



Company Profile

5W2H consulting



Who Are We

We are a passionate team of specialists with backgrounds in Chemistry, Forensic Science and Material Science — united by a shared drive to solve complex challenges.

Our journey began in **Failure Analysis and Technical Training**, where we helped clients uncover root causes and strengthen their operations. Over time, we've expanded our expertise to include **Regulatory Compliance and Sustainability**, helping businesses stay ahead in a fast-changing landscape.



“**SOLVING
PROBLEMS,
SUSTAINING
BUSINESS.**”

Meet the Team



ChM Dr. Liang Mei Keat

Director / Consultant
GHG Professional
HRD-Corp Registered Trainer
IKM Registered Chemist



Jovena Khor Zye Bin

Consultant
GRI Certified Sustainability Professional



ChM Lee Pei Ying

Consultant
GHG Practitioner
Certified Coating Fingerprint Qualified
Controller
IKM Registered Chemist



Scope of Services



Material Characterization & Failure Analysis



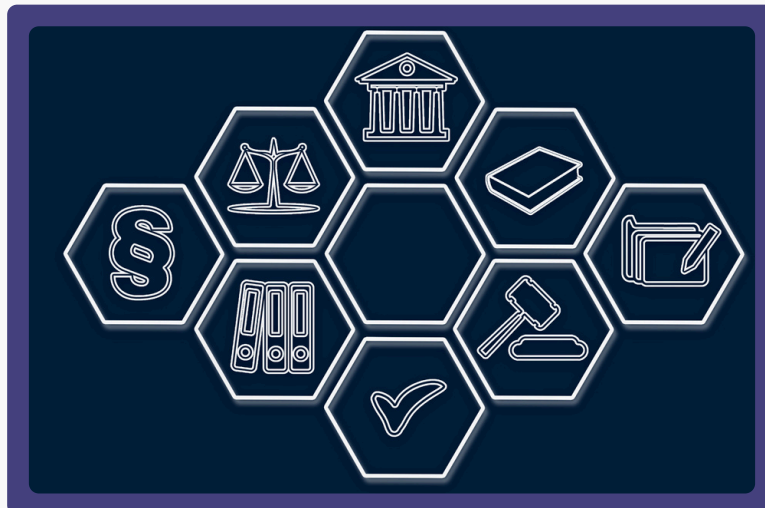
Environmental, Social & Governance (ESG) Reporting



Greenhouse Gas (GHG) Calculation & Reporting



Standard & Customized Training



Technical & Regulatory Support



Other Customized Consultation Services



Material Characterization & Failure Analysis

One-stop solution for investigating materials, defects and failures

WHAT WE OFFER



Failure Investigation

Fractures; Corrosion; Foreign Material; Others



Material Analysis

Chemical; Thermal; Mechanical; Physical; Others



Root Cause Reporting

Evidence-based findings with recommendations



Reverse Engineering

Analyze competitor products or benchmark materials



Compatibility Studies

Test how materials react with chemicals/ packaging

OUR 5-STEP PROCESS



Defect Study

Initial visual and/or microscopic analysis



Hypothesis Generation

Failure cause assumption



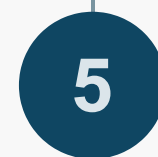
Test Plan Generation

Targeted methods or techniques to verify



Validation Tests

Chemical, thermal, mechanical, etc.



Final Report

Clear conclusion, recommendations



Environmental, Social & Governance (ESG)

What Is ESG and Why It Matters

ENVIRONMENTAL

GHG emissions, energy, water, waste, raw materials, etc.



SOCIAL

Employee management, labor & human rights, DEI, etc.

GOVERNANCE

Governance, policy commitments, anti-corruption, customer privacy, etc.

Why ESG Matters?

- Stay competitive 🏆
- Meet regulations 📄
- Attract Investors 📁
- Gain Trust 👤
- Save Cost 💰



ESG & GHG (Greenhouse Gas)

Our Approach



AWARENESS

Empower team with the knowledge to take action through training or workshop



ACTION

Translate knowledge into measurable efforts



REPORT

Turn action into transparency and trust



SUPPLY CHAIN MANAGEMENT

Support in managing ESG and compliance across your supply chain



Training Solutions

Practical training to strengthen your team in materials, ESG and compliance

MATERIALS & TECHNICAL TRAINING

- Plastic & Rubbers
- Metals & Alloys
- Thermoplastic Elastomers
- Material Characterization & Failure Analysis

SUSTAINABILITY TRAINING

- ESG & Sustainability
- GHG
- RBA

CUSTOMIZED TRAINING

- Problem Solving Techniques
 - Chemical Regulations
 - Quality & Management Systems
- And others...*



Technical & Regulatory Support

Helping you stay compliant, certified and legally prepared



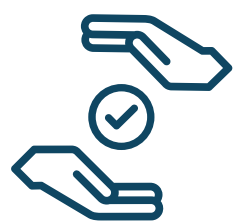
LITIGATION SUPPORT

Expert analysis, technical inputs, and documentation to support legal cases.



REGULATION & COMPLIANCE

Guidance on environmental, safety, and product regulations across industries.



CERTIFICATION READINESS SUPPORT

Assistance in understanding requirements and preparation for certification/ audit.

E.g., ISO, ECO Label, UL Certification, Halal, etc.





Thank You

