

Digital capabilities for ESG

Local. Global. Partner.

March 2022



CGI at a glance

Founded in 1976
45 years of excellence

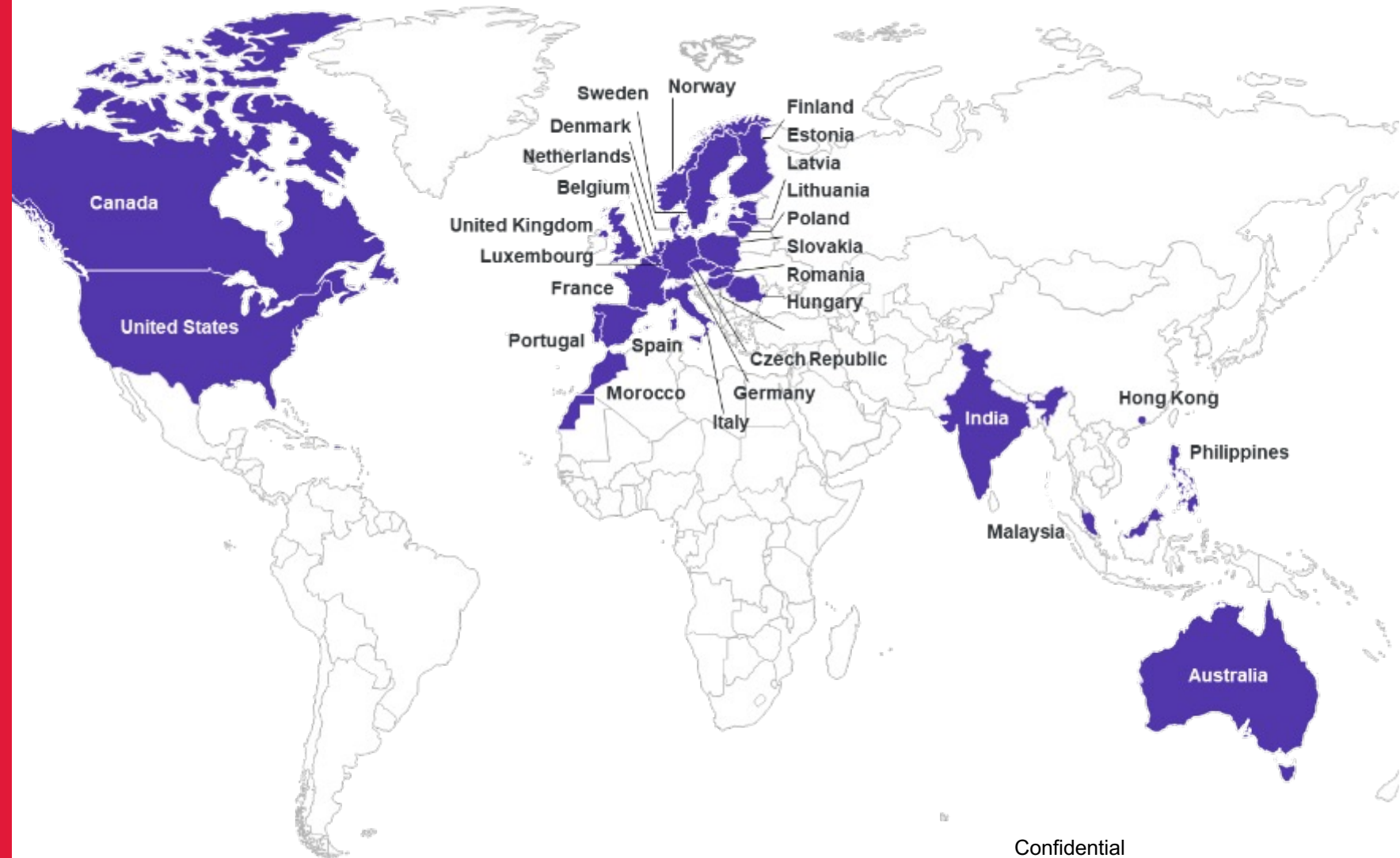
CA\$12.2 billion revenue

80,000 consultants

400 locations in 40 countries

5,500 clients benefiting from
end-to-end services

190+ IP-based solutions
serving 50,000 clients



Confidential

The latest: GHG emissions tool... fill in data

B22

✕

✓

$\int x$

- Fill in company and facility information in the "Parameters" sheet. Also, provide any custom emission factors here for use in subsequent worksheets.
- The tool uses default emission factors, which vary by country. These are free to use and publicly available, and the tool includes links of where to obtain them. Currently, separate sets of emission factors are available for the UK and US. Location-based Scope 2 emission factors are also available for the US, Canada and Australia, while market-based residual mix emission factors are available for the US, Canada and all Euro

Introduction

Parameter Input

Scope 1 Stationary Combustion

Scope 1 Mobile Combustion


Scope 1 Refrigerants

Scope 2 Purchased Electricity

Scope 3 Transportation


Result Summary

Emission Factors

 **GREENHOUSE
GAS PROTOCOL**

Welcome to the GHG Emissions Calculation Tool

A calculation tool for estimating GHG emissions based on the GHG Protocol



- **How to use this tool:**
 - Fill in company and facility information in the "Parameters" sheet. Also, provide any custom emission factors here for use in subsequent worksheets.
 - The tool uses default emission factors, which vary by country. These are free to use and publicly available, and the tool includes links of where to obtain them. Currently, separate sets of emission factors are available for the UK and US. Location-based Scope 2 emission factors are also available for the US, Canada and Australia, while market-based residual mix emission factors are available for the US, Canada and all Euro
 - On the "Parameters" tab, users can supply custom emission factors, adjust the default global warming potentials and choose whether to use radiative forcing factors for air travel.
 - The maximum number of facilities for this tool is 10. Additional rows cannot be added to the Facility table.
 - Use each of the charts to input inventory data for the various activities. Make sure to choose custom emission factors, if any, and to select the proper units.

Introduction

Instructions

Parameters

Emission Factors

S1-Stationary Combustion

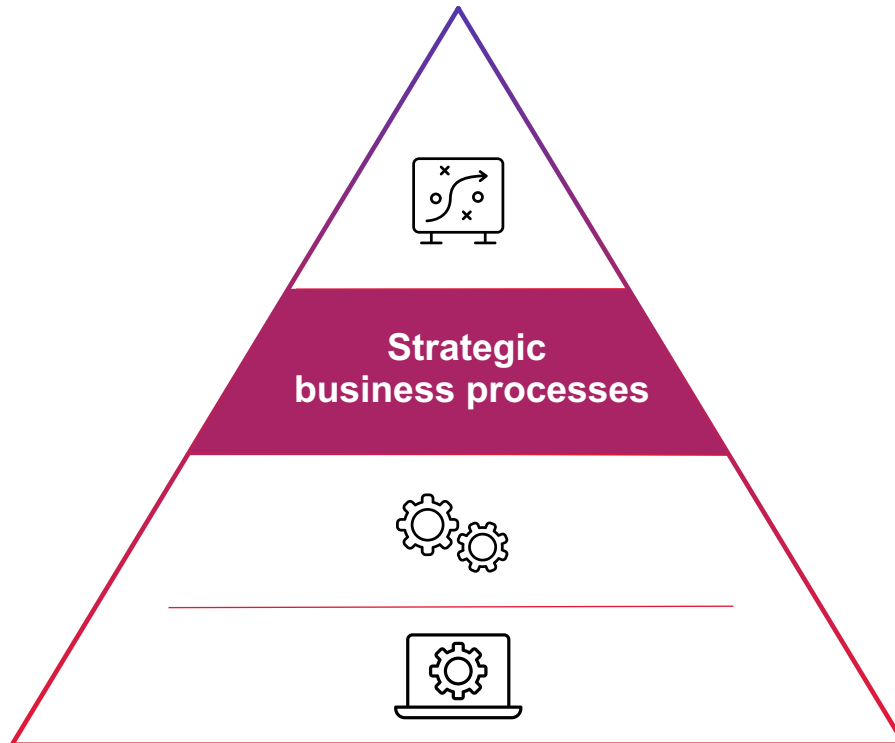
S1-Mobile Combustion

S1-Refrigerants

S2-Purchased Electricity

S3- ...

What is the management and resourcing approach?



Leadership:
Strategy &
Alignment

Business models, product and
service innovations, integrated
sustainability



Competitive advantages

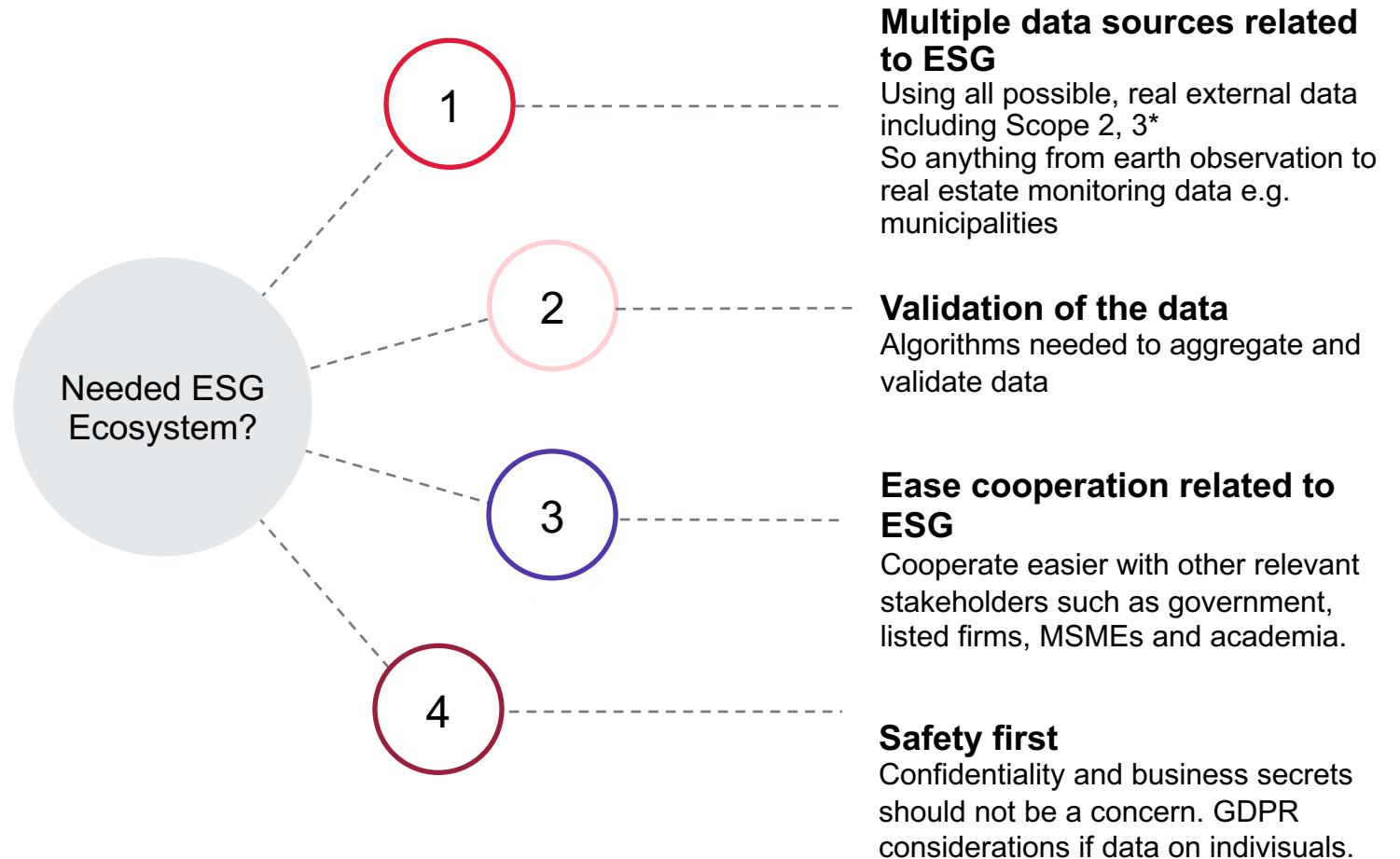
Improvement & Organization:
Operational
work processes

Efficiency,
Conformity,
Standardization / Scaling

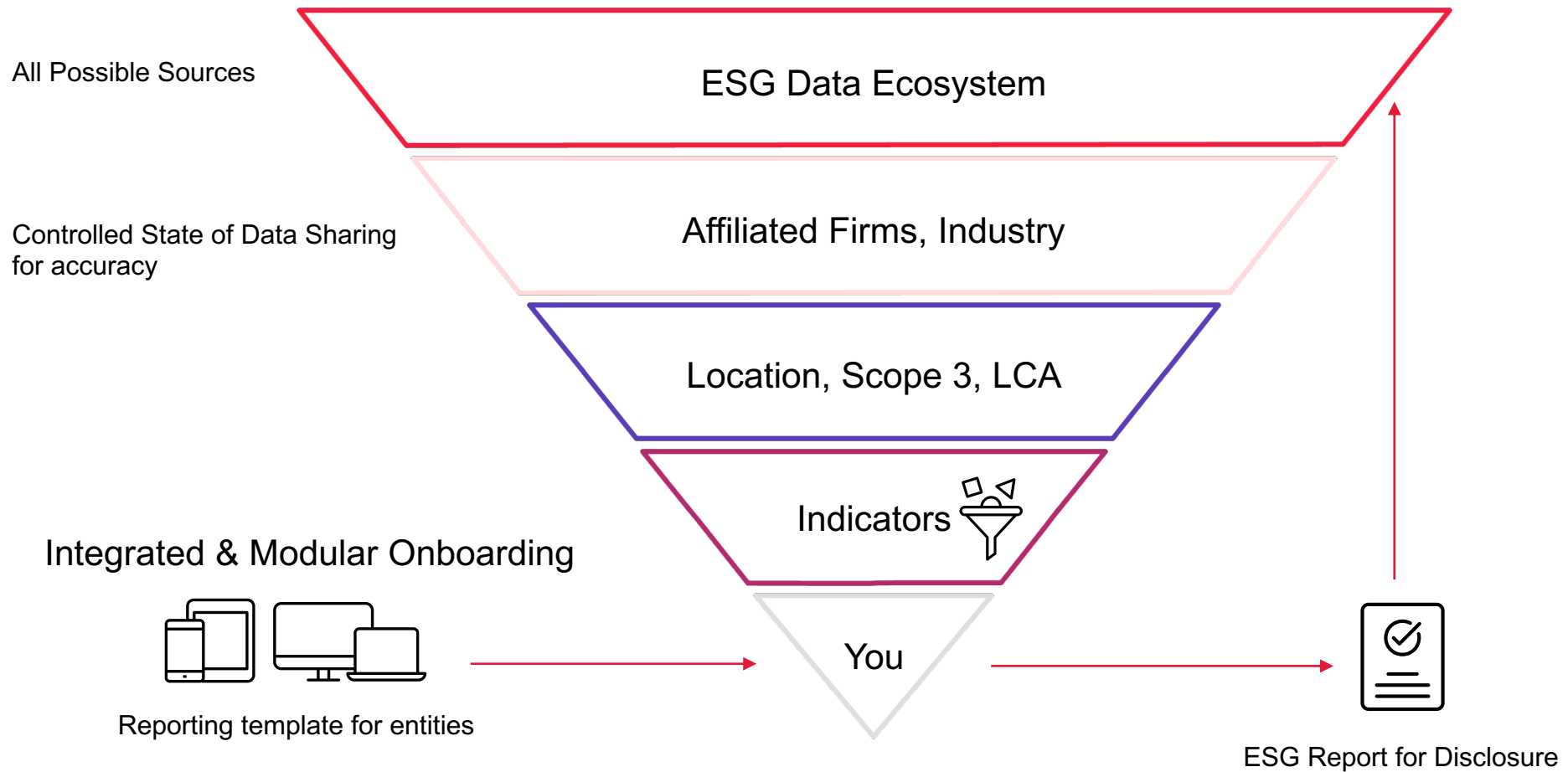
Connectivity:
IT system processes

Transparency,
Efficiency,
Process assurance

What is ESG Ecosystem Need: Scope 2, Scope 3?



Need for a Joint Framework for ESG Data Processing?



Elements?

Data and Aggregation Algorithms?

- The basis of the ESG Data Ecosystem
- Improving ESG Data Continuously with Dynamic Integration

Real-time Data?

- Not now?
- To go beyond the proxy data available today using earth observation, real estate data, and existing IoT

ESG Data Architecture / Ecosystem?

- Capability to help find and buy relevant data
- Deep understanding of ESG and Sustainability

Individual or Collaborative Approach?

Thank you

Data and data architecture as we know it

Is the real issue is data availability for decisions-making?

