

***Driving sustainable supply chains  
through industry-wide collaboration –  
Lessons from the apparel industry***

# Industry-Wide Collaboration



**Does it exist?...and Why?**

# REDRESSING A MARKET

How the global clothing industry is uniting to tackle chemical pollution

## Dirty Laundry

Unravelling the corporate connections to toxic water pollution in China

GREENPEACE

In 2011, a coalition of global NGOs authored a report to communicate widespread water pollution caused by the upstream garment and textile industry.

They secured executive commitments from 80 retail brands and companies to eliminate the use of hazardous chemicals from their supply base.

Some challenges are too big to be faced alone

Ø ZDHC

Transforming an industry requires:

- Collaboration
- Transparency
- Commitment





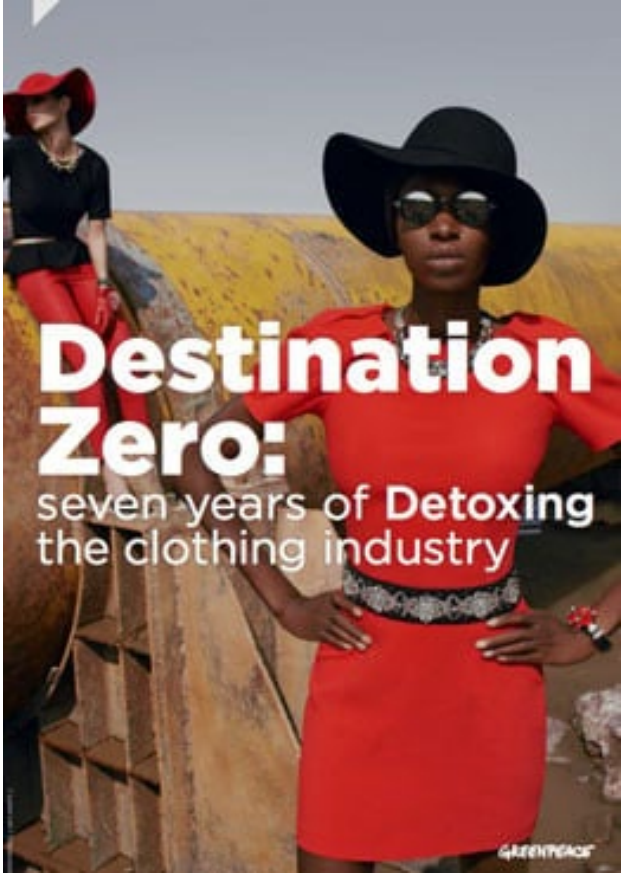
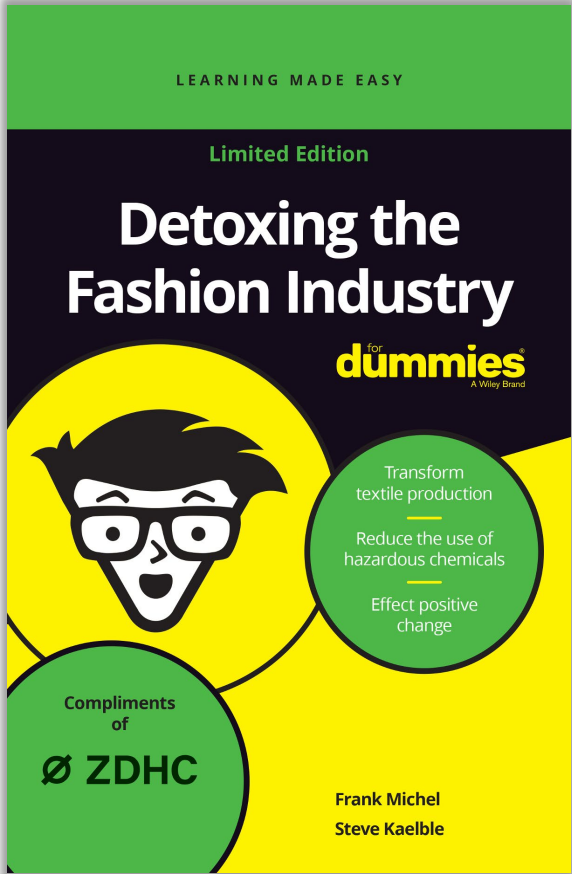
A farmer replacing paddy plants damaged by waste water contamination. Farmers are forced to use contaminated water to irrigate.

*Gazipur, Dhaka, Bangladesh, April 2014*

**Probal Rashid 2014 ©**

**ADEC Foundation**

# WHAT – Do We Need To Achieve?





# COLLABORATION. CONFIDENTIALITY. COMPETITION.

Including



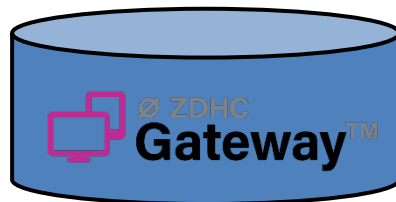
# We Trust...

Formulators add data about their company and products.

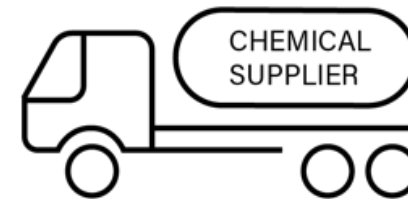


ZDHC accepted  
3rd party  
Certification standards

Verification



Product  
registration



Entity registration

## .. but Verify

ZDHC verifies this information with relevant Certification Companies.

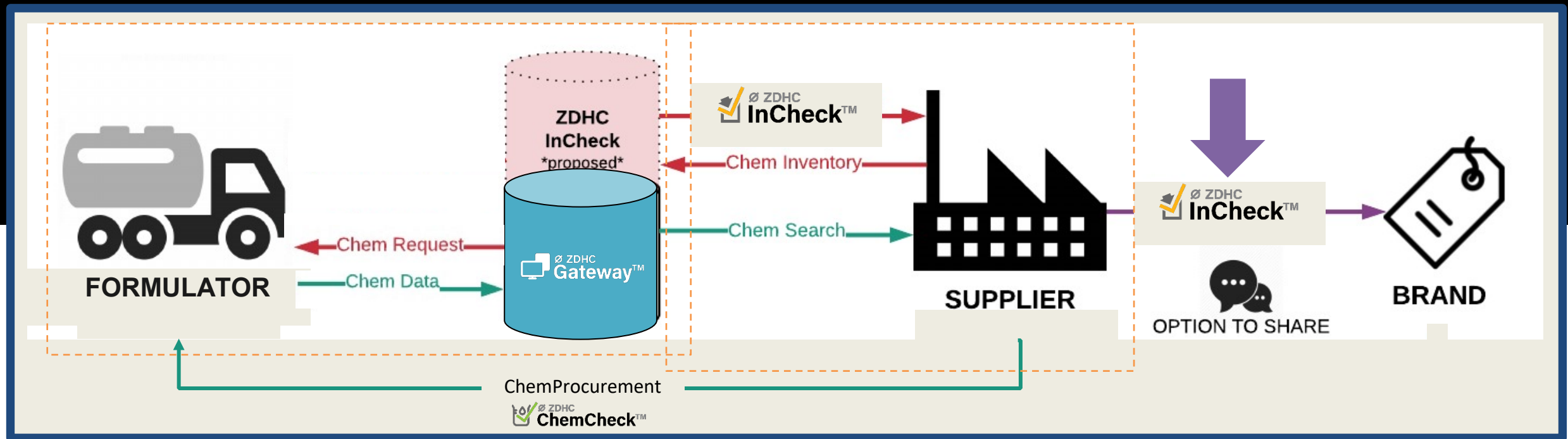


# ZDHC Gateway

## Measuring MRSL Conformance

We Trust...

.. but Verify



## BUILDING CAPACITY:

# 8 Key Learnings

---

1. **Staying value-led:** Invest time to understand and communicate how the program will create sufficient long-term value for all stakeholders
2. **Governance:** Ensure an appropriately resourced, diverse and unbiased governance structure operating to clear constitution.
3. **Accessibility:** Benefits to being enterprising. A well marketed and packaged offering promotes private sector participation and buy-in.
4. **Flexibility** built in to standards, tools and information to enable stakeholders to freely implement.
5. **Localisation:** important depending on multinational elements
6. **Open data:** Embrace open information principles and stick to them.
7. **Information quality:** Consider 'trust, but verify' principles
8. **User Support:** Size level of user support carefully.



# An award-winning solution

CleanChain™ is an award-winning system for tracking, managing and reporting environmental data across brand facilities and their value chain.

- ▶ Track supply chain
- ▶ Report to Brand & Industry standards
- ▶ Improve Sustainability performance
- ▶ Manage compliance – legal registry and corrective action plans



**‘a strong fit for business with complex supply chains’**

verdanti

ADEC Innovations Targets Complex Supply Chain Management Needs

Industry-wide recognition

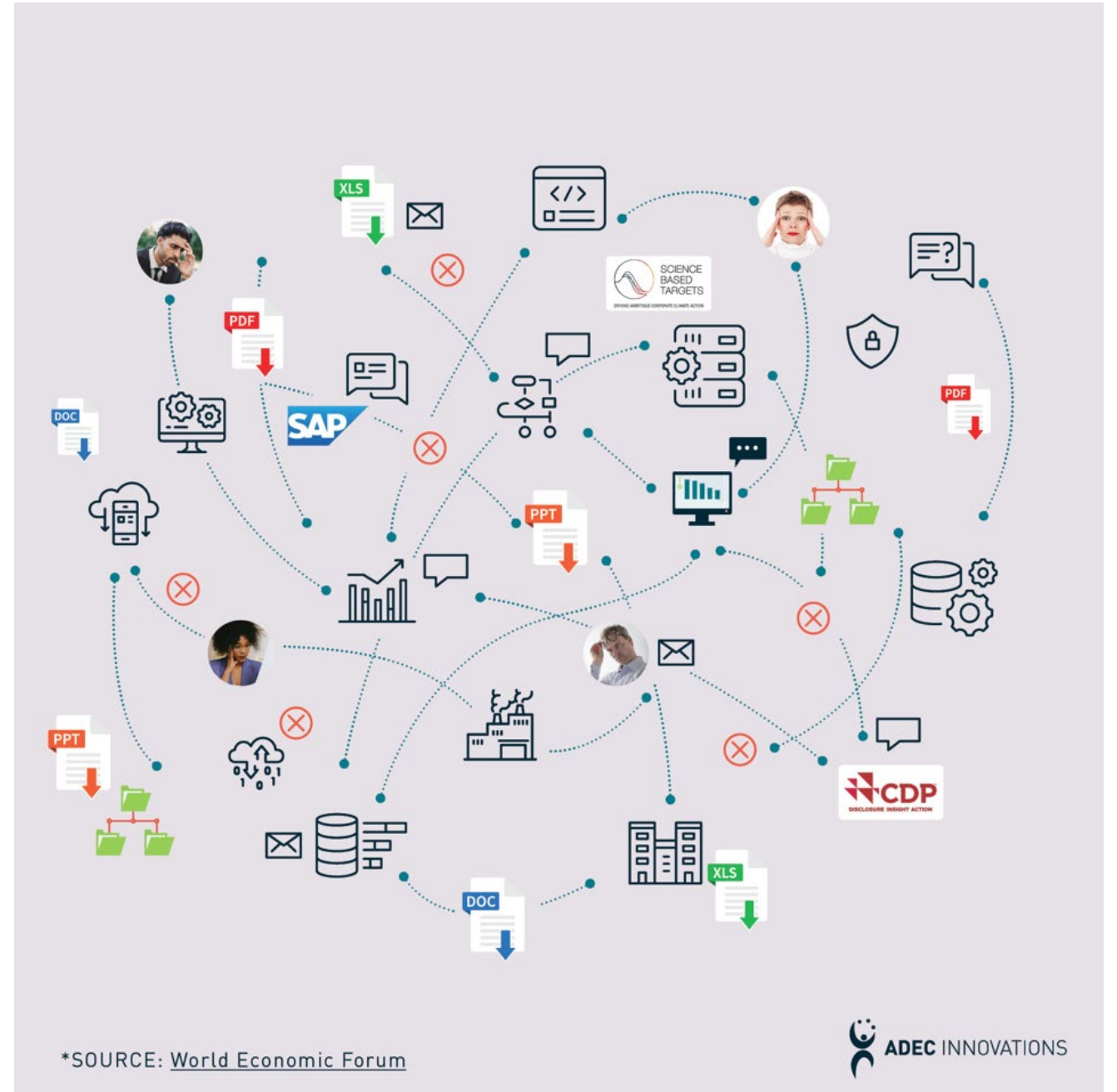


CLEANCHAIN

# The Challenge

## Creating Visibility Within Your Supply Chain

- 94% of companies do not know their supply chain
- Manual processes → non-scalable
- Need to align with multiple standards
- Inconsistent data from suppliers
- Data from multiple sources
- Where to start?

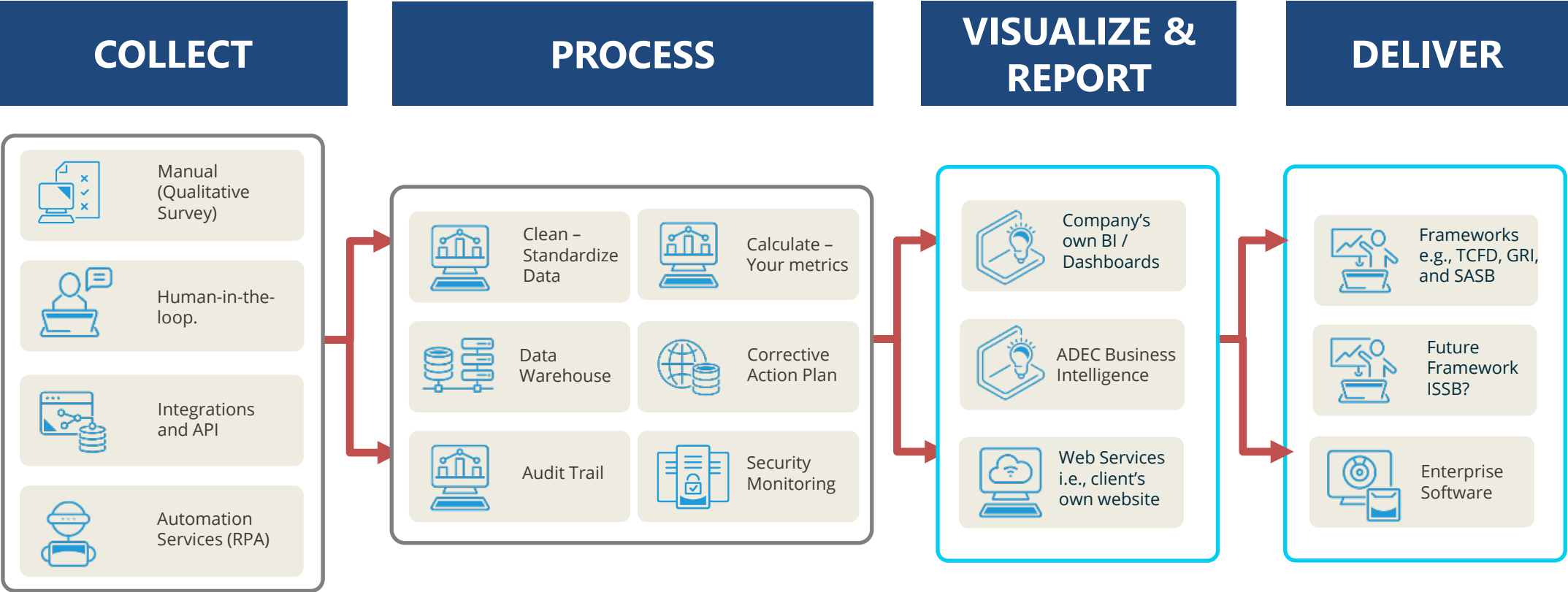


# Complex and evolving Landscape ESG Regulations

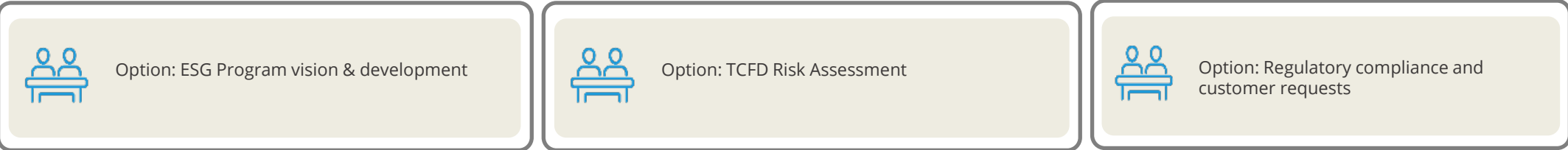


....Just a few of the current and proposed legislations that will influence scope 3 GHG disclosure

# CleanChain programme - supporting the value chain

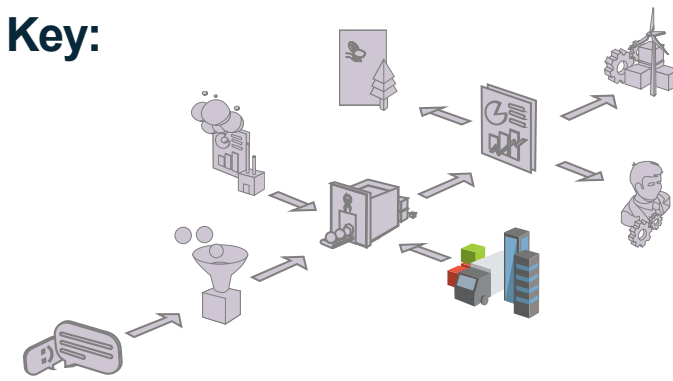


## PLAN & STRATEGIZE



# Example: Collect and Calculate Scope 3


Key:




**Challenge:** Visibility within the Supply Chain is non-existent and dedicating resources to solving this internally becomes a financial burden, resulting in a non-scalable process with very inconsistent data.

**Solution:** Understand the knowns and unknowns within the Supply Chain and augment technology to drive self-disclosure with human-in-the-loop services to underpin and drive quality data collection.


## Services Used




Human-in-the-loop.




Integrations and API



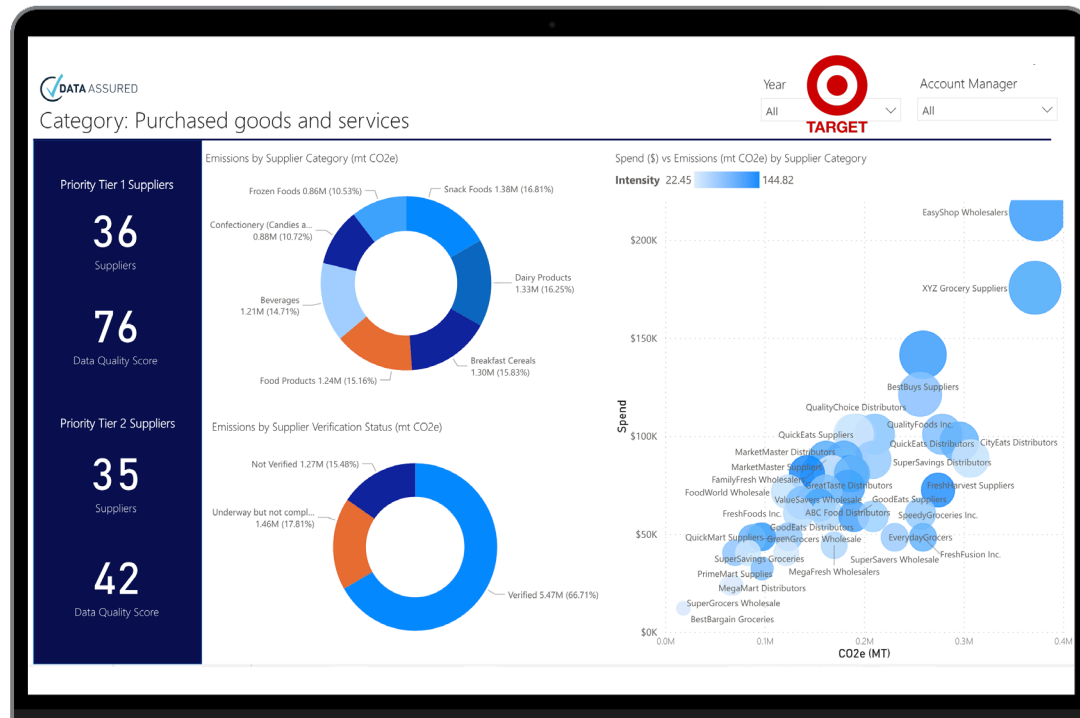
Clean - Standardize Data



Calculate - Your metrics



CleanChain Action Module



**CLEANCHAIN**

Organization Profile | Dashboards | Scorecard | Network | Connections | Invitations | Supply Chain | Report and Upload | Chemical | Water | Regulation | Compliance | Actions | Administration | GHG

**SUPPLY CHAIN**

**SUPPLY CHAIN | MANAGE SUPPLIER PROFILE**

Filter (0) | SUPPLIER NAME | ORGID | GROUP (ALL) | Connection Level (All)

Tier/Level (All) | Status (All) | Report Type (All)

**A Brand** | Total Suppliers 10

SUPPLIER NAME (ACCOUNT), COUNTRY	ORGID	CONNECTION LEVEL	SUPPLIER CODE	GROUP	TYPE	STATUS	CREATE DATE	UPDATE DATE	ACTIONS
A Mirro Mill 01 (A Demo), Australia	ORKZ-8SVA	1st	PMI004		Supplier	✓	16-Aug-2022	24-Aug-2023	ACTIONS
A Mirro Mill 02 (A Demo), Australia	ORGH-292R	1st	PMI005		Supplier	✓	18-May-2023	24-Aug-2023	ACTIONS
A TIGER FLEX S.r.l. (A Demo), United States of America	OR3A-7W4F	1st	PMI006		Supplier	✓	02-May-2023	24-Aug-2023	ACTIONS

**For further  
information  
please  
contact:**

**Dan Murray**

CleanChain

M +61 477 946 068

E [Daniel.murray@adec-innovations.com](mailto:Daniel.murray@adec-innovations.com)