Integrating impact data in supply chain decision making: the TSC case

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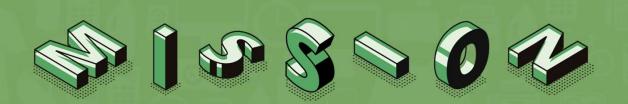
Content





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The Sustainability Consortium (TSC) is a global organization of diverse stakeholders working together to use the best sustainability science to help companies make the everyday products we use better and more sustainable.



TSC is: s

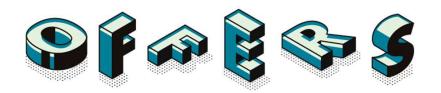
SCIENCE-BASED



STAKEHOLDER-INFORMED



FOCUSED ON IMPACT

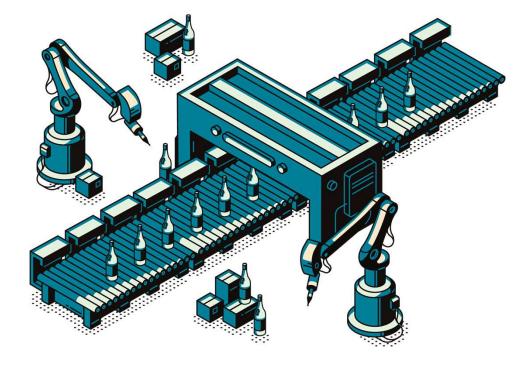


- Measurement & Reporting Program: THESIS, Commodity Mapping
- Leadership Institute:

Develop the sustainability leaders of tomorrow

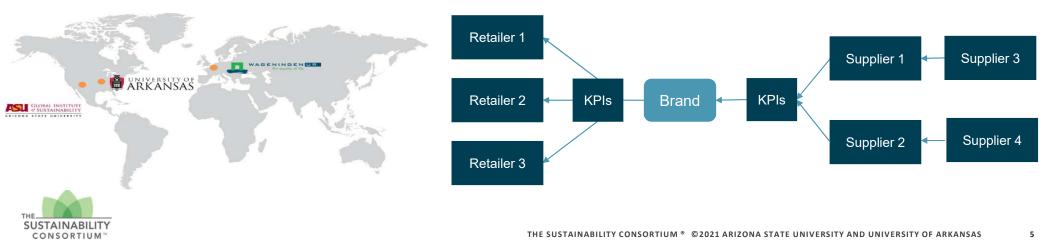
• Innovation Projects:

Tackle bottlenecks that can't be solved by individual companies alone

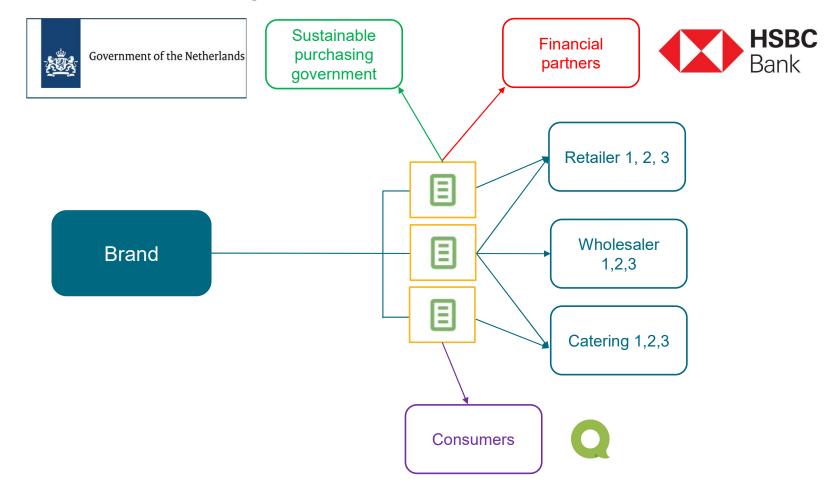


The Sustainability Improvement System (THESIS)

- Hotspots, improvement opportunities and assessment for all consumer product categories
- Full life cycle, all sustainability themes
- Stimulating innovation and continuous improvement
- Minimize cost by global harmonisation, alignment with leading initiatives and scale
- Implemented by nearly 2000 companies
- THESIS Leadership Project: Operational in 2022



Multiple use of the results





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Example Dashboard

Retailer Group P Retailer 1 P Retailer 2 P Retailer 3 Retailer 4	Priority KPIs O No O Yes	Total Suppliers Responded 23	# Able to Determine Suppliers 8	# Unable to I Suppl	liers No change Increase	Supplier Group Able to Determine Unable to Determine
Assessment Name / KPI Title Animal Welfare - Beef Cattle Animal Welfare - Broiler Chickens Animal Welfare - Dairy Cattle Animal Welfare - Dairy Cattle Animal Welfare - Pigs Animal Welfare - Pigs Canned Meat and Poultry Cheese Canned Meat and Poultry Cheese Cured and Processed Meats Cured and Processed Meats Cured and Processed Meats Segs Antibiotic Use - Animal Farm Operations Byproduct Utilization for Feed - Animal Far Greenhouse Gas Emissions Intensity - Man Wastewater Generation - Manufacturing Water Use Intensity - Animal Farm Operatio Worker Health and Safety - Animal Farm Operatio Worker Health and Safety - Animal Farm Operatio Norker Health and Safety - Animal Farm Operatio		Greenhouse Gas Emissions Intensity - Processing Supplier Namekg CO2e per metric tonne of product% of our product, by mass, is represented by the number reported above.				
		Supplier 12	68.83	*	29%	*
		Supplier 125	55.69	*	76%	1
		Supplier 13	162.14	*	26%	*
		Supplier 26	285.48	*	57%	*
		Supplier 29	335.85	1	90%	1
		Supplier 37	87.69	*	81%	^
		Supplier 38	295.6	1	.11%	*
		Supplier 39	152.53	*	24%	1
		Retailer 4 Average	71.73	+	60%	4
		THESIS Average	234.3	+	100%	†

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THESIS Industry Insights

Industry reports with in-depth analysis on separate themes or industries The aim is to raise awareness of key challenges and opportunities Textiles is next. Other food related ones will follow

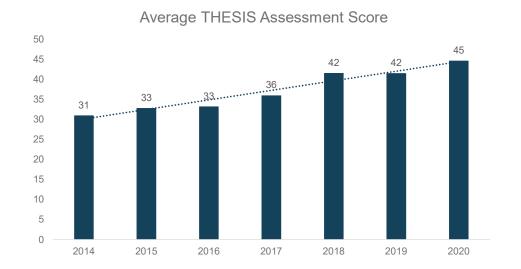


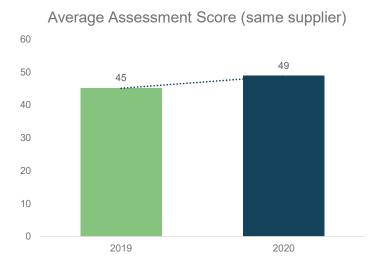


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THESIS Summary Stats

Based on 1,638 suppliers shared THESIS Index results with at least 1 retailer from sept 2020 on

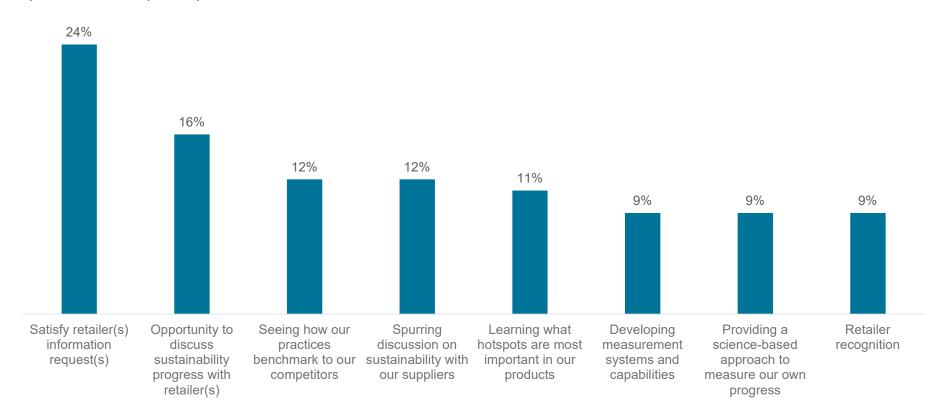




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Business Benefits

What business benefits have you obtained this past year through the THESIS Assessments? (n=2,324 total responses)



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Innovation projects: TSC's Ag Metrics Task Force



Feeding Our Food:

Make progress and share resources on feed sustainability and discuss points of intersection across different initiatives. <u>A feed sustainability resource list has been drafted</u>.



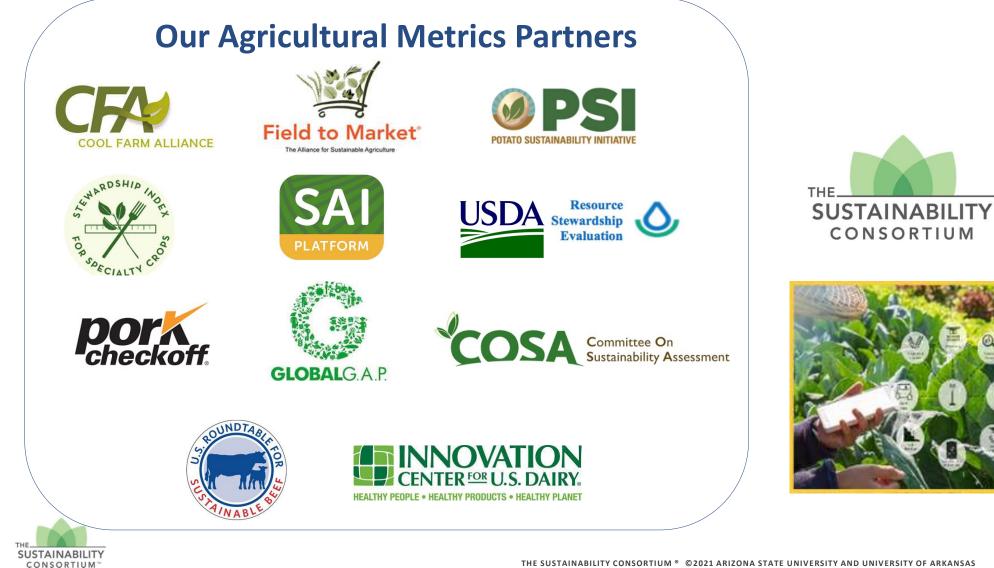
Grower Incentives Projects:

Research to survey growers about incentives to collect/share sustainability data titled <u>"Understanding Farmer's Perspectives on Collecting and Sharing Farm Data".</u> Update in Feb/Mar 2021. Results published at TSC summit in May.



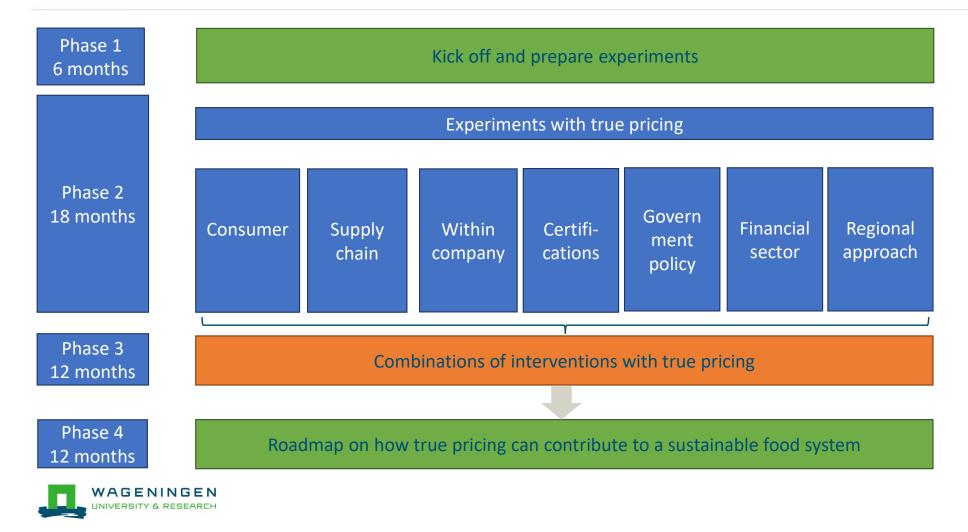
Ag Data Landscape : Bringing together farm metrics tool owners Data landscape mapping in agricultural supply chains API creation

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True Price applications project at WUR











The Sustainability Consortium[®] is jointly administered by Arizona State University and University of Arkansas with additional operations at Wageningen UR in the Netherlands.

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