

# Insights and Challenges in Managing Green Energy Projects and their Construction Insurances (CAR & EAR) in ASEAN

**DATE:**

19 & 20 January 2026

**TIME:**

9.00 a.m. - 5.00 p.m.

**VENUE:**

Aii Training Room, Level 2,  
AICB Building, Kuala Lumpur

**CPD HOURS:**

14 Hours

**PROFICIENCY LEVEL:**

Proficient



19 Prime Skills  
4 Power Skill



With  
Site Visit

**Training Programme No:**  
10001628693

## OVERVIEW

The need for understanding Green Energy project risks becomes more crucial as challenging exposures are being brought in by the Malaysian and ASEAN energy players. This is also known as Renewable Energy. There are various techniques and procedures in place relating to such green energy and the governments in the ASEAN region now encourage further such power initiatives. Solar power farms, for example, are new in the region and more such developments are being planned. Meanwhile, the use of solar panels on residential & commercial building roof tops are getting popular. Hydro power projects are also quite popular in Asia and complies to the green energy theme!

CAR/ EAR Underwriters also need to appreciate the technical aspects of these green energy project risks to evaluate the exposure effectively. Concerns on the planning, design & construction phases of the Solar Farms, Wind and Hydro Power Plants are equally important to consider.

This exciting and interactive course with a site visit intends to highlight and share those key features to help secure better risks for the Reinsurer and hence support the Client/ Brokers' needs more effectively.

At the end of the programme, participants should be able to:

- Appreciate the technical challenges in developing green energy projects in Malaysia & in the ASEAN region
- Understand the basic principles of risk management relating to green energy project initiatives
- Highlight the typical features of the Power Purchase Agreement (PPA) relating to Utility industry in Malaysia & the ASEAN community
- Identify good engineering practices relating to wind/ solar/ hydro power projects and its ideal risk improvement recommendations
- Consider the values of risk survey and relate it to exposures of particular green power project risk in relation to the CAR / EAR policies and project delay coverages (ALOP/DSU)

## WHO SHOULD ATTEND

Ideally with at least 2 years of work experience & involvement in engineering project insurance :

- Underwriters
- Claims personnel
- Marketeers
- Risk engineers
- Brokers & reinsurer brokers
- Reinsurers
- Executives in the legal & financial space serving the power development markets
- Loss adjusters or related field with at least 2 years of work experience & involvement in engineering project insurances

## COURSE CONTENT

Day	Content
1	<p>Developing Green Projects in Malaysia and the need for insurances:</p> <ul style="list-style-type: none"> <li>• Appreciating solar, wind, &amp; hydro projects</li> <li>• Market place and some power industry practice</li> <li>• Stake-holders and respective roles</li> <li>• Regulator, companies and other specialists</li> <li>• Power Purchase Agreement (PPA) and its application</li> <li>• Current energy projects and upcoming plans</li> <li>• Planning for a power project</li> <li>• Some concepts of the CAR/ EAR in developing power projects &amp; delay coverage (ALOP/DSU)</li> </ul>
2	<ul style="list-style-type: none"> <li>• Assessment of policy wording &amp; clauses</li> <li>• Risk management &amp; project monitoring activity</li> <li>• Loss mitigation experience &amp; implementation</li> <li>• How claims are dealt with - interesting case studies</li> <li>• Site visit</li> </ul>

## ABOUT THE TRAINER



### IR. POOBA MAHALINGAM

Regional Risk Consultant - Singapore

Pooba is a Regional Risk Consultant based in Singapore with 30 years of practical experience in risk / insurance. Pooba is a professional engineer and operates under “Talent Asia Training & Consulting” of Singapore. He is specialized in the insurance space with special focus on engineering/ property insurance and risk management aspects.

Pooba is a regular lecturer with the Singapore College of Insurance (SCI) and the Asian Institute of Insurance (Aii). He is also the Author of a Aii publication entitled, “Engineering Insurance.” Besides training, Pooba also undertakes property risk surveys and provides consultancy services to various clients in Singapore and in the following regions: Asia, Middle East & Africa.

## REGISTRATION DETAILS

To register, please log in to <https://aii4u.org/ilms/>

	Aii Member	Non - Member
Normal Fee (Register closing: 12 January 2026)	Single RM 1,800 / USD 410	Single RM 2,000 / USD 455
	Group of 3 RM 1,700 / USD 390	Group of 3 RM 1,900 / USD 435

**Note:**

*Fee is inclusive of 8% SST*

## FUTURE SKILLS FRAMEWORK



19 Prime Skills  
4 Power Skill

**Proficiency Level:** Proficient

### Skills Developed by Attending this Programme

#### Prime Skills

Financial Products and Services	<ol style="list-style-type: none"> <li>1. Demand and Supply Analysis</li> <li>2. Marketing</li> <li>3. Pricing Strategy</li> <li>4. Product Advisory</li> <li>5. Product Design and Development</li> <li>6. Quality Assurance</li> <li>7. Sales Strategy</li> <li>8. Underwriting Management</li> </ol>
Investment and Financial Management	<ol style="list-style-type: none"> <li>9. Insurance Claims Processing</li> <li>10. Internal Control</li> </ol>
Risk Management, Governance and Regulatory Compliance	<ol style="list-style-type: none"> <li>11. Legal Advisory</li> <li>12. Operational Risk Management</li> <li>13. Policy Implementation and Revision</li> <li>14. Regulatory Compliance</li> </ol>
Sustainable Finance and Insurance	<ol style="list-style-type: none"> <li>15. Carbon Markets and Decarbonisation Strategies Management</li> <li>16. Climate Change Management</li> <li>17. Non-Financial Industry Sustainability Development</li> <li>18. Sustainable Insurance and Reinsurance Solutions and Applications</li> <li>19. Sustainable Stewardship Development</li> </ol>

#### Power Skills

Innovation and Delivery	<ol style="list-style-type: none"> <li>1. Adaptability and Resiliency</li> <li>2. Business Acumen</li> <li>3. Problem-solving</li> <li>4. Sustainability Awareness</li> </ol>
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Asian Institute of Insurance (Aii) courses have been granted the status of Approved Training Programme (ATP) under the Human Resources Development Act 1992. Based on Training Providers Circular No. 3/2021, PSMB has imposed a requirement that training providers need to register their training programme under the HRD Corp Claimable Course Scheme to offer training to the employers who are registered under the Human Resource Development Corporation (HRD Corp).

### 1. What is HRD Corp Claimable Courses?

HRD Corp Claimable Courses formerly known as SBL Khas is a scheme to assist registered employers, especially those with limited resources to train and upskill their employees in line with their operational and business requirements. Under this scheme, HRD Corp will pay the course fee (subjected to 4% service fee from 1st April 2021) directly to the training providers by deducting the amount from the employers' levy account. HRD Corp will also pay other claimable allowances to the employer.

### 2. How are Training Providers or Employers to submit for HRD Corp Claimable Courses?

Asian Institute of Insurance (Aii) will submit their Courses registration via the HRDC e-Tris system. Once course is approved as Claimable Course (previously known as SBL Khas course), the approved course will appear in the HRDC e-Tris system.

Employers will need to access the e-Tris system to select the course and submit to HRDC for grant approval. The total claimable amount is subject to the approval of each Employer individual grant application, Once HRDC approves Employer grant, the company must provide the approved grant code to Asian Institute of Insurance (Aii).

After the training is conducted, Employers are required to complete HRDC Attendance Reports eg. JD14 and submit necessary documents to ensure HRDC settlement of Asian Institute of Insurance (Aii) invoice.

Asian Institute of Insurance (Aii) will submit the invoice directly to HRDC with the approved grant code for each participant or Employer.

### 3. How to submit the grant application?

Please click on link for information on training grants application: <https://hrdcorp.gov.my/employer-guidelines/>

### 4. What are the supporting documents required?

Please click on link for information on training grants application: [https://hrdcorp.gov.my/wp-content/uploads/2022/07/HRD-Corp\\_SBL\\_Grant-Helper.pdf](https://hrdcorp.gov.my/wp-content/uploads/2022/07/HRD-Corp_SBL_Grant-Helper.pdf)

#### Important Notice:

- Effective 1st August 2019, training programmes must commence within six (6) months from the date of training grant applications are made and training claim submissions must be made not more than six (6) months from the date the training programmes are completed.
- Application must be submitted by employers before training date commencement.
- The company shall bear full responsibility for the programme fee balance if the HRDC claim is not approved or claimable for any reason.

For more information and updates on HRDC, please refer to its official webpage at [www.hrdcorp.gov.my](http://www.hrdcorp.gov.my). Should you have any problem in accessing your e-Tris account, kindly forward the issue to HRDC IT Help Desk at [ithelpdesk@hrdcorp.gov.my](mailto:ithelpdesk@hrdcorp.gov.my)

#### Application Process:





# REGISTER NOW



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