

Clean Technology

Global energy Brokers ranked The global Clean $\langle \mathcal{O} \rangle$ 48 local branch \mathbf{M} Chubb the demand expected Tech market is to grow by nearly expected to surpass ^{#1} carrier with operations in 54\$2.5 trillion for Property claims by 2020³ handling in over 200 countries over the next 20 years²

Clean Tech companies are expanding their products and services to broader industry segments, including energy, food, manufacturing, and transportation. As global energy demand increases and supply chains become more complex, new risks emerge. Clean Tech companies derive power from renewable sources, create energy efficiencies, and are addressing the scarcity of natural resources. With more than 30 years dedicated to Clean Technology, Chubb has the expertise to craft holistic insurance solutions to address this evolving industry.

Industry Expertise

- Chubb is solution oriented and ready to adapt to the changing needs of Clean Tech companies based on insight gleaned from industry associations and survey results from various CEO's across North America.
- Chubb's "Sustainability Suite" provides custom solutions for Clean Tech companies by including endorsements for R&D Property and Business Income, Green Upgrade, and Pollutant Clean-up or Removal
- Capabilities to craft tailored solutions for a wide range of risks from R&D, early stage to full commercialization
- Experienced underwriters work closely with producers and clients to develop a deep understanding of each client's unique operation in order to deliver a customized, integrated solution
- Solutions adapt to the changing needs of Clean Tech companies based on insight gleaned from industry associations and survey results from various CEOs across North America

Target Classes

- Renewable energy producers
- Manufacturers supporting clean technologies
- Software and hardware companies supporting clean technologies

Service Offerings

- Claims professionals with significant experience in and knowledge of Clean Tech claims and litigation
- Forward-thinking, highly specialized risk engineers that understand the Clean Tech industry, are devoted to continuous learning, and aim to find opportunities to help protect companies before a loss occurs
- Cyber-physical and cyber-digital security risk assessments and subsequent evaluations for networked systems
- Photovoltaic solar fire mitigation

• Worldview provides risk managers and brokers access to

• Energy efficiency and smart grid

Advanced materials

• Precision Agriculture

Clean transportation

- Chubb systems and expertise in one easy-to-use application
- Global capabilities to protect operations and exposures through one of the largest networks of owned, local branches throughout the world
- Infrared themography analysis to identify hot spots without disrupting electrical service or business operations

Why Chubb?



Solutions

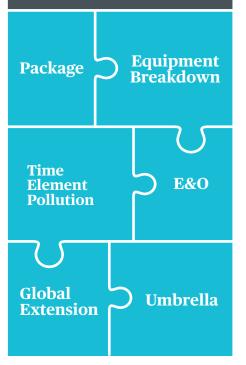






Financial Strength

Integrated Solution Scalable and modular insurance products for risks specific to your business.





Rediscover Commercial

chubb.com/rediscovercanada



chubb.com/mybi



What have we written lately?

what have we written lately?			
Risk Description	Insurance Written	Approximate Premium	The Chubb Difference
Manufacturer of energy efficient equipment	 Package Equipment Breakdown Crime E&O Cyber Umbrella 	\$107,000	 Capability to write all lines in one integrated solution Instilled confidence through risk engineering and underwriter expertise
Global developer of precision agriculture hardware and software	 Package Equipment Breakdown E&O Cyber Umbrella Auto 	\$155,000	 Breadth of Chubb's E&O insurance Admitted policies for both GL and E&O in Brazil, U.S., and Australia
11 megawatt independent power producer	 Property Liability Equipment Breakdown Umbrella 	\$190,000	 Collaboration with risk manager and risk engineer 30 years of clean tech experience

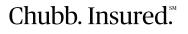
What have we paid lately?

- A Clean Energy Solutions company's equipment malfunctioned, ignited, and caused a fire damaging prototype equipment on their assembly floor and R&D lab. Chubb quickly responded to the claim impacting Property, Business Income, and R&D Business Income.
- A Clean Tech company contracted with an overseas software vendor. The vendor did not properly protect administrator defaults on their server and a hack for hire exploited the vulnerability and threatened to post records with information from millions of registered users. Chubb responded to the extortion expenses and payments.
- A windstorm ripped newly added solar panels from their foundation damaging some and completely destroying others at a utility-scale solar farm. The Chubb claims specialist, with expertise in solar power equipment, responded and reimbursed the client within two days of the storm.

¹ 2017 Advisen Claims Satisfaction Survey

² Clean Economy Living Planet 2012

³ Cantech Letter - 13 Canadian cleantech firms make the Global Cleantech 100 list



Chubb is the marketing name used to refer to subsidiaries of Chubb Limited providing insurance and related services. For a list of these subsidiaries, please visit our website at www.chubb.com. In Canada, Chubb operates through Chubb Insurance Company of Canada and Chubb Life Insurance Company Canada. All products may not be available in all Canadian jurisdictions. In the United States, insurance is provided by ACE American Insurance Company and its U.S. based Chubb underwriting company affiliates. This communication contains product summaries only. Coverage is subject to the language of the policies as actually issued. Chubb is the world's largest publicly traded property and casualty insurance, group. With operations in 54 countries, Chubb provides commercial and personal property and casualty insurance, personal accident and supplemental health insurance, reinsurance and life insurance to a diverse group of clients. Chubb Limited, the parent company of Chubb, is listed on the New York Stock Exchange (NYSE: CB) and is a component of the S&P 500 index. Product highlights are summaries only. Please see the actual policy for terms and conditions. Products may not be available in all locations, and remain subject to Chubb's underwriting criteria. Surplus lines insurance is sold only through licensed surplus lines producers. No liability is assumed by reason of the information contained herein. Coverage is subject to the language of the policies as actually issued. The claim scenarios described here are hypothetical and are offered solely to illustrate the types of situations that may result in claims. These scenarios are not based on actual claims and should not be compared to actual claims. The precise coverage afforded by any insurer is subject to the terms and conditions of the policies as issued. Whether or to what extent a particular loss is covered depends on the facts and circumstances of the loss, the terms and conditions of the policas a issued. Whether or to what extent a particular loss is covered depe