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Agenda

- 01 Welcome, Introductions & Topic Overview
- 02 Introducing the global ESG regulatory landscape
- Overview of non-financial reporting regulations
- Deep Dive: CSRD & impact on companies in Asia Pacific region
- 05 How can KPMG help you?
- 06 Q&A Session

02

Introducing the global ESG regulatory landscape



Global ESG regulatory landscape: Overview

California climate rule



Focus on companies in California

- Scope: Public or private companies doing business in California
- Disclosure: Detailed requirements to report GHG emissions and climate risks, including fines and penalties
- Assurance requirement: Initially limited assurance for scopes 1 and 2, with transition to reasonable assurance (TBD for scope 3)

SEC climate rule

Investor and public company focus

- **Scope:** Nearly all US SEC registrants, including foreign private issuers
- **Disclosure:** Detailed requirements to report on climate
- Assurance requirement: For accelerated and large accelerated filers, initially limited assurance for scopes 1 and 2, with transition to reasonable assurance



Chinese sustainability reporting guidelines (Proposal)

Focus on companies listed in China

- Scope: Listed companies in China and first reporting starts from FY 2025
- Disclosure: Detailed reporting on climate change, energy use, supply chain, circular economy rural revitalization and biodiversity across governance, strategy, IRO management and indicators and goals.
- Assurance requirement: No clarity on Assurance requirement.

Corporate Sustainability Reporting Directive (CSRD)

Multi-stakeholder focus, including investors

- Scope: Listed and private EU companies or groups and non-EU companies or groups with significant operations in the EU
- Disclosure: Comprehensive disclosures across
 Governance, Strategy and granular requirements on
 sustainability impacts, risks and opportunities
- Assurance requirement: Mandatory limited assurance required, with intent to mandatory reasonable assurance at a later stage

EU Taxonomy

A framework to facilitate sustainable investment

- Scope: Large EU PIEs and other large companies in EU
- Disclosure: Reporting of KPIs for taxonomy eligible and aligned economic activities (Quantitative and Qualitative disclosures)
- Assurance requirement: Mandatory limited assurance required, with intent to mandatory reasonable assurance at a later stage

ISSB Standards (Investor focus)



Investor focus

- Scope: As determined by individual jurisdictions
- Disclosure: General principles, including requirement to report across all sustainability-related risks and opportunities. Topicspecific standard on climate
- Assurance requirement: No mandatory assurance. Responsibility of each adopting jurisdiction



Multiple reporting standards for ESG Reporting

O Two ISSB Standards

- Investor focus
- General principles, including requirement to report across all sustainability-related risks and opportunities
- · Topic-specific standard on climate
- · Climate-first option available in the first year of reporting

O Twelve ESRS standards under CSRD

- Multi-stakeholder focus, including investors
- · Core principles for disclosure, not limited to climate
- To date, granular requirements published for sustainability impacts, risks and opportunities

O EU Taxonomy Regulation

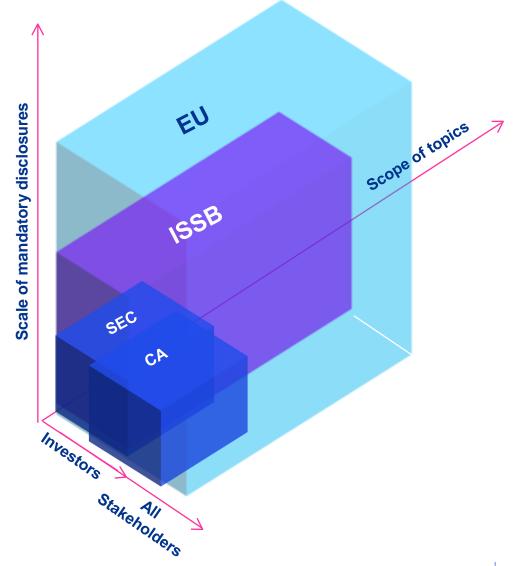
- · A framework to facilitate sustainable investment
- The Taxonomy is a 'green' classification system that defines which economic activities can be considered sustainable
- Taxonomy-aligned reporting/disclosures are mandated through a variety of regulations

One SEC climate proposal

- Investor and public company focus
 - · Detailed requirements to report on climate
 - Recent proposals (e.g. cyber, human capital)

One California climate rule

- Focus on all companies doing business in CA
 - Signed into law on October 7, 2023
 - · Detailed requirements to report GHG including fines and penalties



03

Overview of non-financial reporting regulations



Corporate Sustainability Reporting Directive (CSRD)



WHO in scope and WHEN to report



• Large EU-PIEs: FY24

• Other large EU companies: FY25

Certain listed EU SMEs: FY26 (Option to opt out 2 Years)

Ultimate Non-EU Parents: FY28

WHERE to report?



Reporting in the Management Report

Digital reporting of sustainability information in line with the **European Single Electronic Format (ESEF)**

At the same time of financial statements

Assurance Obligation



Limited Assurance according to ISAE 3000 or a comparable standard will be mandatory

Reasonable Assurance to follow

WHAT to report?

Topics of CSRD







Governance

Reporting Levels of the Corporate Sustainability Reporting Directive (CSRD)

Sector-agnostic Standards

ESRS 1 — General Requirements

ESRS 2 — General

Disclosures ESRS E3 — Water & marine resources

change

ESRS E4 — Biodiversity & ecosystems

ESRS E1 — Climate

ESRS E2 — Pollution

ESRS E5 — Resource use & circular economy

ESRS S1 — Own workforce

ESRS S2 — Workers in the value chain

ESRS S3 — Affected communities

ESRS S4 — Consumers & end-users

ESRS G1 — Business Conduct

I. Governance

Reporting Areas

II. Strategy

III. Implementation

IV. Metrics & Targets

Sector-specific Standards (Set 2,3,4) to come



EU Taxonomy



WHO in scope and WHEN to report



WHERE to report?



Assurance Obligation



Large EU-PIEs by FY23 Other large EU companies by FY25 By FY24 Eligibility and alignment for all six environmental objectives.

Reporting in the **Management Report**

Limited Assurance

Reasonable Assurance to follow

WHAT to report?

Eligibility



Verify the company's economic activities in the list of eligible activities

List of eligible activities for the six environmental objectives is publicly available on the EU Taxonomy Compass

https://ec.europa.eu/sustainable-financetaxonomy/taxonomy-compass



03

Alignment

Substantially contribute to at least one environmental

Do no significantly harm (DNSH) to any other environmental objective



ILO Core

Labour

Standards

of Human Rights

Principles on Business & Human Rights

Comply with Minimum safeguards

OECD



Reporting

05

Reporting of KPIs for taxonomy eligibility and alignment

a) KPIs per economic activity

- Turnover
- CapEx
- OpEx

b) Qualitative disclosures

- Accounting policy
- · Assessment of EU Taxonomy compliance
- Contextual information



objective

Climate change adaptation

Protection of water and marine resources

Transition to a circular economy

Pollution prevention and control

Protection of biodiversity & ecosystems

For eligible activities, the company continues the analysis of the technical screening criteria to check whether the activity complies with Substantial contribution, DNSH and Minimum safeguards



California Climate Rules



WHO in Scope

US businesses (public and private)

- Doing business in California
- Total revenue > \$1B {for SB-253}
- Total revenue > \$500M **{for SB-261}**
- Includes US subs of non-US companies
- SB 261 scoping excludes insurance companies

Over 10,000 US companies will be subject to the climate disclosure requirements in the near term.

Awaiting the CARB adoption of implementation regulations; implementation costs and timeline



WHAT to Report (Overview)

It covers three landmark climate disclosure bills

SB-253- Climate corporate data accountability act

Major areas covered

Scopes 1, 2 and 3 greenhouse gas (GHG) emissions in accordance with the **GHG Protocol**

If already reporting under another mandatory standard, no need to duplicate. SB-261- Climate related financial risk act

Major areas covered

Climate-related financial risks and measures adopted to reduce and adapt to climate-related financial risk in accordance with the TCFD or successor body (ISSB)

AB-1305- Voluntary carbon market disclosure

Major areas covered

Supplements global anti-greenwashing enforcement trends for voluntary carbon offsets and emissions reduction claims.



WHEN to report

SB-253: Annual reporting

- starting Jan 1, 2026 (2025 data) for scopes 1 and 2
- starting Jan 1, 2027 (2026 data) for scope 3

SB-261: Biennial reporting

starting on or before Jan 1, 2026



WHERE to report

SB-253: Annual submission on publicly accessible digital platform

SB-261: Biennial disclosure on an entity's website



Assurance

Initially limited assurance for scopes 1 and 2, with transition to reasonable assurance (TBD for scope 3)



SEC Climate Rule



WHO in Scope

- Public companies and investors
- A registrant with Exchange Act reporting obligations pursuant to Exchange Act Section 13 (a) or Section 15 (d) and companies filing a Securities Act or Exchange Act registration statement
- Includes Foreign Private Issuers



Disclosure in annual reports, including MD&A, financial statements, and potentially a separate section as per SEC guidelines



WHAT to Report (Overview)

It would require companies to disclose GHG emission, exposure to climate-related risks and their efforts to mitigate those risks

Specific disclosures requirements under SEC:

- Provide certain climate-related financial expenditure metrics, financial estimates and assumptions used.
- Disclosure of material and/or potential impacts of climate-related risks on business strategy, outlook, or financial position over short (the next 12 months) vs. long term (beyond the 12 months).
- Separate disclosure needed for Scopes 1 and 2 GHG emissions, if material,
- Board and management structure and oversight of climate-related risk including committees and their expertise.
- Risk Management- Processes of identifying, assessing, and managing climate-related risks and Transition plan disclosure.
- Attestation requirements- Limited assurance moving to reasonable after 2 years.



WHEN to report

Assurance

Large accelerated filer:

- Disclosures other than GHG and financial estimates and assumptions in Fiscal Year Beginning ("FYB") 2025
- Scope 1 & 2 GHG and financial estimates and assumptions disclosures in FYB 2026

Accelerated filer:

- Disclosures other than GHG and financial estimates and assumptions by FYB 2026
- Financial estimates and assumptions disclosures by FYB 2027
- Scope 1 & 2 GHG disclosures by FYB 2028

Small reporting company, emerging growth company, and Non-Accelerated filer:

- Disclosures other than financial estimates and assumptions by FYB 2027
- · Financial estimates and assumptions disclosures by FYB 2028
- · No GHG emissions reporting requirements

Large accelerated filer:

Assurance: Limited assurance on GHG by FYB 2029 and Reasonable assurance by FYB 2033

Accelerated filer:

Assurance: Limited assurance by FYB 2031 and no Reasonable assurance requirement



International Sustainability Standard Board (ISSB)



WHO is in scope and WHEN to report



As determined by individual jurisdiction.

Applicable for broad range of listed and private companies in EU and companies with significant operations in the EU.

Timing: FY24

WHERE to report?



Mandatory reporting in the Annual Report.

Information included outside the annual report via cross-referencing to other documents, e.g.; a sustainability report.

Not required in financial statements, but permitted via cross-referencing

Assurance Obligation



The ISSB cannot require companies to obtain assurance, but many jurisdictions may require it.

Companies must engage with internal audit teams to design procedures to be ready for assurance.

WHAT to report?

Climate Reporting Areas I. Governance

II. Strategy

III. Risk management

IV. Metrics & Targets

Reporting Levels of the International Sustainability Standards Board (ISSB)

Sector-agnostic Standards

IFRS S1 — General Requirements for Disclosure of Sustainability-related Financial Information

Major areas covered-

Basis of preparation

Oversight

Management role

Identification of impacts, risks and opportunities

Metrics measurement and requirement

IFRS S2 — Climate-related Disclosures

Major areas covered-

Oversight- assessment frequency, expertise, reporting Effects of impacts, risks and opportunities Sector-specific and industry specific requirements Information about actions, plans, resources, targets Time horizon

Sector-specific Standards

Entity-specific Standards

ISSB Adoption

Asia Pacific countries that adopted/will adopt ISSB are Australia, Hong Kong, Japan, Korea, Malaysia, Singapore, and Taiwan.

Other ASPAC countries that support ISSB but have no formal announcement on implementation are China, Indonesia, Philippines, Thailand, Vietnam, and Cambodia.

What Next- IFRS S1 and IFRS S2 will be applicable for organizations reporting for FY24. Upcoming standards will include disclosure requirements around biodiversity, human capital, human rights, etc.



ISSB adoption by Asia Pacific



Country/Territory	ISSB adoption	Country/Territory	ISSB adoption
Australia *	In October 2023, the Australian Accounting Standards Board (AASB) released an exposure draft (ED) for disclosure of climate-related financial information in which ISSB standards is used as a baseline to develop Australian-specific sustainability-related financial disclosure requirements	New Zealand	Aotearoa New Zealand Climate Standards (NZ CS), as issued in December 2022, are the mandatory climate-related disclosure standards for Aotearoa New Zealand and will remain so. The External Reporting Board (XRB) considers there is a high degree of interoperability between NZ CS, the TCFD recommendations and the ISSB standards.
China	China Stock Exchanges announced mandatory sustainability reporting requirements for listed companies, including a new requirement for hundreds of larger cap and dual-listed issuers to begin mandatory disclosure on a broad range of ESG topics in 2026.	Philippines	The Philippine Sustainability Reporting Committee (PSRC) is evaluating the ISSB standards for local use.
Hong Kong (SAR), China	HKEX consulted the market to enhance climate-related disclosures based on IFRS S2 with effect from 1 Jan 2024, and the conclusion is to be finalized in 2023 Q4.	Singapore	ISSB equivalent regulation is expected in FY25.
Indonesia	The Institute of Indonesia Chartered Accountants has shared its support for the ISSB standards in a comment letter but has made no formal announcement on potential implementation.	Thailand	There is currently no specific date for the mandatory adoption of ISSB standards.
Japan	Japan plans to issue its draft sustainability disclosure standards, which consistent with the ISSB's framework by March 2024 and to finalize these standards by March 2025. These disclosure rules are expected to apply to listed companies in Japan.	Taiwan	TW FSC proposed that companies shall prepare their ESG information based on ISSB standards beginning in 2026 in phases.
Korea "	The Korea Accounting Institute and the Korea Sustainability Standards Board are assessing the feasibility of adopting the ISSB standards domestically. The FSC is expected to largely draw upon the ISSB standards.	Vietnam	There is currently no specific date for the mandatory adoption of ISSB standards.
Malaysia	The adoption of ISSB was announced in Feb 2024 for mandatory reporting requirements for listed and large companies.		



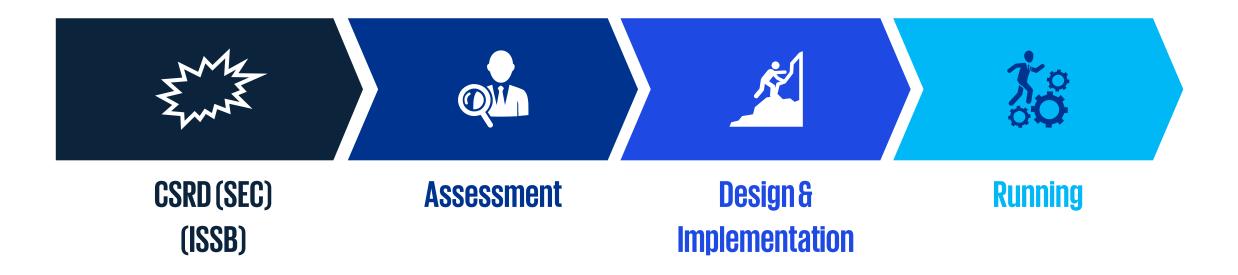
04 Deep Dive: CSRD



Client ESG Reporting Journey

Drivers

ESG Reporting Client Journey Phases



We experienced that companies who need to start reporting in **2025**, are at the end of the **Assessment phase** and are requesting assistance for the **Implementation phase**.

On the other hand, companies who need to report in **2026** are reaching out for support for the **Assessment phase**

Steps of the CSRD Assessment Phase

1: Scope of reporting

2: Double Materiality Assessment

3: ESRS Gap Assessment

4. Roadmap

Objective:

 Definition of CSRD reporting obligations and requirements for group and subsidiaries, as basis for materiality analysis and readiness assessment

Objective:

 Identification of ESG material topics in compliance with current CSRD regulation

Objective:

 Transparency on compliance gaps compared to the CSRD requirements as well as clarity and prioritization of fields of action

Objective:

 Roadmap and workplan for phase 2 (implementation) including discussions on ESG reporting organization and transformation.

Key Actions:

- Review all fully consolidated legal entities with respect to CSRD scoping criteria
- Consider non-consolidated entities, Joint Arrangements and Public Interest Entities ("PIE")
- Determine data requirements required across relevant standards and frameworks
- Draft reporting strategy on group level

Key Actions:

- Introduce to CSRD requirements of materiality analysis (methodology, scope, documentation)
- Workshops to perform materiality analysis according to ESRS 1/2
- Provide of templates to perform materiality analysis according to CSRD
- Audit ready documentation of results

Key Actions:

- Perform high level gap assessment according to ESRS based on publicly available information only
- Perform detailed gap assessment according to ESRS based on publicly available information and client interviews for material topics
- Derive of customized recommendations per topic

Key Actions:

- Workshop sessions with the client team
- Agree on implementation: phases, activities, outcomes, responsibilities, teams
- Design of ESG Reporting organization
- Transformation plan
- Deliver project plan for implementation with priorities and estimation of effort (time, resources and cost)



Facts and figures

Captured companies in EU in 2024-25



Entities in scope in EU 320 olo Increase -50k 11,600 NFRD until FY 2023 CSRD from FY 2024

CSRD Corporate Sustainability Reporting Directive

- 12 new binding European Sustainability Reporting Standards (ESRSs), more to come in 2025
- · Reporting as part of the management report
- Mandatory limited assurance required, with intent to mandatory, reasonable assurance at a later stage
- Mandatory double materiality assessment in accordance to ESRS 1 & 2



Criteria for application

- EU based public interest entities (PIEs)
- All large EU based companies including large subsidiaries of non-EU parents/headquarters

Large means meeting two of the following:

- > 250 employees (annual average)
- > €50M in net turnover
- > €25M in total assets

Listed SMEs from 2026 onwards, with deferral option





Audit clients

ESG Assurance

Non-audit clients

ESG Advisorv



Almost every KPMG member firm client is in scope of CSRD

50k "In Scope" EU companies

10k Non-EU HQ affected

 Subsidiaries of Non-EU HQ to prepare an (artificial) group consolidation at a certain EU level, probably in Germany, BeNeLux or Ireland

SME in Supply chain affected



EU regulations trigger ESG reporting requirements globally

CSRD starts in Europe and affects companies worldwide



CSRD, SEC and California Act...

ESG Reporting Advisory for the US region is focused on SEC and other regulatory requirements.





50,000 companies in EU CSRD, ISSB and EU Taxonomy

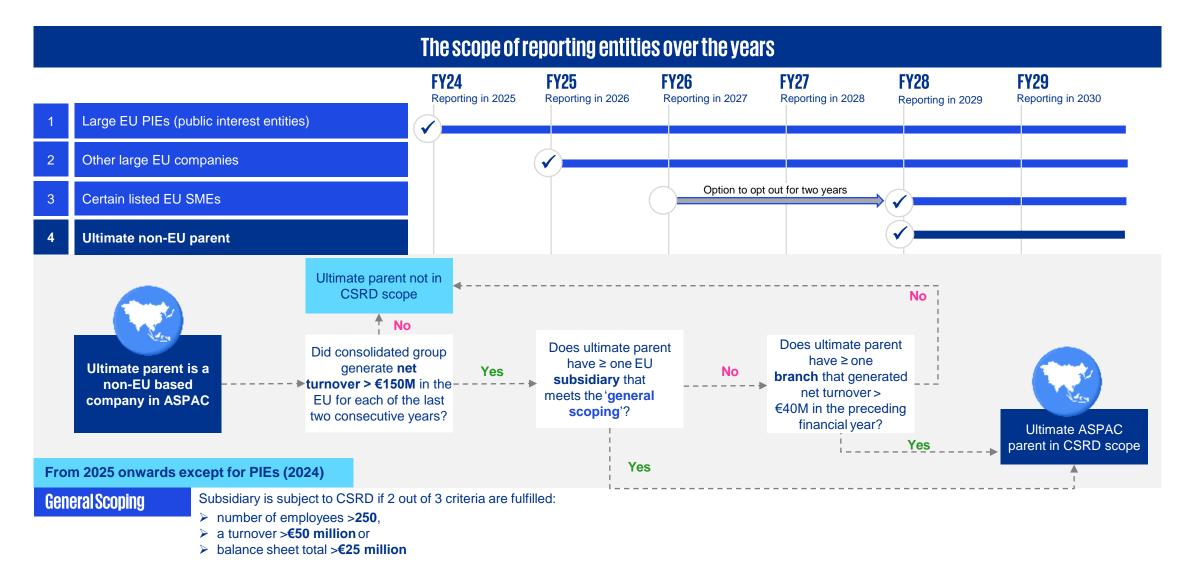
ESG Reporting Advisory for the EMEA region is focused on CSRD and other regulatory requirements. This includes the UK being focused on ISSB.



CSRD, ISSB, TCFD +

ESG Reporting Advisory for the Asia Pacific region is focused on ISSB and other frameworks.

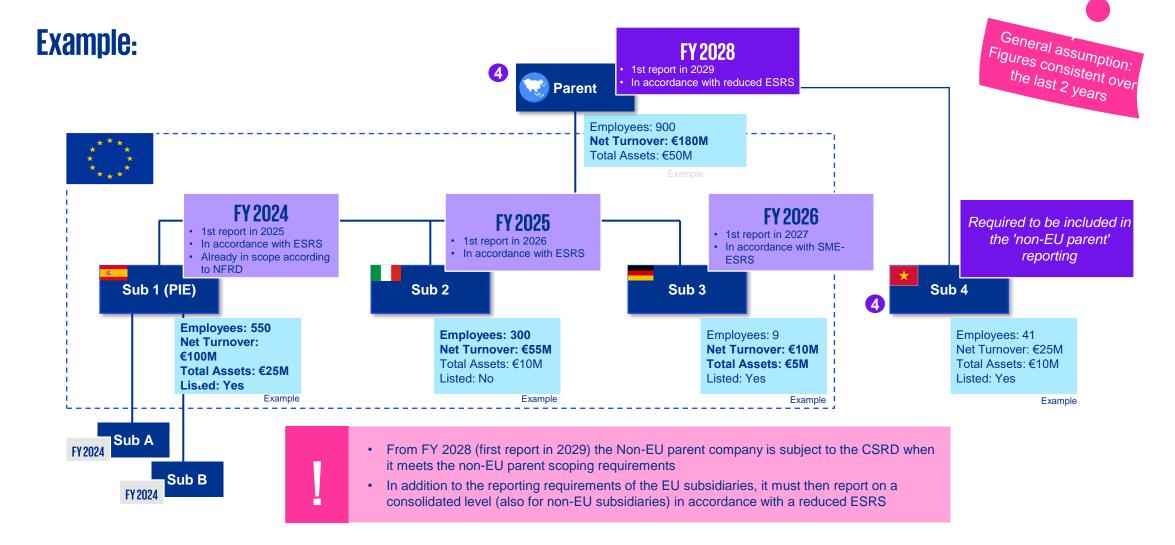
Applicability of CSRD regulations on Asia Pacific companies





Example: Non-EU parent scoping (Asia Pacific HQ)





There are 3 exemptions from filing a sustainability report

Reporting exemptions



Group exemption

- If a parent makes available a CSRD-compliant sustainability report that includes the entire group, all in-scope subsidiaries would be exempt from preparing separate sustainability reports
- This exemption would not apply to large subsidiaries with listed securities that meet the general scoping requirements



Ultimate non-EU parent reporting exemption

 If a non-EU parent has multiple subsidiaries in the EU that meet the general scoping requirements, for the first seven years one of the largest EU subsidiaries would be allowed to prepare a consolidated sustainability report that includes only those subsidiaries that fall under the general scoping



Equivalency exemption

 The European Commission has the power to designate individual sustainability reporting frameworks or reporting regimes as 'equivalent' to reporting under the CSRD



Reporting Strategy

References for scoping: an overview



The CSRD includes different scoping requirements for EU-based and EU-listed companies versus non-EU parent companies, addressed in the EU Accounting Directive

Art. 19a

Accounting Directive

Sustainability reporting at the level of the single entity



Art. 29a

Accounting Directive

Consolidated sustainability reporting at the level of a (sub)group



Art. 40a

Accounting Directive

Consolidated sustainability reporting at third-country company level



Art. 48i

Accounting Directive

Artificial consolidated

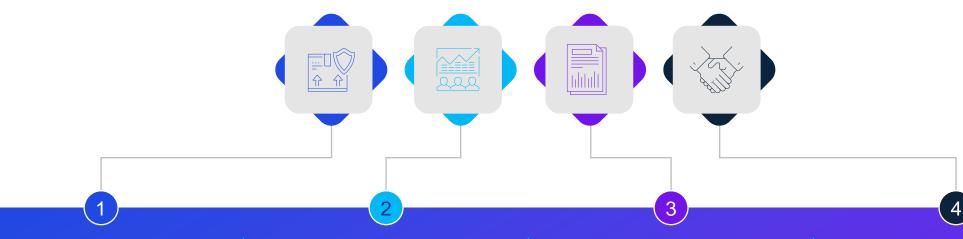
sustainability reporting at the largest European subsidiary

(until FY 2030)





Where to go from here?



(As an ultimate parent)

Which of your EU subsidiaries will be in scope of CSRD?

(As a subsidiary)
Is there a possibility of falling within the CSRD reporting scope of your parent company?

Can you leverage the reporting exemptions to ease some of the operational burden?

How will you track the recent CSRD developments/announcements from the EU going forward and which directives will you need to comply with in the meantime?

What does a project plan look like and which persons/departments do you need to involve?

How will you to consider multiple frameworks as efficiently and effectively as possible?

05

KPMG's implementation approach



Key steps towards CSRD compliance

KPMG firms' implementation approach



Pre-Readiness-Assessment

- Scoping Exercise
- Multi-reporting readiness assessment:
 - For example, where a company has to comply with more than one ESG reporting framework (e.g., SEC and CSRD)



- Setting up a process to collect the qualitative/ quantitative information
- Consideration of relevant frameworks for the further development of non-financial reporting (GRI, TCFD, SASB, etc.)



Materiality

- Conducting a materiality analysis (ESRS requirements)
- Delimitation of non-material report contents to reduce future reporting efforts



Gap-Analysis

 Gap assessment between requirements of the CSRD taking into account the results of the materiality analysis



Governance & Resources

- Holistic further development of governance structures (Governance Systems)
- Creation of a resource plan for the fulfilment of the upcoming reporting requirement



Audit Readiness

 Preparation of an external audit of the non-financial reporting, e.g., by conducting an assurance readiness assessment



Integration with the Management Report

• Preparation of the integration of reporting into the management report, especially with regard to the time perspective



How can KPMG professionals support?



Knowledge provider & enabler



Team composition with EFRAG members



Helping hands for ramp-up phase



Consideration of ESG frameworks overlaps



Reasonable assurance preparation



Outside-in perspectives from DAX mandates



Asia Pacific Thought Leadership

The outlook of sustainability reporting in Asia Pacific 13 countries/territories and regions.





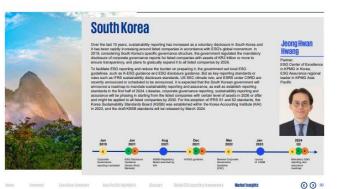


Executive summary

Overview on the key market expectations and challenges in Asia Pacific are included.

Market highlights

Along with an executive summary focusing on ESG reporting evolution, major sustainability reporting requirements and/or guidance in each country and region are highlighted.







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