

## A Look at Taiwan & Other Opportunities

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Taiwan is one of Asia's fastest growing economies, and with that growth in economic wealth comes an increased demand for energy –Taiwan currently ranks 15<sup>th</sup> in global electricity consumption, with a 2% annual growth rate.

The Taiwanese Government recently introduced the *Greenhouse Gas Reduction and Management Act*, with requirements to reduce carbon emissions by 50% in five-year increments by 2050. Achieving this goal will require a sizable shift to renewable energy – which currently represents only 7% of Taiwan's energy production. With reliance on fossil fuels for more than 80% of its energy, Taiwan consumes more than 60 million tonnes of coal annually.

Wood pellets are increasingly used globally to reduce or replace coal in power production, as they offer a simple and efficient solution. Pellets are easily grindable, are dry and handle well, transport easily, are energy dense and can be used in coal plants with limited modifications.

There is a real opportunity for Taiwan to harness wood pellets to reduce its reliance on coal and significantly reduce its GHG emissions – early analysis indicates that wood pellet use could reduce emissions by between 80 and 90%. In terms of market demand for wood pellet producers, a 5% shift to co-firing coal with wood pellets would generate demand of between 3.5 and 4 million tonnes of pellets. With Canada's transportation advantage to Asia, this represents a significant market opportunity for Canadian pellet producers, a win-win for the economy and global environment.

Click [here](#) to listen to Rick Harris' presentation.

### 臺灣及其他市場機遇

Skeena Sawmills 銷售和營銷副總裁 Rick Harris

臺灣是亞洲增長最快的經濟體之壹，隨著經濟財富的增長，對能源的需求也隨之增加。臺灣目前在全球人均用電量中排名第 15 位，年增長率為 2%。

臺灣政府最近出臺了《溫室氣體減排和管理法》，要求到 2050 年以五年為增量，將碳排放量減少 50%。要實現這壹目標，就需要將現有能源結構向可再生能源轉型，目前可再生能源僅佔臺灣能源生產的 7%。目前臺灣 80% 以上的能源依賴化石燃料，其中每年煤炭消耗就超過 6000 萬噸。

為此，木質顆粒提供了壹種簡單有效的解決方案，它在全球範圍內越來越多地用於減少或替代發電用的煤炭。木質顆粒易於磨碎，乾燥和處理，它也易於運輸，且能量密度高，燃煤電廠只需少量的改造就可以轉換為使用木質顆粒為燃料。

在臺灣利用木屑顆粒來減少對煤炭的依賴並顯著減少其溫室氣體排放有著實實在在的商業機會—早期分析表明，使用木質顆粒可以減少 80%至 90%的排放。就木質顆粒生產商的市場需求而言，如果將 5%的現有燃煤轉換為煤與木質顆粒共燒，將產生 350 至 400 萬噸的木質顆粒需求。憑藉加拿大向亞洲的運輸優勢，這為加拿大木質顆粒生產商帶來了巨大的市場機遇，為經濟和全球環境帶來了雙贏。

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