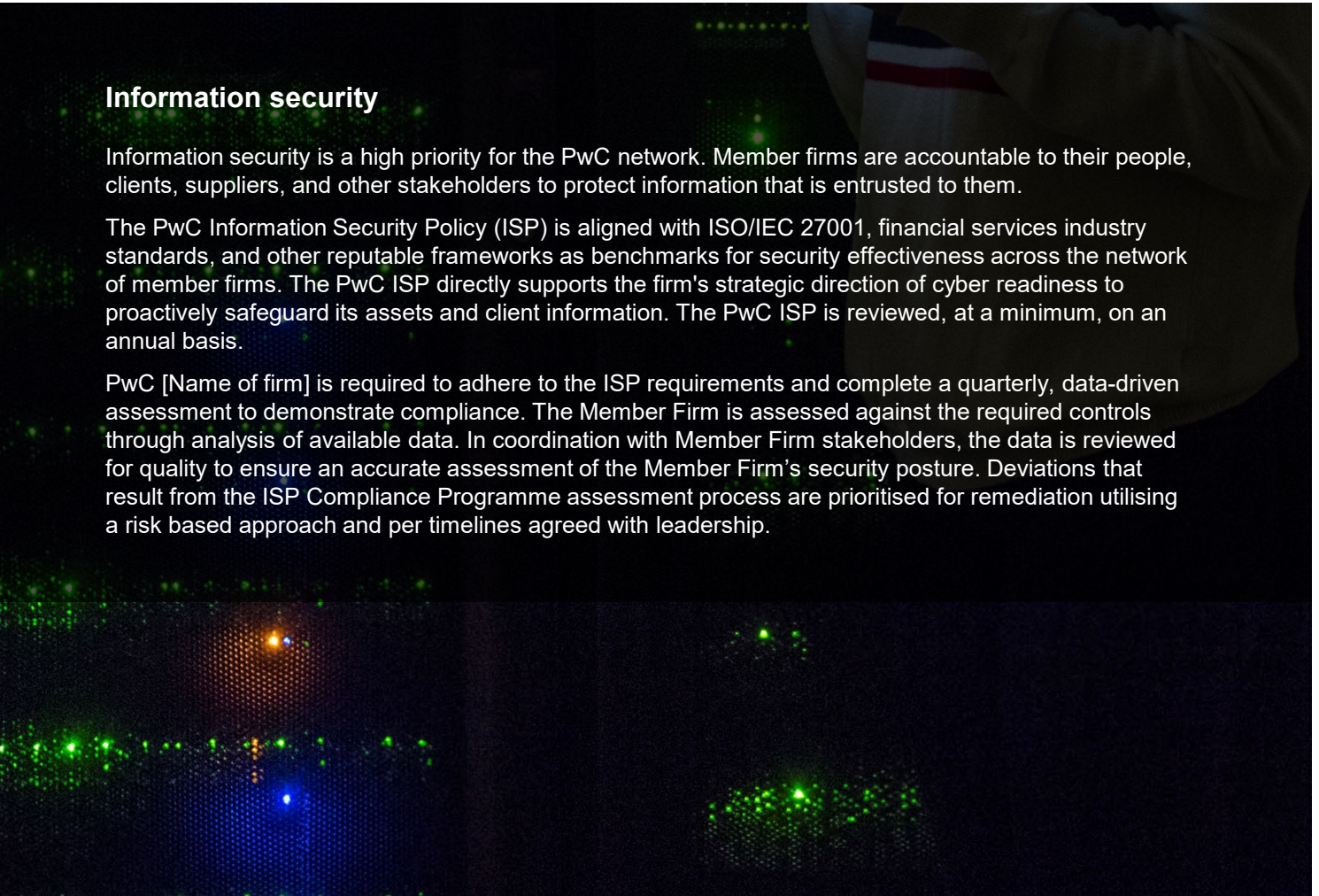
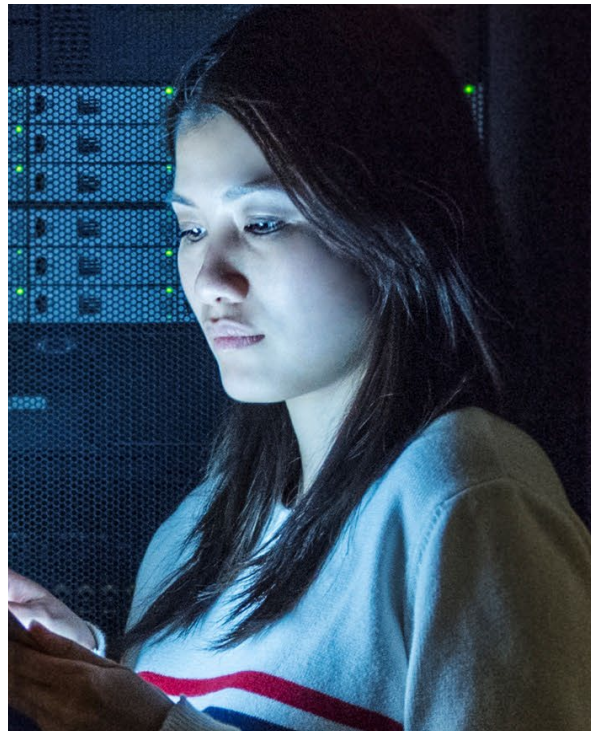
Figure 3: Key elements of our Business Continuity Management



Confidentiality and information security

Confidentiality and information security are key elements of our professional responsibilities. Misuse or loss of confidential client information or personal data may expose the firm to legal proceedings, and it may also adversely impact our reputation. We take the protection of confidential and personal data very seriously.

Our focus on our clients requires a holistic and collaborative approach to reducing security, privacy and confidentiality risks with significant investment in appropriate controls and monitoring to embed an effective three lines of defence model. This model has enabled us to strengthen our information security organisation, align to industry good practice and improve our internal control frameworks.



Information security

Information security is a high priority for the PwC network. Member firms are accountable to their people, clients, suppliers, and other stakeholders to protect information that is entrusted to them.

The PwC Information Security Policy (ISP) is aligned with ISO/IEC 27001, financial services industry standards, and other reputable frameworks as benchmarks for security effectiveness across the network of member firms. The PwC ISP directly supports the firm's strategic direction of cyber readiness to proactively safeguard its assets and client information. The PwC ISP is reviewed, at a minimum, on an annual basis.

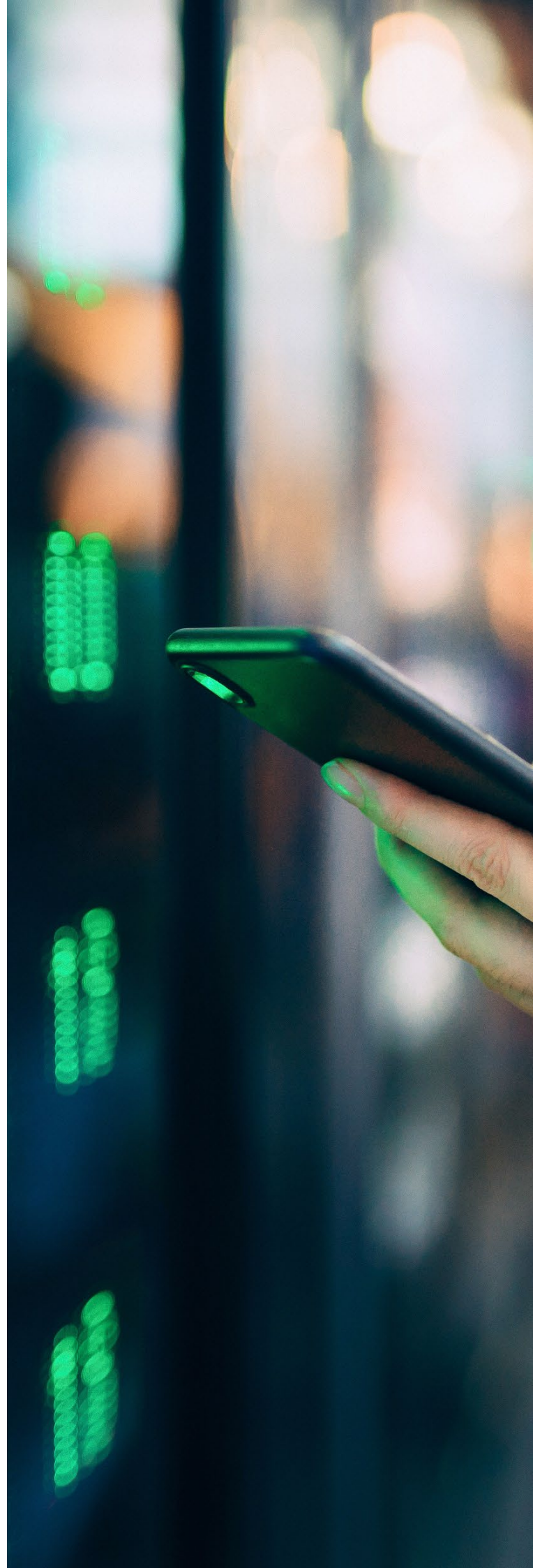
PwC [Name of firm] is required to adhere to the ISP requirements and complete a quarterly, data-driven assessment to demonstrate compliance. The Member Firm is assessed against the required controls through analysis of available data. In coordination with Member Firm stakeholders, the data is reviewed for quality to ensure an accurate assessment of the Member Firm's security posture. Deviations that result from the ISP Compliance Programme assessment process are prioritised for remediation utilising a risk based approach and per timelines agreed with leadership.

PwC's approach to anti-corruption

Corruption is at the centre of some of the world's most pressing problems. PwC is opposed to corruption in any form and recognises the importance of making smart choices when it comes to its business relationships.

The PwC ethics and compliance standards and policies specifically set out how member firms are expected to identify and mitigate the risk of bribery and corruption in their activities. The standards require each member firm to establish systems, policies and procedures to prevent bribery and corruption. In complying with the network standard, we have undertaken the following:

- Appointing an experienced individual who, with appropriate leadership oversight, is responsible for implementing the standards' requirements.
- Annually preparing a risk assessment to evaluate (a) the level and type of risks the firm faces and (b) the policies and procedures the firm uses to comply with this standard and/or to respond to local risks.
- Have in place the local policy on Anti-Bribery, Facilitation Payments and Gift-Giving which state clearly that the bribes must not be solicited, accepted, offered, promised or paid; and facilitation payments in cash or kind are strictly prohibited.
- Training all personnel (including new joiners) annually on local and network policies and guidance.
- Taking steps to identify and resolve any departures from or violations of policies in place.
- Annually undertaking monitoring to assess compliance with anti-corruption standard as well as local and network policies and guidance, and resolving any deficiencies, where identified.
- Each year, all partners and staff at PwC member firms are required to sign a personal confirmation of their anti-corruption compliance.



Our people



[Message from leadership](#)



[PwC network](#)



[Our approach to quality](#)



[Cultures and values](#)



[Our approach](#)



[Monitoring](#)



[Legal and governance structure](#)



[Corporate responsibility](#)

Our people

We recognise that our people are our greatest asset and our competitive advantage. To support them in their career journey, we follow the PwC Professional to help accelerate and enrich our people's development and set our brand apart.

To really stand out and stay competitive in a rapidly changing world, we need to offer more than functional and technical competences. Crucial attributes we want our people to demonstrate are leadership, an awareness of the business environment at local and global levels, and the ability to develop business relationships and being a trusted advisor to deliver a sustained outcomes. We need transformational and inclusive leaders who inspire others and who can lead clients, teams and others throughout the change journey.



People strategy

We are focused on being the world's leading developer of talent and enabling our people with greater agility and confidence in a rapidly changing world. Specific focus areas include creating a resilient foundation for times of change through supporting the well-being of our people and enabling effective delivery; developing inclusive leaders for a shifting world; and enabling our workforce for today's realities and tomorrow's possibilities.

Digital upskilling and transformation

We continue to focus on digital transformation activities to enable our workforce to function and service our clients in a digital economy. All our staff receive training on the fundamentals of data analytics to enable them to have skills to get insights on data used by organizations.

We enabled specific individuals to become digital accelerators, having deep analytics skills to help champion digital service offerings across all our lines of service. We also launched a programme to provide knowledge badges to all our staff to demonstrate their digital knowledge. To date 130 Digital Acumen badges have been issued.

During 2022, we also launched Client Data Usage policies across our businesses and a data platform and workbench to enable the delivery of all our services in a collaborative cloud environment. We have prepared learning programs to ensure our staff understand the importance of data and how it can be used.

Our Digital Lab is a repository of digital assets to enhance productivity and created by PwC network staff across the world. It functions as a centre of innovation encouraging our employees to develop digital assets that can enable improvement and automation across the services delivered internally and to our clients. We are currently creating local solutions to add to the Digital Lab and also launching a series of digital products in the areas of ESG, governance, regulatory reporting and transformation to expand our digital service offerings.



Diversity and inclusion

At PwC, we're committed to creating a culture of belonging. We are focused on diversity and fostering an inclusive environment in which our people are comfortable bringing their whole selves to work and feel that they belong and are valued. We know that when people from different backgrounds and with different points of view work together, we create the most value-for our clients, our people and society. Our core values of caring and working together guide us to recognize the contributions of each individual and develop a workplace with a range of people, perspectives and ideas.



Recruitment

We aim to recruit, train, develop and retain the best and the brightest staff who share in the firm's strong sense of responsibility for delivering high-quality services. Our hiring standards include a structured interview process with behaviour-based questions built from the PwC Professional framework, assessment of academic records and background checks. We recruited new people across the firm in FY22, including various university graduates.



Team selection, experience and supervision

Our audit engagements are staffed based on expertise, capabilities and years of experience. Engagement leaders determine the extent of direction, supervision and review of junior staff.



Real-time, open and transparent feedback

We are committed to listening to our people. To keep us on track, we gather real-time feedback from our people on how well the firm is living its values. We collect real-time feedback on people performance, values and progression via our Snapshot tool, a simple, mobile-enabled technology. Snapshot captures data on five Assurance quality dimensions: accounting and technical knowledge, auditing skills, professional scepticism, issues management, review and supervision.

We use Snapshot to collect feedback several times throughout the year. We can review results by team and location, which allows us to quickly respond in a targeted way. We also use Workday as a complement to Snapshot, which allows staff to provide real-time feedback on an upwards and peer basis.



Career progression

We use PwC Professional, a global career progression framework which sets out clear expectations at all staff levels across five key dimensions. The framework underpins all elements of career development and helps our people develop into well-rounded professionals and leaders with the capabilities and confidence to produce high-quality work, deliver an efficient and effective experience for our clients, execute our strategy, and support our brand. As part of the framework, individuals meet with their Team Leader regularly to discuss their development, progression and performance.



Retention

Turnover in the public accounting profession is often high because as accounting standards and regulations change, accountants are in demand and the development experience we provide make our staff highly sought after in the external market. Our voluntary turnover rate fluctuates based on many factors, including the overall market demand for talent.



Global People Survey

Each PwC member firm participates in an annual Global People Survey, administered across the network to all of our partners and staff. PwC Thailand is responsible for analysing and communicating results locally, along with clearly defined actions to address feedback.

Health and safety of our staff

Wellbeing and engagement

Staff wellbeing, both physical and mental, is our top priority. PwC has aimed to address its importance through the 'Be well, work well' programme which included a communication campaign on how to create and sustain good physical and mental health. We've also rolled out activities that help engage staff and create a sense of belonging. An online counselling service platform has been provided for staff to directly make appointments and discuss their issues with a mental health expert.

At PwC we want our people to be able to lead a healthy lifestyle and be successful. Our wellbeing programme helps to protect the mental health and wellbeing of our people by providing the opportunity for confidential counselling. OOCA is an online mental wellness platform that connects our employees with certified counsellors. Employees can get connected with a psychologist or psychiatrist and discuss any issues they are having through video calls. OOCA can be accessed anywhere, anytime on smartphone (iOS, Android) or computer and there's a high level of privacy and security.

PwC Thailand is also thinking carefully about how to make our working model more flexible and inclusive. To support work-life flexibility, we launched a hybrid working model to improve the employee experience and support a work-life harmony that allows everyone to work smarter whilst maintaining our quality of service. We aim to provide a workplace that enables both high performance and a work-life balance that supports and respects personal values. This hybrid working model aligns with our existing WeFlex policy to provide flexible working for everyone.

In terms of employee engagement, PwC has an annual Global People Survey with the main objective of collecting feedback and then taking the survey results into the action plan to help address staff areas of concerns/priorities and improve the engagement level within teams and across the organisation.



PwC Professional

The PwC Professional supports the development and career progression of our staff by providing a single set of expectations across all lines of service, geographies, and roles; outlining the capabilities needed to thrive as purpose-led and values-driven leaders at every level.

Professional development

We are committed to putting the right people in the right place at the right time. Throughout our people's careers, they are presented with career development opportunities, classroom and on-demand learning, and on-the-job real time coaching/development. Our on-demand learning portfolio facilitates personalised learning with access to CPE and non-CPE educational materials, including webcasts, podcasts, articles, videos and courses.

Achieving a professional credential supports our commitment to quality through consistent examination and certification standards. Our goal is to provide our staff with more individualised paths to promotion and support them in prioritising and managing their time more effectively when preparing professional exams. Providing our people with the ability to meet their professional and personal commitments is a critical component of our people experience and retention strategy.

Quality Performance Measures

- Mandatory training attendance
- Total hours of Assurance training completed by partners and staff
- Average training hours

Continuing education

We, and other PwC member firms, are committed to delivering quality assurance services around the world. To maximise consistency in the network the formal curriculum, developed at the network level, provides access to training materials covering the PwC audit approach and tools – this includes updates on auditing standards and their implications, as well as areas of audit risk and areas of focus for quality improvement.

This formal learning is delivered using a blend of delivery approaches, which include remote access, classroom learning and on-the-job support. The curriculum supports our primary training objective of audit quality, while providing our partners and staff with the opportunity to strengthen their technical and professional skills, including professional judgment while applying a sceptical mindset.

The design of the curriculum allows us to select, based on local needs, when we will deliver the training. Our Learning & Development leader considers what additional training is appropriate – formal and/or informal – to address specific local needs and new developments, such as local GAAP, auditing and taxation, industry specific, business skills and language programmes.

Our learning framework is not only designed for technical capabilities, but also to enhance other crucial professional attributes. We follow the PwC Professional framework attributes: whole leadership, business acumen, global and inclusive, relationships, and technical and digital capabilities. We focus more on technical competence for our 'entry level' staff, and more on the other attributes for senior staff and above.



Our investment in people and training

Assurance Training FY22

Total hours completed by partners and staff

91,012

Average training hours

99

Assurance Training FY21

Average hours achieved by partners and staff

89,158

Average training hours

84

Mandatory training attendance

100%

of partners and staff attended all mandatory training in FY22

Figure 4: Our investment in people and training

Our audit approach



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Our approach



Our approach

Our audit quality and effectiveness is critical to all of our stakeholders. We therefore invest heavily in the effectiveness of our audits, in the skills of our people, in our underlying methodology, in the technology we use, and in making the right amount of time and resources available. We pay close attention to the internal indicators and processes that routinely monitor the effectiveness of our risk and quality processes, and provide timely information about our audit quality and any areas for audit efficiency and improvement. Details of these indicators and processes can be found in the Monitoring of Assurance Quality section.

Additionally, we consider what our various stakeholders require from us, what they tell us we need to improve and the findings of regulatory inspections on our work quality. According to recent inspections, there were no findings related to the quality of our work including engagement performance. Details of the most recent regulatory findings can be found in the section 'Monitoring of Assurance Quality' on [Page 51](#) for further details.



Our tools

As a member of the PwC network, PwC Thailand has access to and uses PwC Audit, an audit methodology and process designed specifically for our staff. This methodology is based on the International Standards on Auditing (ISAs), with additional PwC policies and guidance provided where appropriate (for example, the requirements of Thai Auditing Standards (TSAs), United States Generally Accepted Auditing Standards (USGAAS) issued by the American Institute of Certified Public Accountants (AICPA) and PCAOB Audit Standards).

PwC Audit policies and procedures are designed to facilitate audits conducted in compliance with all ISA requirements that are relevant to each individual audit engagement. Our common audit methodology provides the framework to enable PwC member firms to consistently comply in all respects with applicable professional standards, regulations and legal requirements.

Tools and technologies to support our audit

Our technology



Aura, our global audit documentation platform, is used across the PwC network. Aura helps drive how we build and execute our audit plans by supporting teams in applying our methodology effectively, by creating transparent linkage between risks, required procedures, controls and the work performed to address those risks, as well as providing comprehensive guidance and project management capabilities. Targeted audit plans specify risk levels, controls reliance and substantive testing. Real time dashboards show teams audit progress and the impact of scoping decisions more quickly.



Connect is our collaborative platform that allows clients to quickly and securely share audit documents and deliverables. Connect also eases the burden of tracking the status of deliverables and resolving issues by automatically flagging and tracking outstanding items and issues identified through the audit for more immediate attention and resolution. Clients are also able to see audit adjustments, control deficiencies, and statutory audit progress for all locations – in real time.

Connect Audit Manager streamlines, standardises and automates group and component teams coordination for multi-location and statutory/regulatory audits. It provides a single digital platform to see all outbound and inbound work and digitises the entire coordination process which facilitates greater transparency, compliance and quality for complex multi-location audits.



Halo, our data auditing tools, test large volumes of data, analysing whole populations to improve risk assessment, analysis and testing. For example, Halo for Journals enables the identification of relevant journals based on defined criteria making it easier for engagement teams to explore and visualise the data to identify client journal entries to analyse and start the testing process.



Count, which facilitates the end-to-end process for inventory counts, allows our engagement teams to create and manage count procedures, counters to record results directly onto their mobile device or tablet and engagement teams to export final results into Aura.



PwC Confirmations, which facilitates an automated and standardised end-to-end process for various types of external confirmations, allows our engagement teams to create requests and receive external confirmation in a secure environment that helps mitigate the risks associated with receiving confirmation responses electronically.

As part of The New Equation investment, we will be rolling out a continuous stream of new capabilities through our existing platforms to increasingly simplify, standardise, centralise and automate our audit work.

Tools and technologies to support our audit

Other technology adopted by PwC Thailand

PwC's Smart Audit Platform is a secure portal developed by another PwC firm to further streamline audit testing activities with cutting-edge machine learning and automation. PwC Thailand invested in this technology along with audit technology tools integrated with Aura. The platform currently supports six modules:

- 1 Mathematical Accuracy Test** streamlines the testing of mathematical accuracy in financial statements.
- 2 Smart PDF Extract** quickly and accurately extracts information from PDF documents, transforming it into consistently formatted and structured Excel workbooks.
- 3 Prior Year Test** automates the checking of comparative numbers presented in a financial report.
- 4 OPEX Test** streamlines the testing of operating expenses by automatically analysing supporting documents that need to be matched against the general ledger.
- 5 PP&E Additional Test** streamlines the testing of fixed asset additions by automatically analysing supporting documents that need to be matched against the general ledger.
- 6 Internal Consistency Test** uses automation to help check the consistency of data presented multiple times within financial statements.

Reliability and auditability of audit technologies

Our firm has designed and implemented processes and controls to underpin the reliability of these audit technologies. This includes clarification of the roles and responsibilities of audit technology owners and users. In addition, we have guidance focused on the sufficiency of audit documentation included in the workpapers related to the use of these audit technologies, including consideration of the reliability of the solution, and the documentation needed to assist the reviewer in meeting their supervision and review responsibilities as part of the normal course of the audit.

Supporting engagement performance



Evolving delivery model

We continue to evolve the way we deliver our services to give our clients an even better experience, further enhancing the quality of what we do and creating economic capacity to invest in the future. We use delivery centres to streamline, standardise, automate and centralise portions of the audit.



Direction, coaching and supervision

Engagement leaders and senior engagement team members are responsible and accountable for providing quality coaching throughout the audit. They supervise the work completed by junior members of the team, coaching the team and maintaining audit quality. Engagement teams use Aura which effectively monitors the engagement's progress to determine that all work has been completed and reviewed by appropriate individuals, including the engagement leader.



Consultation culture

Consultation is key to ensuring audit quality. Reviewing work and consulting with appropriately qualified people before engagement delivery improves the quality of service and reduces risks. Consultation is one of PwC's fundamental strengths. While we have formal protocols about mandatory consultation, in the pursuit of quality, we regularly consult more than the minimum requirement. For example, our engagement teams routinely speak with experts in areas such as taxation, risk, valuation, actuarial and other specialities as well as individuals within our technical support teams.

We have made great efforts to create a consulting culture where our people are encouraged to talk to others whenever they're in doubt. We've developed internal databases that allow our teams to get the consultation they need and also allow our internal technical experts to respond to and monitor the progress of enquiries they receive.



Technical support teams

Our technical support teams comprise technical accounting, auditing, and financial reporting specialists as well as risk and quality. These specialists play a vital role in keeping our policies and guidance current in these areas by tracking new developments in accounting and auditing and providing those updates to professional staff.



Technical panel support

Engagements involving complex issues may require the support of a technical panel of experienced client-facing partners, Risk Management Partner, and in some cases, technical experts or specialists in audit or industry areas. Engagement partners and leaders consult a technical panel when issues of major importance affecting a client or the firm arise or a difference of opinion cannot be resolved. Panel decisions are binding upon engagement leaders.

We stress setting up technical panel consultations in an early enough stage in the audit process to effectively address risks to our clients or the firm.



Quality review partners (QRP)

As part of our system of quality management and in line with professional standards, a QRP is assigned to higher risk engagements, such as engagements with listed entities, high-profile clients and clients preparing for an initial public offering. The Assurance Leader appoints QRPs with the agreement of the Assurance Risk Management partner. QRPs must have sufficient technical knowledge, industry expertise, time and authority. They must be able to objectively evaluate the engagement team's significant judgments and conclusions. First-time QRPs are required to complete mandatory QRP training before taking on the role.

QRPs are involved in the most critical aspects of the audit. For example, they may advise on matters of firm independence, risks of material financial statement misstatement and a team's responses to those risks, and specific accounting, auditing, financial reporting and disclosure issues. The QRP's involvement is monitored and reported to the partners quarterly as part of their KPIs. QRPs have access to real-time and hot-file review findings, which allows them to monitor audit quality and follow up on issues with audit teams.



Differences of opinion

Protocols exist to resolve the situations where a difference of opinion arises between the engagement leader and either the QRP, another Assurance partner or technical support teams. These include the use of technical panels consisting of partners independent of the engagement.

Quality Performance Measures

- Technical support – Ratio of partners serving in technical support roles to the total number of audit partners
- FTE in technical resources

Monitoring



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Monitoring of Assurance quality

Quality Performance Measures

- Number of engagement compliance reviews performed and results
- Number of restatements/reissuances of financial statements and/or audit reports due to insufficient work performed by the audit teams

We recognise that quality in the Assurance services we deliver to clients is key to maintaining the confidence of investors and other stakeholders in the integrity of our work. It is a key element to our Assurance strategy.

Responsibility for appropriate quality management lies with the leadership of PwC Thailand. This includes the design and operation of an effective SoQM that is responsive to our specific risks to delivering quality audit engagements, using the network's QMSE framework.

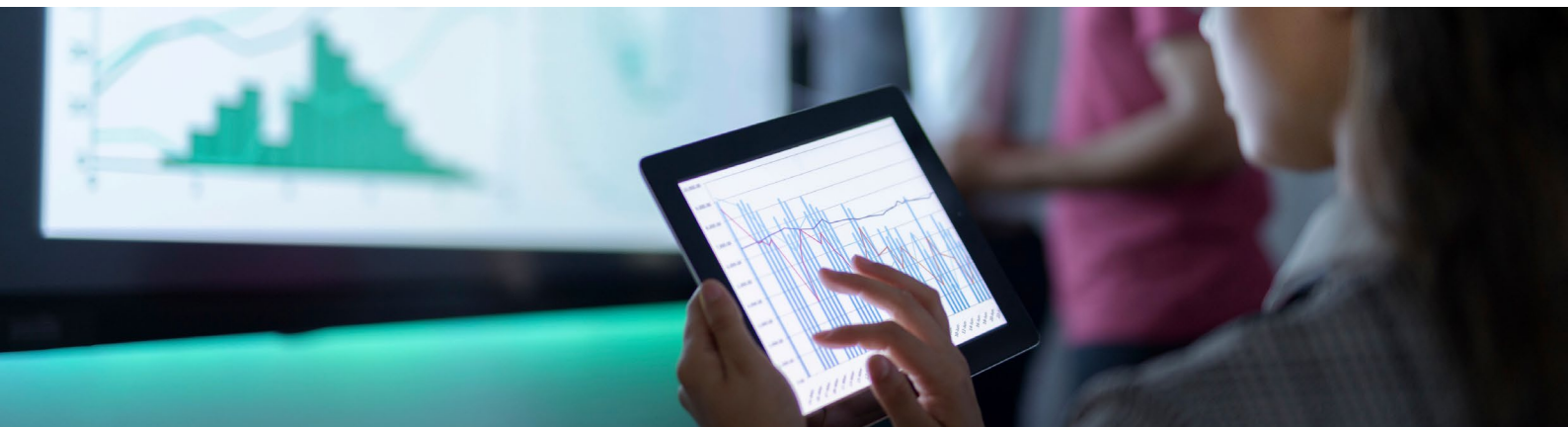
The overall quality objective under the QMSE framework is to have the necessary capabilities in our firm and to deploy our people to consistently use our methodologies, processes and technology in the delivery of Assurance services in an effective and efficient manner to fulfil the valid expectations of our clients and other stakeholders.

Quality monitoring provides our firm leadership with insight into the overall quality of our Assurance practice. Our firm's monitoring procedures include an ongoing assessment aimed at evaluating whether the policies and procedures which constitute our SoQM are designed appropriately and operating effectively to provide reasonable assurance that our audit, non-audit assurance and related services engagements are performed in compliance with laws, regulations and professional standards.

This is the 'second line of defence'. See Figure 5 for a summary of our monitoring programme ([Page 50](#)). This includes the use of RTA which is discussed in more detail on [Page 25](#) in the Quality Management Process section.

Our monitoring also encompasses a review of completed engagements (ECR) as well as periodic monitoring of our SoQM by an objective team within our firm. The results of these procedures, together with our ongoing monitoring, form the basis for the continuous improvement of our SoQM.

Our firm's monitoring programme is based on a consistent network-wide inspections programme for Assurance based on professional standards relating to quality control, including ISQC1 and the latest quality control standard, ISQM1, as well as network policies, procedures, tools and guidance.





Monitoring at engagement level

ECRs are periodic risk-focused reviews of completed engagements covering individuals in our firm who are authorised to sign audit or non-audit assurance reports. The review assesses whether an engagement was in compliance with PwC Audit guidance, applicable professional standards and other applicable engagement-related policies and procedures. Each signer is reviewed at least once every five years, unless a more frequent review is required based on the profile of that signer's client engagements.

ECRs are led by experienced Assurance partners, supported by objective teams of partners, directors, senior managers and other specialists. ECR reviewers are usually sourced from other member firms to provide appropriate expertise or objectivity. Review teams receive training to support them in fulfilling their responsibilities, and utilise a range of checklists and tools developed at the network level when conducting their inspection procedures. The network inspection team supports review teams by monitoring the consistent application of guidance on classification of engagement findings and engagement assessments across the network.

Monitoring at firm level

The PwC network undertakes periodic reviews to evaluate certain elements of member firms' systems of quality management. We also look at the member firm leadership's own assessment of the effectiveness of their system of quality management and their determination of whether the overall quality objective has been achieved.

Aim to Prevent: Real Time Assurance

PwC Thailand has had the RTA programme in place for a number of years. The RTA's key objectives are to:

- evaluate real-time quality improvements on selected engagements,
- assist engagement teams with enhancing audit quality, including documentation,
- assist engagement teams to comply with PwC audit methodology, accounting and auditing standards, and our risk management policies, and
- appraise the quality of individual performance.

Reviews involve an internal reviewer assessing the quality of a selected engagement using an engagement compliance review checklist questionnaire with supplementary local guides. Engagements are selected on risk-based criteria approved by the Assurance leader. These reviews are done in real-time so that teams can quickly remediate findings.

The review results contribute to evaluations under the Accountability Framework and partners, directors, and managers' R&Q indicators.

The use of experienced practice staff (including IT audit professionals) and technical support functions (e.g. M&T, R&Q, ACS) as reviewers in the RTA programme helps to coach engagement teams and identify shareable practices.



External inspections

Both local and foreign regulators have inspected PwC Thailand's Assurance practice over the past ten years, including the Securities and Exchange Commission of Thailand (SEC) and the US Public Company Accounting Oversight Board (PCAOB).



Securities and Exchange Commission of Thailand (SEC)

PwC Thailand and its partners are authorised by the SEC to do statutory audit work. The SEC regularly inspects PwC Thailand and annually reviews our quality control system and selected engagements.

In the latest full SEC inspection report issued in October 2021, we retained our overall rating of 'Excellent'. All ISQC1 elements were rated 'Excellent' and we achieved a full score. The 2022 inspection was undertaken in July 2022 and the SEC did not identify any findings or observations which warranted written comments. As this was desktop or limited scope inspection, no formal inspection report was issued by the SEC.



US Public Company Accounting Oversight Board (PCAOB)

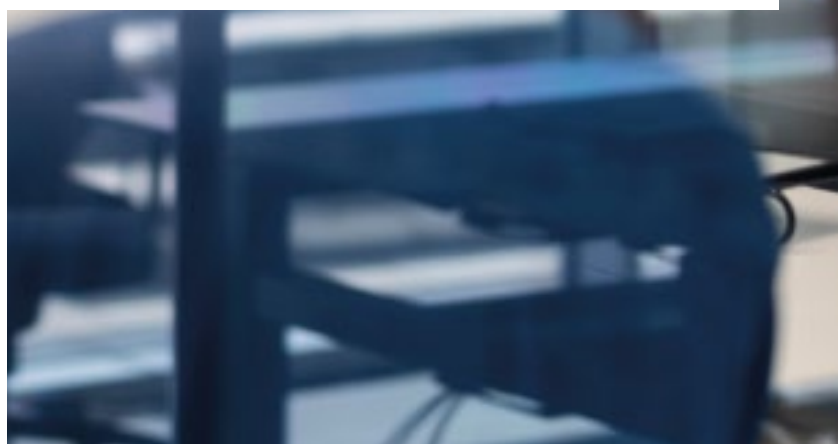
The PCAOB has inspected PwC Thailand in 2010, 2012, 2015, 2018 and 2021. There was no PCAOB inspection during 2022.

For all past reviews, the PCAOB reported no findings in our inspection reports published on their website. They also found no quality control defects that warranted discussion in the reports. The most recent inspection was completed in May 2021 with the final inspection report issued in August 2022. On one engagement, PCAOB raised a comment related to non-financial aspects of the audit. We have prepared a root cause analysis and are preparing the remediation plan to address the PCAOB's comments



Quality Performance Measures

- Number of audit quality reviews performed by the PCAOB and results
- Overall assessment of the firm's quality control system resulting from the SEC inspection



Learn: Root cause analysis

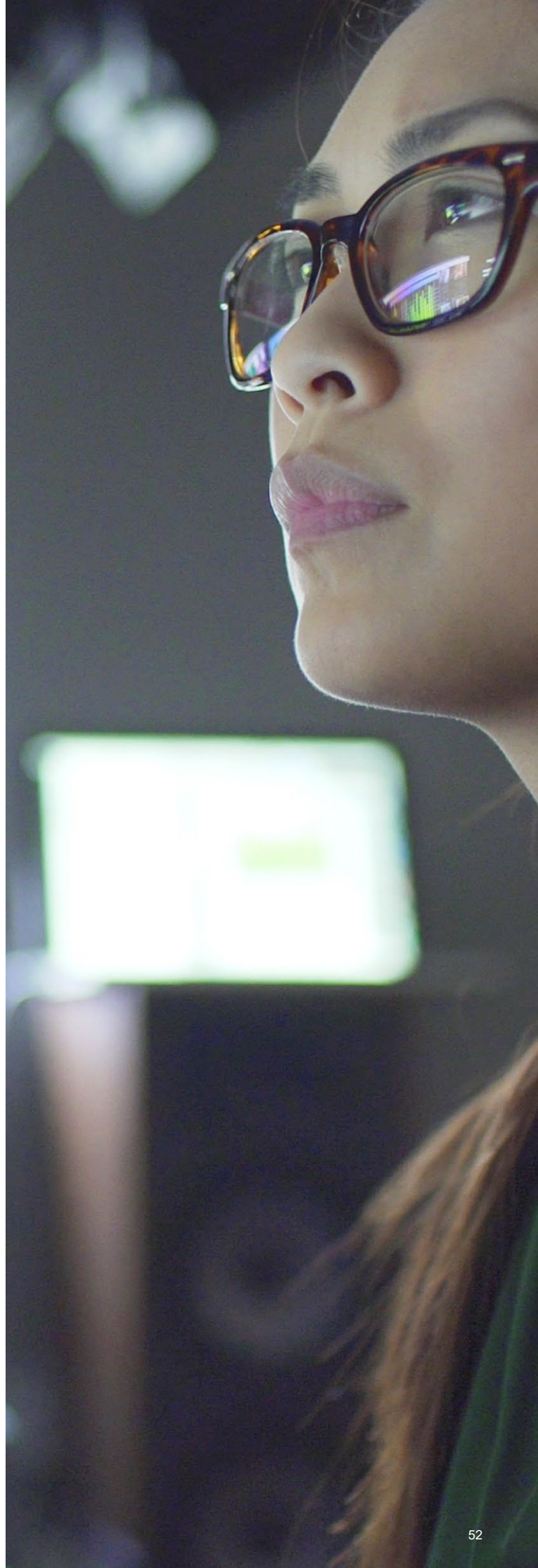
As part of the root cause analysis, we look at quality findings from all sources including our own ongoing monitoring. We also look at the network's inspection of our SoQM, audits both with and without deficiencies – whether identified through our internal inspections process or external inspections – and other inputs such as the Global People Survey and financial statement restatements to help identify possible distinctions and learning opportunities.

For individual audits, a team of reviewers identifies potential factors contributing to the overall quality of the audit. We consider factors relevant to technical knowledge, supervision and review, professional scepticism, engagement resources, and training, amongst others. Potential causal factors are identified by evaluating engagement information, performing interviews, and reviewing selected audit working papers to understand the factors that may have contributed to the audit's deficiency to develop an improvement plan.

In addition, the data compiled for audits both with and without deficiencies is compared and analysed to identify whether certain factors appear to correlate to the failure of audit quality. Our goal is to understand how quality audits may differ from those with deficiencies, and to use these learnings to continuously improve all of our audits. We evaluate the results of these analyses to identify enhancements that may be useful to implement across the practice. We believe these analyses contribute significantly to the continuing effectiveness of our quality controls.

The potential causal factors identified from the RCA process are critical inputs for developing a quality improvement plan prepared for each inspection cycle. The linkage of potential causal factors to the quality improvement plan will assist our leadership to assess whether the planned actions address the identified potential causal factors, and are therefore more likely to improve audit quality.

Based on the root cause analysis results, we develop a Quality Improvement Plan that addresses the root causes. The Quality Improvement Plan is presented and approved by our leadership team and then implemented and regularly monitored by the firm's Quality Committee.



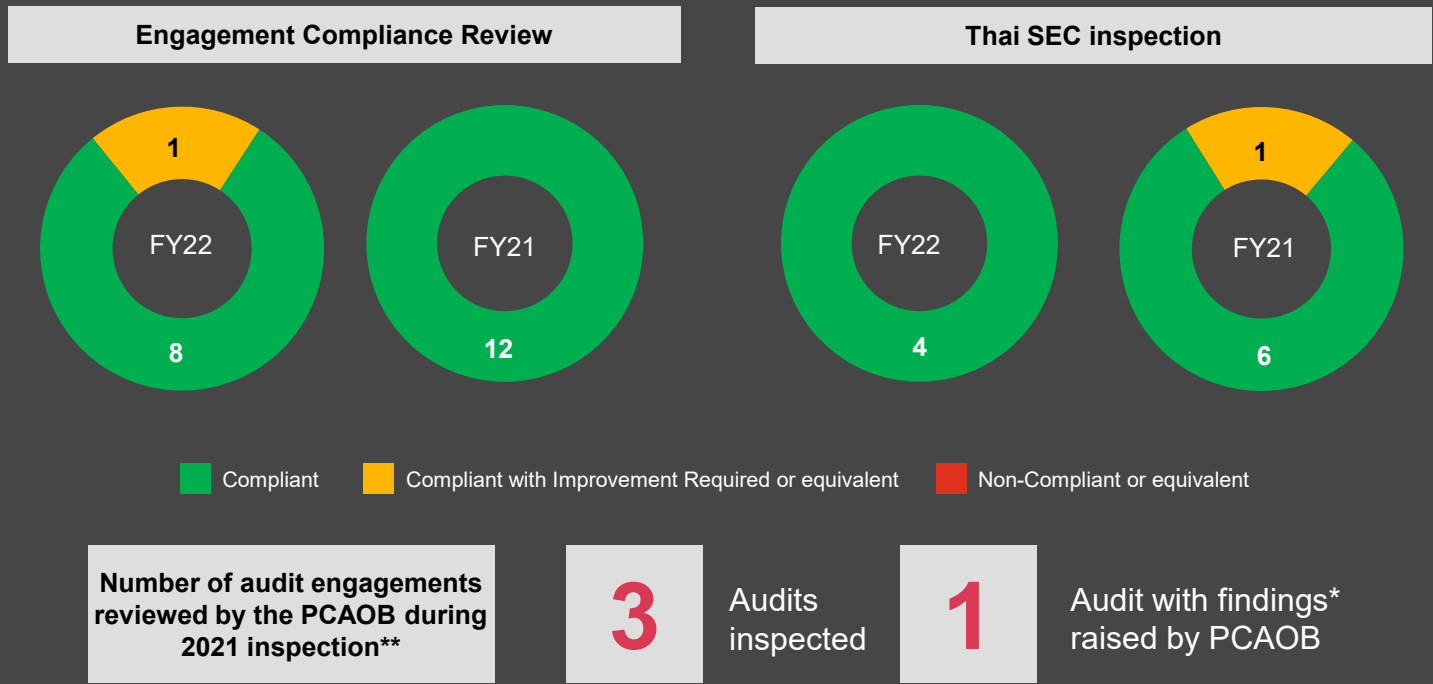
Communicate: Results of quality monitoring programme

The results of all reviews and inspections are reported to our firm’s leadership who are responsible for analysing the results of the inspections along with the findings identified from all sources of information and implementing remedial actions as necessary. In situations where adverse quality matters on engagements are identified, based on the nature and circumstances of the issues, the responsible partner or our firm’s Assurance leadership personnel may be subject to additional mentoring, training or further sanctions in accordance with our firm’s RAF (Page 25).

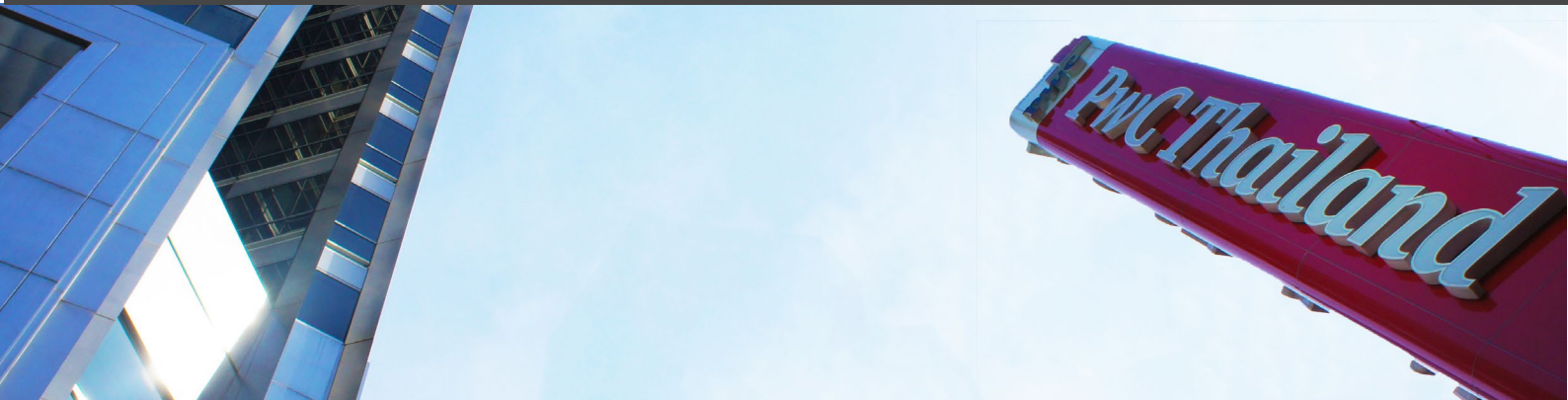
Partners and employees of our firm are informed about the inspection results and the actions taken to enable them to draw the necessary conclusions for the performance of their engagements. In addition, engagement partners of our firm are informed by the network inspection program about relevant inspection findings in other PwC member firms, which enables our partners to consider these findings in planning and performing their audit work.

Review and inspection results for PwC Thailand

Results from PwC Thailand audit engagement reviews – number of reviews, including the total number resulting in non-compliance



* Findings relate to non-financial aspects of the audit
** No PCAOB inspection during 2022



Legal and governance structure



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Legal and governance structure

PwC has had a presence in Thailand for more than six decades. Our clients include some of the largest Thai and multinational companies, and government institutions. Our close interaction with both economic and state bodies allows us to keep up with the fast-changing business environment. Around 1,559 people work at PwC Thailand.

PwC’s Assurance practice works with organisations to improve their corporate reporting and help them comply with regulatory requirements and contractual agreements.

Our audit approach is based on our extensive industry knowledge. It’s tailored to suit the size and nature of our clients’ organisations. Our deep understanding of regulations and legislation means we can help clients with complex reporting issues.

Leadership structure

Our leadership structure helps us maintain our commitment to quality in every facet of our business. See Figure 8 for the leadership structure ([Page 57](#)).

Our Risk & Quality practice agendas are part of all leadership meetings and incorporated in the firm and Assurance business strategies.

PwC Thailand is led by our:

- Chairman & CEO
- Firmwide Leadership Team, which is the Chairman & CEO’s management team
- Oversight Board, and
- Partners



Our global and Thailand resources

We have



327,947

people committed to delivering quality assurance, advisory and tax services.

	Globally	Thailand
Interns and Trainees	19,357	123
Associates	199,660	1,041
Managers	75,921	296
Directors	20,307	49
Partners	12,702	50
Total	327,947	1,559



Figure 5: Number of staff



Chairman & CEO

Chanchai Chaiprasit is the Chairman & CEO of PwC Thailand. In this role, he establishes the firm's overall policy and strategic direction. He is responsible for making the necessary determinations for partner matters as well as advising on partners' duties and responsibilities. Chanchai also manages and directs the firm's operation to ensure efficiency, effectiveness and alignment with the strategic priorities. In addition, he is responsible for the firm's risk management, quality and independence matters. To manage the risks, he develops processes and structures to ensure strategies are reviewed thoroughly, associated risks are identified and appropriate internal controls are implemented.

Chanchai's other responsibilities include appointing the Firmwide Leadership Team and other management positions as well as advising on the firm's organisational structure. The Chairman & CEO is elected by the firm's partners for a four-year term. Chanchai has been the Chairman & CEO of PwC Thailand since 1 July 2020.



Firmwide Leadership Team

The Firmwide Leadership Team comprises the Chairman & CEO, Line of Service leaders and functional leaders. The Firmwide Leadership Team members are responsible for executing the strategies, business affairs and overall administration under the direction of the Chairman & CEO. The Firmwide Leadership Team meets monthly, with additional meetings called when required.

PwC Thailand also has other key roles which are not part of Firmwide Leadership Team, namely the Country Leaders of Cambodia and Laos, Chief Digital Officer (CDO), Internal audit, Japanese Business Desk Leader and China Business Desk Leader. They are appointed by the Chairman & CEO and meet with the Firmwide Leadership Team when required.



Oversight Board

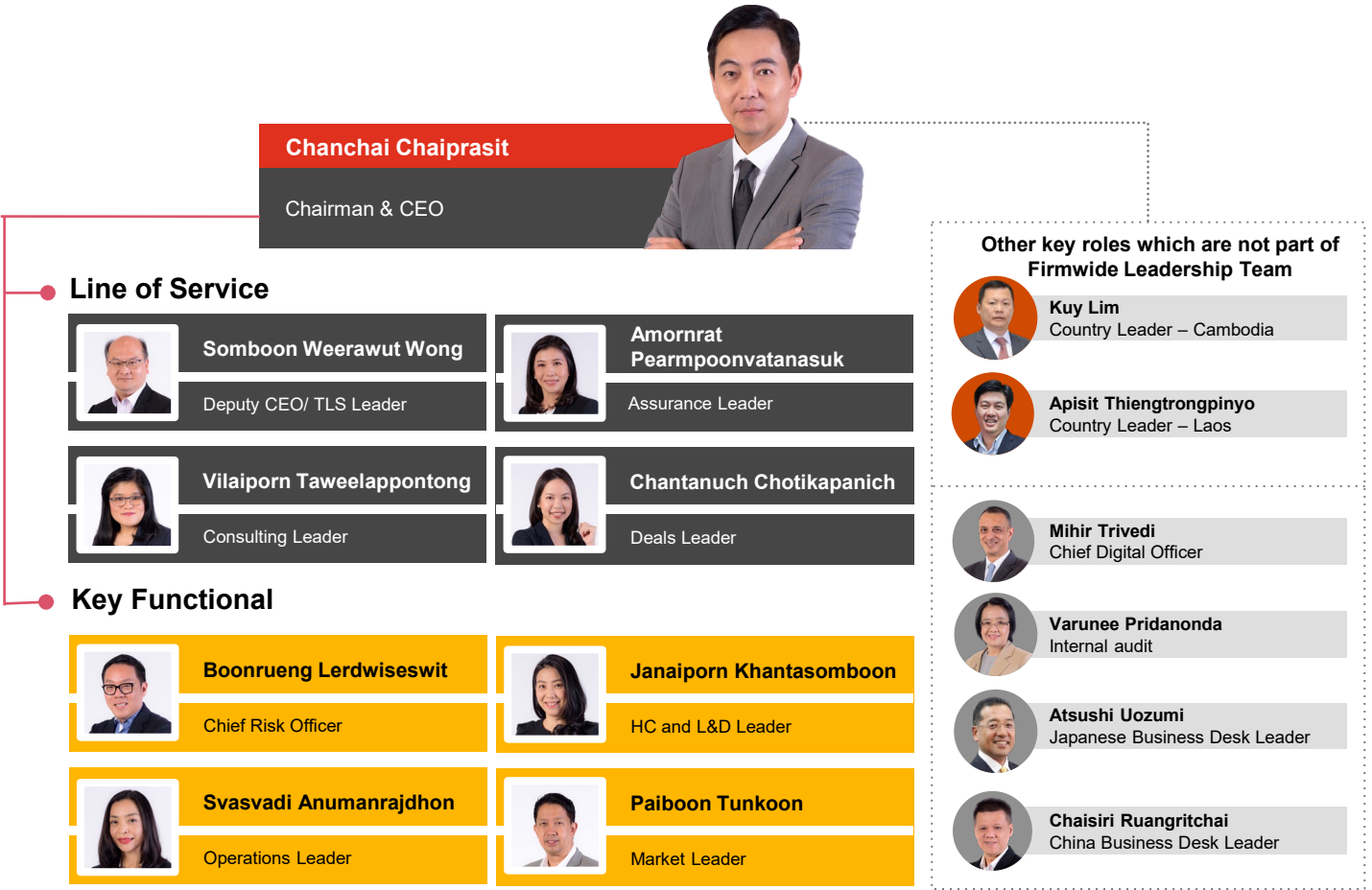
The Oversight Board is responsible for overseeing annual budgeting and business planning in line with the direction of PwC network as well as overseeing the personal target plan of the Chairman & CEO and agreeing with him on objectives and targets. Additionally, the Oversight Board is also in charge of protecting partners' interests including active oversight of areas directly affecting partners, such as admission and removal of partners, partner compensation and benefits and to address any grievances reported by individual partners.

Another aspect of the Oversight framework is regular communication with partners, informing them of the Oversight Board's activities and other relevant matters as well as taking steps to achieve an effective dialogue with partners to identify matters of concern and to sound their views on important issues, including the oversight of management. The Oversight Board currently comprises four partners who were elected by a majority of the firm's partners.



Our management structure

Firmwide Leadership Team



Assurance Leadership Team



Figure 6: PwC Thailand leadership structure

Corporate responsibility



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'Save the hornbills: The guardians of the forest' education, volunteering and competition at Khao Yai National Park from 7–8 May 2022

'Save the hornbills' is an ongoing, annual activity, which involves a series of educational and volunteer events.

1. Pre field trip presentation by scientists and hornbill experts, 26 April 2022

Live talk: Over 250 people joined the live discussion titled: The journey of the hornbill – the life and ecology of the bird. Emeritus Professor Dr Pilai Poonswad, known as the 'great mother of the hornbills' led the discussion, which also featured Assistant Professor Dr Jongdee To-im, Faculty of Environment and Resources, Mahidol University.

Objectives of the activity:

- An introductory presentation for those who wish to join the field trip to gain a basic understanding of the hornbill and the importance of this magnificent bird for the ecosystem.
- To learn more about the hornbill and forest conservation and what we can all do to help protect them, including those who don't attend the trip.

'By observing, we learn and are enlightened. Through observations and studies, we have built a body of knowledge to help us understand which species are endangered or of special concern.'



2. Field trip to the forest, the home of the hornbill, 7–8 May 2022

PwC Thailand hosted our annual field trip, 'Save the hornbills: The guardians of the forest' on 7–8 May 2022. This major CR event of the year taught our staff and interns about the vital role of nature in sustainability. It provided great inspiration for everyone to embody green values in their everyday lives and influence others to reduce our impact on the environment. The 40 participants received great insights from the Hornbill Rescue Foundation and Khao Yai National Park team, helping them to understand the important connections between the forest, animals and environment. The activities included walking along jungle trails, learning about the hornbills and their life cycle, a night safari and building salt lick areas for animals.

Local community work In addition to the hornbill conservation activities, we conducted some community activities with a local school. These activities are part of our Net Zero commitment and giving back to society to generate sustainable results. At the end of the trip, we presented a donation from PwC Thailand to the Baan Moosi school – a token of our support as part of our aim to give back to society and create a sustainable future for all.

The team arranged this trip to provide a hands-on learning experience as we believe conservation of forests and the environment is everyone's responsibility. The aim was to provide an activity that would educate the participants about these issues and influence their thinking and behaviour to appreciate and support nature beyond the trip. We need to consciously reduce our impact on the environment in our work and personal life every day. Such small actions play a big part in creating sustainable results for the society and communities in which we live.



It's through activities like this that we aim to steer our firm towards achieving our 2030 Net Zero commitments. #savethehornbillsyear1



‘Save the hornbills: The guardians of the forest’

3. Post field trip photo competition

We created a photo competition for participants of the field trip. Participants were asked to submit photos with descriptions that best represented their lasting impressions of the activities. More than 20 people entered the photo contest and we selected the five best entries with the best descriptions, which included how they would apply what they’d learned in the future.



Donate items to help those affected by the economic crisis and promote a circular economy

FY22's donation project started in December 2021 and lasted until the end of February 2022. We received many items from staff from all LoS and delivered them to those in need, including:

Unused medicines

Each year, Umphang Hospital provides healthcare services to more than 50,000 non-Thais with no health insurance. The hospital spends more than THB34m of its own money yearly to provide free healthcare to local patients who are in need but can't afford medical bills.

We initiated a donation project in which staff could donate their unused medicine. We also donated new medicine to support the hospital and increase its capability to help the local patients.



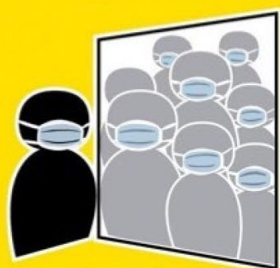
Clothes for charities

We initiated a donation project to encourage staff to donate their used clothes.

Clothes in good condition were selected by the CR team and donated to disadvantaged children and the poor. The rest of the clothes were sold, and the money raised was used to buy lunches for children in need as well as rice, canned food and small kitchen appliances.

This project wasn't only meant to save lives, but it also gave us a great chance to contribute to society.

Last but not least, we delivered clothing donations to the Mirror Foundation so they could be distributed throughout the country through its network.



มูลนิธิกระจกเงา
The Mirror Foundation

มูลนิธิกระจกเงา
The mirror foundation

“การแบ่งปันของคุณ เปลี่ยนแปลงสังคมได้”

Volunteering activities at a glance

Support the Rangers, Save the Forest', 10th anniversary! (25 - 27 June 2022)

The CR Committee organised this special 10th anniversary trip to Kui Buri National Park and the Sirindhorn International Environmental Park for 80 PwC staff and intern volunteers, Khun Paiboon Tunkoon and Khun Amornrat Pearmpoonvatanasuk (partners) and Khun Chanchai Chaiprasit (Chairman & CEO). Our volunteering achievements and the connections we made with local people left us with enduring memories and great pride.

Our internal firm promotions for this trip resulted in an overwhelming response. More than 300 colleagues registered to take part. But due to accommodation and venue limitations, we had to limit the numbers, which also meant we could provide better event management and more-focused voluntary services.



Team activities

Activity 1: Sharing happiness with the students of Ban Ruam Thai School and Ban Yan Sue Border Patrol Police School

- Repairing floor tiles and painting the classroom and toilet walls

Activity 2: Forest and wildlife conservation at Kui Buri National Park

- Building artificial salt licks to create mineral resources for wildlife in the area
- Cleaning water pans that hold water for wildlife

Activity 3: Ecosystem and marine ecosystem conservation

- Planting mangroves
- Releasing crabs, fish and sea life at the sanctuary

Our CR activities have contributed to the continual improvement and sustainability of the natural resources in the area and will continue to play a part in making the world a better place. The sapling trees we planted will grow into mature, healthy adults, providing long-lasting ecological benefits to their environment.

One of the key takeaways is the need to rethink how we can reduce our impact on the environment. At the same time, we all should think more about how we can help different communities and participate where we can. A collaborative effort from all parts of society is required, while understanding that our actions impact the lives of others, and vice versa. This is part of our firm's mission to help solve important problems and build a better society.

Many of our volunteers shared similar feedback after returning from the activities: the overwhelming consensus is that by doing something for others, it can help heal society, but also one's heart.



Take a look at the pictures of our adventures and special moments.

In the meantime, look out for the next set of CR activities and be a part of something bigger.

Committing to Net Zero by 2030

In September 2020, PwC made a worldwide climate commitment to achieve Net Zero by 2030. This means that as a network, we're taking a series of measures to achieve net zero greenhouse gas (GHG) emissions over the next decade. This includes reducing emissions from our operations, particularly air travel and energy management, investing in carbon offsetting projects, engaging and supporting our suppliers to decarbonise, as well as engaging clients and playing an important role in public policy discussions.

The move plays an important role in putting our purpose into action and developing our Environment, Social and Governance (ESG) platform.

Net Zero refers to the goal of reducing GHG emissions. We aim to balance what's left by removing an equivalent amount from the atmosphere. Science dictates that every part of the economy needs to decarbonise by 2050 at the latest to avoid catastrophic climate breakdown.

Our commitment



Operations: We commit to reducing the carbon emissions we produce by a minimum of 50% by 2030 in line with science-based targets.



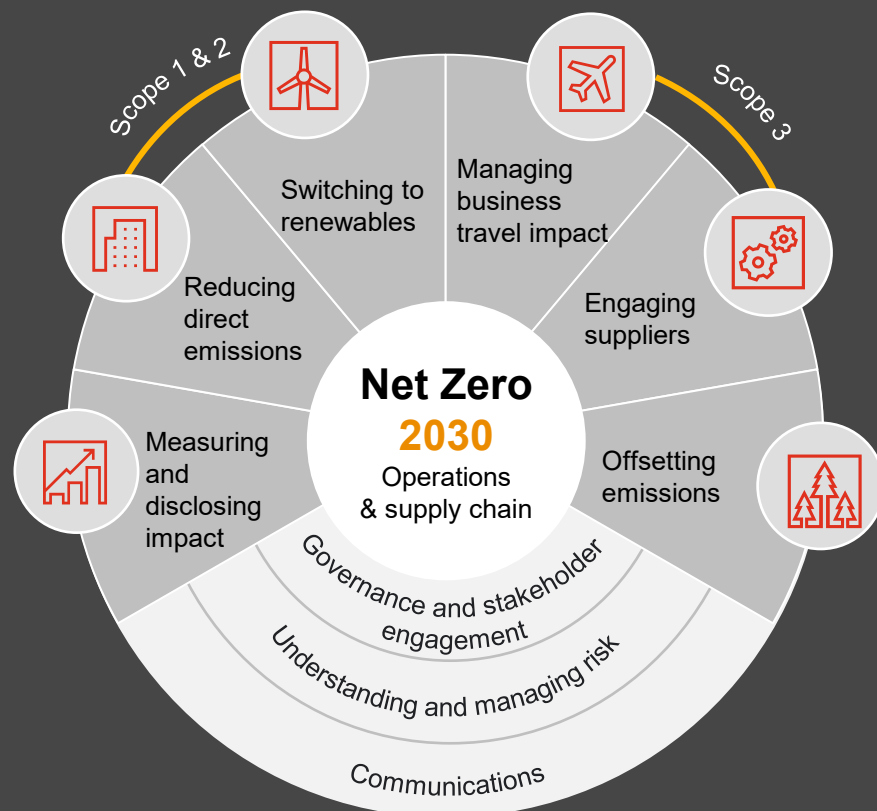
Clients: We work with our clients to support their efforts to make a net zero future a reality for all.



Suppliers: We engage with our key suppliers, encouraging and supporting them to achieve net zero.



Climate agenda: We continue our long-standing programme of research and collaboration with business, policy makers and NGOs to accelerate towards a Net Zero economy.

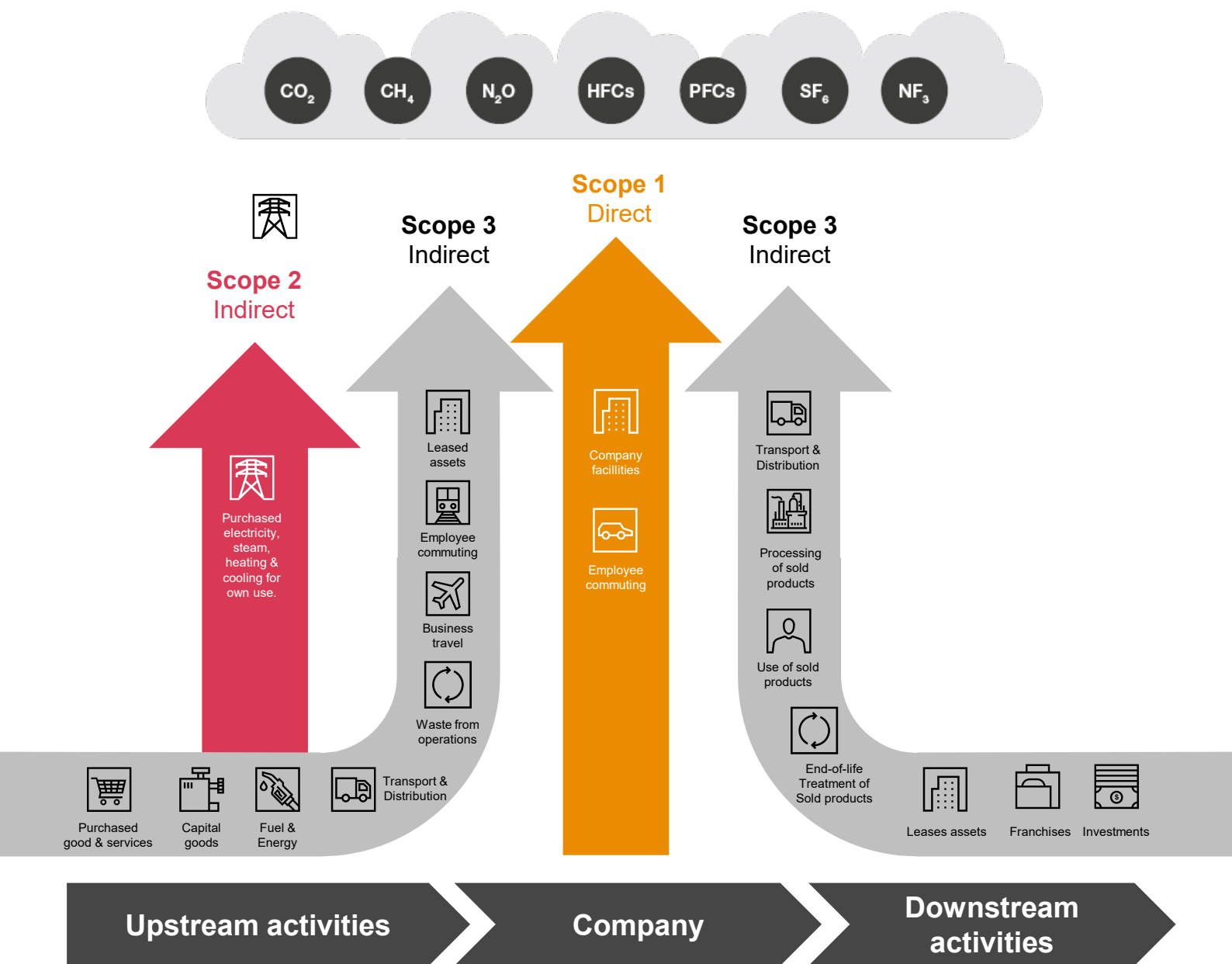


Our approach to achieving our Net Zero commitment is based on the carbon mitigation hierarchy

1. Avoid – eliminate our impact through design – rethink our business strategy
2. Reduce – do what we do more efficiently
3. Replace – replace high carbon energy sources with low carbon
4. Offset – offset emissions that aren't eliminated by the above

PwC carbon footprint measurement

Scope 1	Scope 2	Scope 3
All direct emissions from the activities of an organization or under their control. Including fuel combustion on site such as gas boilers, fleet vehicles, and air-conditioning leaks.	Indirect emissions from electricity purchased and used by the organization. Emissions are created during the production of the energy and eventually used by the organization.	All other indirect emissions from activities of an organization, occurring from sources that they do not own or control.
		These are usually the greatest share of the carbon footprint, covering emissions associated with procurement, transport & distribution, product use, and product end of life.
		These also can be the most challenging to address.



What we've achieved so far



1. Completed data collection and reporting

Updated our GHG inventory from the FY19 baseline to FY21. It covers scope 1, 2 and 3 (air travel, business travel, accommodation, electricity, paper, water use and purchasing goods and our supply chain), as required by the Global team. This enables us to calculate the largest source of greenhouse gas emissions from company activities in PwC so we can identify the root cause of emissions can adjust our strategy and business activities accordingly.

2. Established a greener workplace

- Decorated the office with air purifying plants to improve the working atmosphere and air for employees
- Promoted a paperless campaign by reducing printing and paper use such as using e-invoices and e-documents whenever possible and avoiding unnecessary printing. Converted from paperwork to digital work and monitored the quantity of paper used.
- Replaced equipment with green and organic products, such as toilet paper, hand washing gel and other washing liquids.



3. Green procurement Initiative

Encouraged staff to consider to choose products and services that cause minimal adverse environmental impacts. The procurement staff prioritise the environment when searching for eco-friendly products and services at competitive prices. More broadly, we have improved sustainable procurement to include human health and economic concerns. We are also revisiting purchasing policies to promote green demand. We plan to establish criteria for evaluating supplier performance over the planned or expected operating lifetime, when procuring products, equipment and services that are expected to have a significant impact on the organisation's environmental performance.

What we've achieved so far

4. People engagement and communication

4.1 Initiated plan of internal campaign and communication – monthly Net Zero and CR newsletter Our monthly Net Zero newsletter shares information about the environment and promotes Net Zero awareness, and includes the questions and games. Respondents are rewarded with environmental friendly products such as shoes made from recycled ocean plastic, bags from recycled materials and lots more green items.

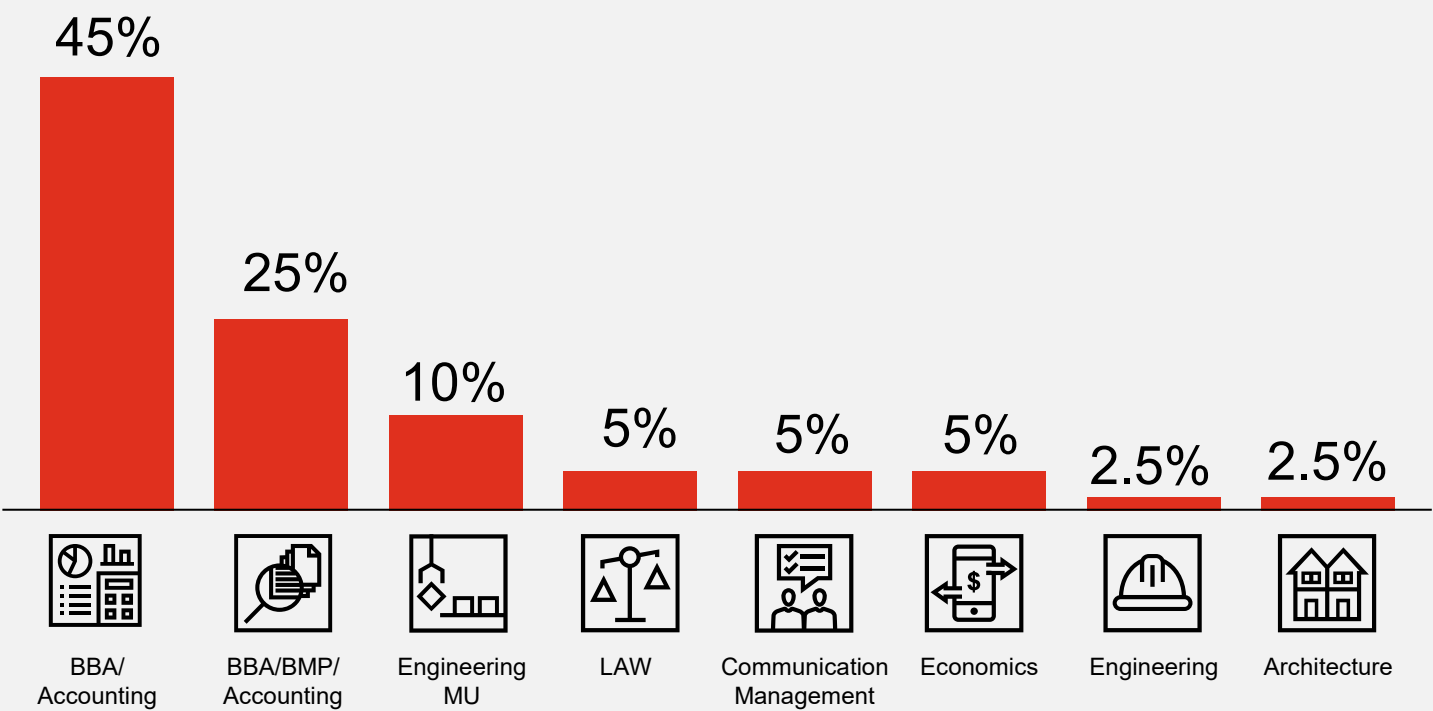


4.2 Initiated PwC Net Zero green passport and dashboard to engage staff in Net Zero activities. Staff who participate in the event earn participation points and additional quiz points, which accumulate throughout the year. All staff can view their scores from an online dashboard report where they can see who is leading the event. Our firm will offer a big prize at this year's event which will be presented by the executives.



4.3 Net Zero talk forum and sustainability campaign

Participants rate grouped by academic field studies



The Youth Sustainability Challenge: YGGNITE programme, September 2021. We hosted several sharing sessions for students from the most popular universities in Thailand to understand more about PwC and our ESG positioning and Net Zero commitments. This included our data collection on carbon emissions – four priorities: business travel, managing suppliers, electricity and paper use, and employee engagement. The participants met with our leading consultants on ESG and the environment and took part in a pitching session to a judges panel using a scoring dashboard. Each team had to pitch their proposal to the panel in English. The highest scoring team received THB10,000.



Fashion, 3 December 2021: We discussed fashion from a sustainability point of view, encouraging us to think of our impact on the world every morning when we open the wardrobe. We had guests speakers from Maddy Hopper and Moreloop who represent a new generation that connects dressing and environmental protection in creative ways.



Gender equality today for a sustainable tomorrow, 8 March 2022: A celebration of International Women’s Day 2022. This live talk was presented by Khun Amornrat Pearmpoonvatanasuk (HC Leader) and Khun Sinsiri Thangsombat (Assurance Leader) who spoke on the topic: *On top of her game: Celebrating women leaders*. Also, Kulawal Supesuntorn (ESG Leader) and Dr. Sasamon Monthalay shared their expertise on: *PwC’s leading women: Driving global sustainability efforts and ESG*.

what we've achieved so far



The journey of the hornbill, 26 April 2022: We organised the live talk to raise awareness about fertile forest conservation and the important role the endangered hornbill plays in preserving the forest. A collaboration between Mahidol University and PwC, PwC executives participated in online activities for the event. Professor Emeritus Dr. Pilai Poonsawat, known affectionately as the mother of hornbills, and Asst Professor Dr. Jongdee Toim, Faculty of Environment and Resources, shared their experiences from field work with the hornbills.



Food – Healthy diet, happy planet, 23 June 2022: We promoted conversation for the next generation by meeting with the eco-founder of Laika, Asia's first innovative manufacturer and distributor of high-quality dog food made from insect protein. Also, the Network Development Manager from Scholars of Sustenance Thailand (SOS Thailand) introduced us to the first food rescue foundation in Thailand that's addressing the problem of food waste. They work with leading organisations to provide a 'Food Bank of Thailand'. The speaker also owns website 'Deliconscious', which shares facts about food to inspire people to 'eat mindfully' and 'save yourself and our world'.



Hero to the Net Zero workshop, 27 June 2022: This event at the Sirindhorn International Environmental Park, explained the system of Scope 1, 2 and 3 carbon emissions. PwC staff and interns participated in an activity to calculate the carbon emissions (tCO₂eq, tonnes of carbon equivalence) from our activities including discussing ideas and their commitments on how to reduce the carbon footprint in PwC office and their own activities.





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