

▶ envIMPACT®



**« Analysing the carbon intensity of companies
with I/OA data and LCA data »
Yvan Maillard Ardenti
Centre Info SA (Fribourg (CH))**



Carbon: The challenge for investors

Challenge for investors:

- Factoring in carbon intensity of companies into their **investment processes**
- **Carbon Disclosure Project** (385 investors totalling USD 57 trillion of assets under management) ask the 3'000 biggest companies to report on GHG emissions

Obstacles:

- Companies reports **only on direct GHG emissions** (scope 1 of the GHG protocol) (scarce information on supply chain or products)
- Many companies **do not report** GHG emissions data
- GHG emission data published by company often are **not consistent and comparable**



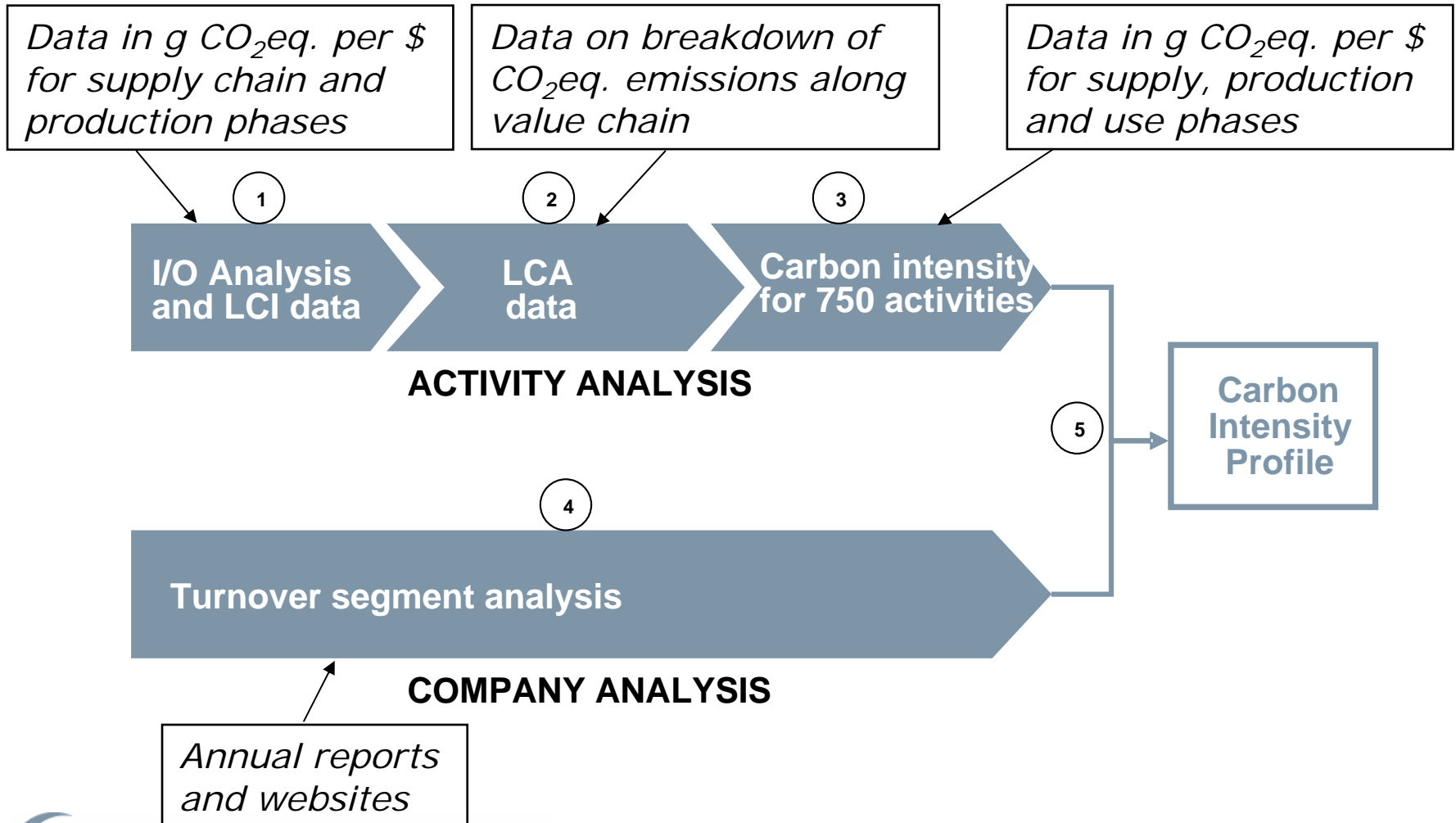
envIMPACT[®] – features

envIMPACT[®]

- First quantitative tool assessing the **carbon intensity of companies over entire life cycle of products**
- Carbon intensity is estimated in **g CO₂eq. per \$** for the following phases:
 - Supply chain phase
 - Production phase
 - Use phase of products
- Global coverage: more than **2,400 companies** from major countries/regions



Analysing the carbon intensity in 5 steps



Indirect emissions are larger than direct emissions

Carbon Disclosure Project Switzerland:

For 47 surveyed Swiss companies (out of 50), **indirect GHG emissions** (i.e. from the supply chain, electricity production and/or product use), **represent more than 50% of the total GHG emissions** induced by their activity.

(Centre Info estimation made with envIMPACT®)

See also: www.cdproject.net

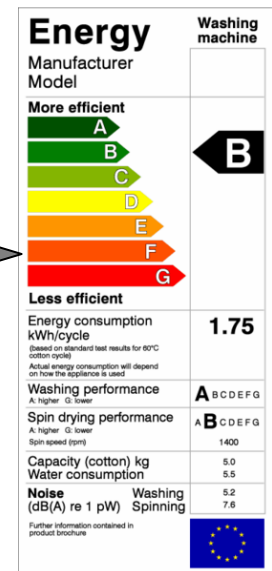


Applications for investors :

- ▶ Investment optimization by reducing carbon intensity exposure
- ▶ Carbon labels for mutual funds (like Energy labels for cars, refrigerators, washing machines, etc.)

Next steps in the development of envIMPACT:

- ▶ Include more LCA of products
- ▶ Refine our data with CDP data



Centre Info SA

Sustainable Investment Consulting

Rue de Romont 2
1700 Fribourg • Switzerland
Tél +41 (0)26 322 06 14
www.centreinfo.ch

Yvan Maillard Ardent
Head of Environmental Research
yvan.maillard@centreinfo.ch