

Analyze the carbon footprint of the ERP process in the recycling industry

Product Carbon footprint means the amount of greenhouse gas emissions from raw materials, production (or services), distribution, consumer use and waste / recycling.

Super Dragon is focused on the waste / recycling of environmental services, we will analyze the ERP system production experience and use the Siemens environmental monitoring system to collect large data then calculate the carbon footprint , finally we will lead student made the recycling industry carbon footprint model.

Student maybe have such as skill:

1. Have an erp license or course
2. The fourth grade or master of college is ready to graduate
3. Understand two or more analytical tools or programming languages
4. We would like to invite 5 to 6 students to interview and take two to the Super Dragon as an intern

PS.

「產品碳足跡」的計算模式，分為 B2B(Business to Business)及 B2C(Business to Customer)二種。這兩者最大的差別，在於進行產品全部生命週期排放量盤查時，B 2B 僅盤查到配送階段，而 B2C 則是進行完整的盤查至產品廢棄階段。



建立碳足跡時需要界定評估範疇，而評估範疇有以下兩種：

→搖籃到墳墓 (cradle-to-grave)

搖籃到墳墓各階段，即產品從原物料開採、運送、產品製造、配送、消費者使用，到最後廢棄階段的溫室氣體排放量均需納入計算項目。

→搖籃到大門 (cradle-to-gate)

搖籃到大門的各項排放源，即從原物料開採囊括至該產品運送到下一個工廠或企業大門前的各階段。