



Circular Economy

Plant Performance Insurance

Great opportunities always come with risks



Challenges

New business models are shifting from linear usage of products towards a circular approach where resources are used more efficiently through sharing, upcycling, recycling and new technologies.

When it comes to new technology, project investors tend to be risk averse, engineering firms hesitant to provide new technology guarantees, and new innovative companies do not have the balance sheet to stand behind their guarantees.

The Munich Re Plant Performance Insurance helps address these challenges by providing technology guarantees to protect project investments backed by Munich Re's balance sheet and strong credit rating.



Features

Green Tech Solutions offers **developers, investors, and lenders** insurance solutions to manage risks, cover unexpected repair costs and protect the financial viability of the project:

- Revenue guarantee and production output guarantee for plant start-up and long-term operations
- Major equipment repair and replacement coverage to address incorrect design or engineering
- Multi-year policy with flexible duration up to 10 years
- Debt & equity protection insurance structures



Benefits

The Technology Performance Insurance reduces the technology risk of first of a kind or early stage circular economy projects:

- Customizable risk transfer solutions to transfer technology risk from the balance sheet of project investors to the insurance market
- Financial viability protection for commercial projects through consistent & reliable revenue stream for project owners & investors
- Bankability improvement from reduced cost of capital, credit enhancement, and balance sheet protection in case of production shortfall

Target industries:

- Waste to energy
- Bioenergy, biofuels
- Recycling
- Water treatment
- Thermal & biological conversion
- Anaerobic digestion
- Gasification
- Pyrolysis
- Fischer-Tropsch
- Hydrogen production



Why partner with Munich Re?

Let's set the foundation for your business growth:

- One of the world's leading reinsurers
- A mix of global expertise in emerging renewable technologies, risk transfer, and project finance to provide a complete and single source solution for business growth
- Risk assessment provides financial credibility and investment security
- Reliable business partner with strong capital base to strengthen client balance sheet backed by AA- credit rating



A dynamic market calls for a reliable partner

- More than **\$3bn** exposure in support of over **\$40bn** capital in **green technologies**
- **In-depth expertise** due to industry experts in-house
- **140+** years of risk expertise
- **50+** years climate change expertise
- **10+** years in renewables
- **Global** organization with regional go-to experts
- **AA- rated** company

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