

# Sustainable Finance across Agriculture, Forestry & Fisheries (AFF) supply chains



*Four (4) course series*

**IBF STS Accredited:** [Sustainable Finance TSC: Sustainability Risk Management](#) | Proficiency level 3

**CPD Hours:** 3 CPD hours (for full series)

**Background:** Companies across Agriculture, Forestry and Fisheries (AFF) supply chains depend on nature to generate value; but the degradation of our natural resources threatens the sector's long-term profitability. This is particularly true in Asia where environmental and social (E&S) issues like climate change and water stress are already impacting agricultural productivity, and are only expected to get worse throughout the century. **Issues like these pose significant financial risks not only to companies operating across AFF supply chains, but to the banks and investors that finance them.**

While the risks are significant, so are the opportunities. Technological advancements in agricultural production efficiency, field monitoring, degraded lands restoration, and growth in new markets like alternative meats, all present opportunities to transition the AFF sector towards a climate-smart, resilient future.

**Series description:** The four courses in this series collectively aim to provide Asia-based bankers and investors with an overview of how to assess and mitigate financial risks presented by environmental and social (E&S) issues specific to the AFF sector. Detailed learning outcomes for each course are provided below.

**Target audience:** Asia-based financial professionals. Two separate course series have been designed to accommodate the unique needs of target learners, in particular:

- 1) **Corporate banking series:** Designed for individuals working in risk management, relationship/client management, internal audit and in sustainability departments.
- 2) **Asset manager series:** Designed for individuals working in roles related to risk management, product solutioning and management, trading and execution, and sales and relationship management

**Duration:** Each of the four courses is self-guided, and is intended to take ~30 - 45 minutes to complete. The series also includes a guided activity (described below) which takes ~40-60 minutes to complete. In total, the course series is expected to take learners ~2.5 – 4 hours to complete, and can be completed in sections.

**Assessment:** Each of the 4 courses has a 10 question assessment consisting of multiple choice, matching, fill in the blank and true false questions. (40 questions total for the series). 80% score on each assessment required to pass.

**Price:**

- **Gross retail price:** SG \$350 (individual purchase). Net purchase available via ABS & IMAS elearning portals
- **Wholesale:** Please email [klaya@wwf.sg](mailto:klaya@wwf.sg) for more information
- *Singaporeans and PRs resident in Singapore may be eligible for course subsidies*

Short descriptions of what you will learn each of the four courses are below:

### 1. Agriculture & the environment at a glance

**Target audience:** Designed for both asset managers and corporate bankers

**Learning outcomes:** After completing this course you will understand:

- How companies in the AFF sector depend on the environment to generate value
- How companies in the AFF sector impact the environment and society (both positively and negatively)
- What the finance sector's role is in driving the development of resilient and sustainable AFF systems and where there are key opportunities to do so

### 2. Materiality & risk transmission across agriculture supply chains

**Target audience:** Designed for both asset managers and corporate bankers

**Learning outcomes:** After completing this course you will be able to:

- Identify which E&S issues are most likely to present material financial risks to companies in the AFF sector
- Understand how these risks are transmitted to banks and investors

### 3. E&S metrics & tools for agriculture

**Target audience:** Designed for both asset managers and corporate bankers

**Learning outcomes:** After completing this course you will be able to:

- Identify and measure clients' and portfolio companies' exposure to and management of E&S issues in the AFF sector using key metrics
- Understand how to identify quality E&S data sources that can help financiers monitor companies' E&S policies and performance

### 4. (A) Strategies for responsible investment in agriculture

**Target audience:** Asset management professionals based in Asia, in particular individuals working in roles related to risk management, product solutioning and management, trading and execution, and sales and relationship management

**Learning outcomes:** After completing this course you will understand:

- Understand and implement a variety of approaches to incorporating E&S data into investment decision making processes. These include:
  - E&S Integration
  - Screening
  - Thematic investing
  - Stewardship
  - Voting
- Point to specific real-world "good practice" case studies that illustrate how investor peers have used the above approaches to design their own E&S investment approaches. These case studies can serve as a basis for learners' own E&S policy or process development

#### 4. (B) Strategies for responsible lending in agriculture

**Target audience:** Corporate banking professionals, in particular individuals working in risk management, relationship/client management, internal audit and sustainability departments.

**Learning outcomes:** After completing this course you will understand:

- Understand and implement:
  - A variety of approaches to incorporating E&S data into *E&S risk assessment strategies* for AFF clients, including:
    - AFF specific exclusions,
    - AFF specific sector policies, and
    - The inclusion of E&S issues in standard due diligence assessment
  - Best practice *E&S risk mitigation strategies* for AFF clients, including:
    - approval with conditions,
    - pricing, and
    - engagement
  - Best practice approaches to *portfolio level E&S risk mitigation* (with a particular focus on AFF client portfolios), including:
    - scenario analysis and stress testing to model risk (physical, transition, alignment),
    - portfolio-level target setting, and
    - product offerings
- Point to specific real-world “good practice” case studies that illustrate how banking peers have used the above approaches. These case studies can serve as a basis for learners’ own E&S policy or process development.

#### Agriculture, Forestry and Fisheries Series: Embedded prompts/guiding questions

**Description:** These prompts are designed to help you apply what you've just learned to a real-world scenario.

The prompts are embedded throughout each of the four courses in the series, and by the end, you will have effectively conducted an E&S risk and opportunity assessment for an AFF company or project. We encourage learners to write down their responses to the prompts, and keep them for future reference.