PACT Conformance Testing Process Overview
Topics

- PACT Overview
- PACT Conformance Testing / Connectathon Process Overview
- PACT Catalog Overview
- Q & A
Partnership for Carbon Transparency (PACT) brings together stakeholders from across industries and organizations to jointly tackle this challenge…

Our vision
Unlock decarbonization through real emissions transparency in value chains

Our mission
Establish the global methodology and technical infrastructure for accurate, primary and verified GHG emission data exchange and measurement
Activities to empower and enable the PACT Community …

**Connectathons**

WBCSD facilitates monthly **Connectathons** to bring together implementers to test the Real time PCF* Data exchange

Enables the streamlining & acceleration of the process for PACT Conformance Testing

**Conformance Testing**

Organizations participate and conduct Bi-lateral Conformance Testing of their Solutions

Enables Implementers to verify the technical interoperability of their solutions

**Onboarding to PACT Online Catalog**

Organizations are encouraged to onboard their solution on the PACT Online Catalog regardless of their Conformance status

Enables the discoverability and accessibility of PACT Conformant Solutions and data extensions

Enabling an ecosystem of PACT Conformant Solutions and bringing together the community of implementers
What is a PACT Conformant* Solution?
A conformant solution “A” must:
• Pass checklist of tests with two or more other solutions from 3rd parties
• Other solutions must independently confirm the conformance of solution “A”

What is tested during Conformance testing?
Conformance to PACT technical specification:
✔ Solution exchanges PCF information per the specification
✔ No technical errors occur on data exchange
✘ PCF calculated according to Pathfinder Framework

*Why conformant, not compliant? **Compliance** is a legal requirement; **Conformance** refers to voluntary adherence to standards
"Explore and contribute to the PACT ecosystem of PACT Conformant Solutions, Industry / Sector specific Data Model Extensions, and Collaborators"

PACT Online Catalog beta

Explore PACT Conformant Solutions for exchanging Scope-3 carbon footprint data. Find and contribute Data Model Extensions to the PACT Data Model. Discover our Collaborators.

https://catalog.carbon-transparency.com/
Q & A
Appendix
PACT Conformant Solutions and Collaborators

**PACT Conformant** (completed & pending)

### 20 Solutions
- ALTRUISTIQ
- AVERY DENNISON
- boost technologies
- carboledger
- carbon trail
- CircularTree
- CIRRUS NEXUS
- climate comp
- CO2 AI
- FUJITSU
- HITACHI
- OPTEL
- KLOOPIFY
- McKinsey Sustainability
- NRI
- zeroboard
- salesforce
- SAP
- Unilever

### 11 Additional Collaborators
- Ecochain
- Emitwise
- IBM
- Microsoft
- Sage
- SiGREEN by SIEMENS
- Catena-X
- PIDX
- Smart Freight Centre
- ARMRI
- ecovadis
- Together for Sustainability

Powered by WBC World Business Council for Sustainable Development
Working closely with Industry initiatives on the Pathfinder Data Model Extensions enables the extensibility and minimizes future specification efforts / transaction costs.

Examples:
- Attributes which covers the quantification and reporting of greenhouse gases from transport chain operations in Logistics Sector or Steel sector
- Attributes for other impact categories like biodiversity loss

PACT is working collaboratively with Industry initiatives to expand the Pathfinder Network's reach by-

- Conducting **focused Workshops** and **Working sessions** to discuss and align on the Technical Specification, Data Model and further extensibility
- Organizing **Working Groups** to facilitate collaboration
-Welcoming the Industry initiatives to **contribute in shaping the Technical Specification**
Frequently used terms
Helping you navigate PACT better: Frequently used terms

• **Connectathons**: Derived from the words "connect" and "marathon", it refers to an event in which people collaborate over a relatively short period of time to connect different technology solutions, thus proving interoperability and PACT conformance.

• **Online Catalog**: A list of items or services available to customers to facilitate purchase decision process. In PACT’s context this refers to the list of technology solutions that are conformant to PACT Network.

• **Pathfinder**: Key deliverables from focus areas Methodology and Technology (i.e., Pathfinder Framework and Pathfinder Network respectively) to highlight new paths being taken to resolve emissions transparency challenge.

• **Pathfinder Framework**: Industry-agnostic methodological guidance for calculation and exchange of product emissions data (incl. data elements exchanged within value chains).

• **Pathfinder Network**: Network that enables organizations to connect across value chains and industries to share PCF data. It creates interoperability between technology solutions and industry-focused data exchange platforms, allowing organizations to chose their software provider.

• **Pathfinder Ecosystem**: Group of stakeholders collaborating within PACT to drive emissions transparency (incl. businesses, industry initiatives, standard-setting and reporting bodies, governments and non-governmental organizations).

• **Product Carbon Footprint (PCF)**: Total GHG emissions generated during life cycle of a product, measured in CO2e.

• **Supply Chain Actor (SCA)**: Manufacturing or service company directly involved in production

• **Solution Provider (SP)**: IT/Software provider
Resources

• Pathfinder Framework Version 2.0.0

• Pathfinder Technical Specifications Version 1.0.1

• Pathfinder Technical Specifications Version 2.0.1

• PACT Conformance Testing Process Overview

• PACT Conformance Testing Checklist

• PACT Online Catalog