

Center for Sustainable Business

Investing in Employee and Supplier Well-being: Proposed Benefits & Monetization Methods

**April 2023** 



#### **ROSI™ Framework**

#### Return on Sustainability Investment (ROSI™) Framework

Sustainability Drivers of **Financial** Performance & Competitive **Advantage** 



By embedding ESG risk and opportunities within core business strategy, the return on sustainable investment can be quantified, delivering the possibility of both financial value and positive societal impact.

## **Overview of Food & Agriculture Framework**

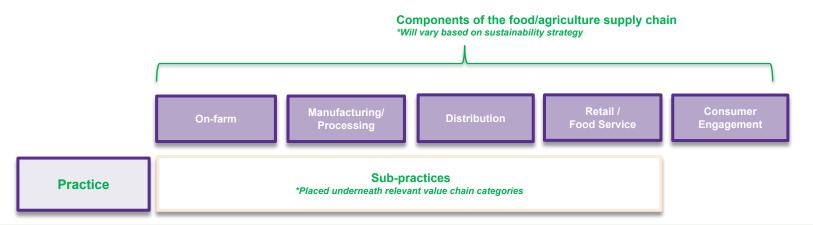
NYU Stern CSB is developing a ROSI<sup>™</sup> framework for food & agriculture with publicly available monetization tools to help the industry understand where and how sustainability can unlock financial value.

Based on research, experience, and engagement with industry leaders, we have identified the following sustainability strategies\* used by the industry to include in the framework:

Soil health Water stewardship Climate change Chemical management Biodiversity and ecosystem Animal stewardship Food waste management Sustainable sourcing conservation Employee and supplier Brand marketing and Food safety and nutrition Sustainable packaging well-being communications

# **Identified Sustainability Practices and Sub-Practices** Framework Layout

- Through our research, we identified key sustainability practices and sub-practices food and agriculture supply chains are implementing to achieve their sustainability strategies
- Each strategy includes sub-practices which are mapped under the relevant components of the food/agriculture supply chain, (if not relevant to a part of the supply chain, it is excluded)
- There are some benefits that are referenced across multiple strategies
- Compliance / enforcement practices are not explicitly listed in this framework but should be considered when implementing the twelve strategies
- Please see diagram below of the framework layout, which is illustrated for each strategy in the subsequent slides





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# Investing in Employee and Supplier Well-being

## **Investing in Employee and Supplier Well-being**

	On-farm	Manufacturing/ Processing	Distribution	Retail/ Food Service	Consumer Engagement					
Ensure fair compensation		Increase wages/promote flex	xible scheduling							
	Work with suppliers to im	plement living wages			Consumer awareness though					
Improve working	Eliminate child, forced labor, poor w safety issues) including using governr	orking conditions (e.g. health & nent, workers, NGO partnerships		Sell and promote products produced responsibly	labels/certification					
and community conditions	Respect land tenure and ens	-		responsibility						
Improve workforce	Pro									
diversity	Train and incentivize m									
Increase employee training and	Invest in training and worker skills	s, including health and safety tra provision of PP		ndling of chemicals and						
engagement	Inv									
Improve Benefit	Inves	Invest in direct benefits such as healthcare, 401k, and more								
Programs	Invest in and report on ind									



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# **Monetization Approach**

# Investing in Employee and Supplier Well-being

**Overview of Sustainability Strategy and Impact Categories** 

In the following slides, we will be focusing on benefits from the Wellbeing strategy, which are categorized based on the impact categories highlighted below

Sustainability Strategy Definition

**Investing in Employee and Supplier** Well-being

Food and Agriculture supply chains across the value chain are investing in employee and supplier well being by prioritizing practices such as increasing wages and benefits and working with suppliers to implement living wages, eliminating forced labor and improving working conditions

Impact Categories

**Operational Efficiency (OE)** 

Sales and Marketing (SM)

**Customer Loyalty (CL)** 

**Risk Management (RM)** 

Benefits that...

Optimize corporate and supply chain efficiencies to lower cost and increase profits

Increase volume of sales through brand and marketing policies

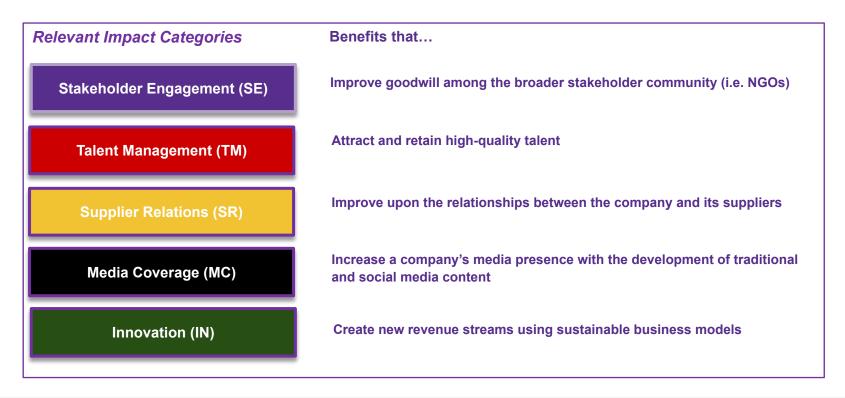
Attract an increasing community of conscious buyers & consumers, while reducing retention costs

**Encourage risk mitigation and resilience within the value chain** 

## Investing in Employee and Supplier Well-being

Overview of Sustainability Strategy and Impact Categories (continued)

In the following slides, we will be focusing on benefits from the Employee and Supplier Well-being sustainability strategy, which are categorized based on the impact categories highlighted below



Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
Engage fair		WB-1	Increased retention leading to lower hiring costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply the # additional employees retained with hiring costs per employee to estimate cost savings.  An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
Ensure fair compensatio n and improve working conditions	Close pay equity gap across workforce	WB-2	Increased retention leading to lower vacancy costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply # of retained employees with vacancy costs (e.g., margin loss due to vacant employee position) per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
		WB-3	Improved ability to attract talent leading to improved productivity	OE	Compare the farm's productivity measure against standard productivity measures and estimate the difference. Calculate the monetary increase by multiplying number of employees by average annual margin per employee and then multiplying by the positive difference between the company's measure and the standard.

<sup>\*</sup>Farm in this context means large farmers, family farmers, companies or cooperatives that have several small holder farmers

Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
Ensure		WB-1	Increased retention leading to lower hiring costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply the # additional employees retained with hiring costs per employee to estimate cost savings.  An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
fair compensa tion and improve working conditions	Increase Wages	WB-2	Increased retention leading to lower vacancy costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply # of retained employees with vacancy costs (e.g., margin loss due to vacant employee position) per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
		WB-3	Improved ability to attract talent leading to improved productivity	OE	Compare the farm's productivity measure against standard productivity measures and estimate the difference. Calculate the monetary increase by multiplying number of employees by average annual margin per employee and then multiplying by the positive difference between the company's measure and the standard.

<sup>\*</sup>Farm in this context means large farmers, family farmers, companies or cooperatives that have several small holder farmers

Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
	Eliminate child, forced labor, poor working conditions (e.g. health & safety	WB-4	Improving working conditions on the farm leads to fewer disputes and lower costs	RM,OE	Calculate the time and costs associated with community issues (including fines and/or potential fines, hours spent on related local city/county matters, etc). Estimate savings associated with engagement in local projects to capture cost efficiency
Ensure fair compensatio n and	risks), improper chemical handling including using government, workers, NGO partnerships	WB-5	Decreased risk of scandals and negative media	RM	Estimate the potential decline in revenues linked to key clients (cancelling orders) following a negative reputation event. Using a probability of occurrence factor, calculate the avoided loss (lost sales/lost margin if alternative customer exists for the time period impacted and incremental costs incurred to address the issue) to measure the benefits
improve work conditions		WB-4	Respecting land tenure leads to fewer disputes and lower costs	RM, OE	Calculate the time and costs associated with community issues (including fines and/or potential fines, hours spent on related local city/county matters, etc). Estimate savings associated with engagement in local projects to capture cost efficiency
	Respecting land tenure	WB-5	Decreased risk of scandals and negative media	RM	Estimate the potential decline in revenues linked to key clients (cancelling orders) following a negative reputation event. Using a probability of occurrence factor, calculate the avoided loss (lost sales/lost margin if alternative customer exists for the time period impacted and incremental costs incurred to address the issue) to measure the benefits

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Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
Ensure fair compensation	Respecting	WB-4	Improved community relations leads to fewer disputes and lower costs	RM, OE	Calculate the time and costs associated with community issues (including fines and/or potential fines, hours spent on related local city/county matters, etc). Estimate savings associated with engagement in local projects to capture cost efficiency
and improve community a	community access to resources	WB-5	Decreased risk of scandals and negative media	RM	Estimate the potential decline in revenues linked to key clients (cancelling orders) following a negative reputation event. Using a probability of occurrence factor, calculate the avoided loss (lost sales/lost margin if alternative customer exists for the time period impacted and incremental costs incurred to address the issue) to measure the benefits

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# **Investing in Workforce Diversity, ON FARM\***

Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Categor y	Suggested Monetization Methods
	Promote more inclusive and diverse work environments	WB-1	Increased retention leading to lower hiring costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply the # additional employees retained with hiring costs per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
Improve Workforce Diversity	Train and incentivize managers to hire and promote more inclusive and diverse	WB-2	Increased retention leading to lower vacancy costs	TM	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply # of retained employees with vacancy costs (e.g., margin loss due to vacant employee position) per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
	work environments	WB-3	Improved ability to attract talent leading to improved productivity	OE	Compare the farm's productivity measure against standard productivity measures and estimate the difference. Calculate the monetary increase by multiplying number of employees by average annual margin per employee and then multiplying by the positive difference between the company's measure and the standard.

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#### **Investing in Employee Training and Engagement, ON FARM\* Overview of Benefits and Monetization Methods**

Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
	Invest in training and worker skills	WB-1	Increased retention leading to lower hiring costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply the # additional employees retained with hiring costs per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
Increase Employee sustainability training and engagement	Invest in employee sustainability engagement programs (e.g., creating recycling infrastructure, offering incentives	WB-2	Increased retention leading to lower vacancy costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply # of retained employees with vacancy costs (e.g., margin loss due to vacant employee position) per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
	for transport use, EV charging stations)	WB-3	Improved ability to attract talent leading to improved productivity	OE	Compare the farm's productivity measure against standard productivity measures and estimate the difference. Calculate the monetary increase by multiplying number of employees by average annual margin per employee and then multiplying by the positive difference between the company's measure and the standard.

#### **Investing in Benefit Programs, ON FARM\* Overview of Benefits and Monetization Methods**

Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
Invest in direct benefits such as healthcare, and	WB-1	Increased retention leading to lower hiring costs	тм, ое	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply the # additional employees retained with hiring costs per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.	
Improve Benefit Programs	401k plans e t Invest in indirect	WB-2	Increased retention leading to lower vacancy costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply # of retained employees with vacancy costs (e.g., margin loss due to vacant employee position) per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
		WB-3	Improved ability to attract talent leading to improved productivity	ТМ	Compare the farm's productivity measure against standard productivity measures and estimate the difference. Calculate the monetary increase by multiplying number of employees by average annual margin per employee and then multiplying by the positive difference between the company's measure and the standard.

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# Investing in Fair Compensation, COMPANIES Overview of Benefits and Monetization Methods

**Impact** Metric **Practice** Sub-Practice **Proposed Benefits Suggested Monetization Methods** Category Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Improved worker satisfaction Multiply the # additional employees retained with hiring costs per employee to WB-1 TM leading to lower hiring costs estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through. Design and conduct an employee survey on the impact of the organization's Close pay **Ensure Fair** sustainability initiatives on employee retention. Track improvements in scores equity gap over time to estimate # additional employees retained due to sustainability. Compensatio across Improved worker satisfaction Multiply # of retained employees with vacancy costs (e.g., margin loss due to workforce WR-2 TM leading to lower vacancy costs vacant employee position) per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through. Compare company's productivity measure against industry standard productivity measure and estimate the difference. Calculate the monetary Improved worker satisfaction WB-3 OE increase by multiplying number of employees by average annual margin per leading to improved productivity employee and then multiplying by the positive difference between the company's measure and the industry standard.

# **Investing in Fair Compensation, COMPANIES**

Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
		WB-1	Improved worker satisfaction leading to lower hiring costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply the # additional employees retained with hiring costs per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
Ensure Fair Compensatio n	Increase wages/promote flexible scheduling	WB-2	Improved worker satisfaction leading to lower vacancy costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply # of retained employees with vacancy costs (e.g., margin loss due to vacant employee position) per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
		WB-3	Improved worker satisfaction leading to improved productivity	OE	Compare company's productivity measure against industry standard productivity measure and estimate the difference. Calculate the monetary increase by multiplying number of employees by average annual margin per employee and then multiplying by the positive difference between the company's measure and the industry standard.

#### **Investing in Fair Compensation, COMPANIES Overview of Benefits and Monetization Methods**

Practice	Sub-Practic e	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
	Work with suppliers to ensure they	WB-6	Improved supplier resiliency explicitly related to fair compensation and avoid labor scandals and negative media	RM	Estimate the likelihood of a supplier related reputational event occurring (use a theoretical probability model or historical data). Estimate the annual loss from business disruption (e.g. margin loss due to lost sales, legal and PR costs) and multiply by the probability estimated to calculate the total loss avoided.
Enguro Egir	pay minimum or higher than living wage standards  Ensure Fair Compensation  Sell and promote products produced responsibly	Improved supplier resiliency avoids supply disruption and improves productivity	OE	Compare company's productivity measure against industry standard productivity measure and estimate the difference (using metrics such as day/output terms).  Calculate the monetary increase by multiplying average annual margin per day/other metric by the positive difference between the company's measure and the industry standard.	
		SS-15	S-15 Adding product certifications can increased market share with customers focused on		Estimate the number of grievances/inquiries historically self-initiated or by NGOs, clients regarding compliance with sustainability standards. Estimate the average employee hours used to resolve requests. Estimate the impact of sustainability initiatives on the number of grievances/inquiries and hours spent to resolve capturing expected cost savings.
aw th	Consumer awareness through labels/ certification	SS-16		SM	Calculate annual margin/profit from additional business opportunities that emerge from associating with sustainability focused buyers vs. other buyers

#### **Investing in Fair Compensation, COMPANIES Overview of Benefits and Monetization Methods**

Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
Ensure Fair Compensation	Eliminate child, forced labor, poor working conditions (e.g. health & safety risks) including using government, workers, NGO partnerships	WB-4	Improved community relations leading to fewer disputes and lower costs	RM,OE	Calculate the time and costs associated with community issues (including fines and/or potential fines, hours spent on related local city/county matters, etc). Estimate savings associated with engagement in local projects to capture cost efficiency
	Respecting land tenure and community access to resources	WB-5	Decreased risk of child labor/other labor scandals and negative media	RM	Estimate the potential decline in revenues linked to key clients (cancelling orders) following a negative reputation event. Using a probability of occurrence factor, calculate the avoided loss (lost sales/lost margin if alternative customer exists for the time period impacted and incremental costs incurred to address the issue) to measure the benefits

# **Investing in Workforce Diversity COMPANIES**

Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
	Train and incentivize managers to hire and promote more inclusive and diverse work environments	WB-3	Increase employee satisfaction leading to increased productivity	OE	Compare company's productivity measure against industry standard productivity measure and estimate the difference. Calculate the monetary increase by multiplying number of employees by average annual margin per employee and then multiplying by the positive difference between the company's measure and the industry standard.
Improve Workforce Diversity		WB-1	Attract and appeal to a wider audience leading to lower hiring costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply the # additional employees retained with hiring costs per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
		WB-2	Attract and appeal to a wider audience leading to lower vacancy costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply # of retained employees with vacancy costs (e.g., margin loss due to vacant employee position) per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.

# **Investing in Employee Training and Engagement, COMPANIES**

Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
Increase Employee Training and Engagement	Invest in training and worker skills	WB-3	Increase employee satisfaction leading to increased productivity	OE	Compare company's productivity measure against industry standard productivity measure and estimate the difference. Calculate the monetary increase by multiplying number of employees by average annual margin per employee and then multiplying by the positive difference between the company's measure and the industry standard.
	Invest in employee sustainability engagement programs	WB-1	Attract and appeal to a wider audience leading to lower hiring costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply the # additional employees retained with hiring costs per employee to estimate cost savings.  An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
		WB-2	Attract and appeal to a wider audience leading to lower vacancy costs	ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply # of retained employees with vacancy costs (e.g., margin loss due to vacant employee position) per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
	Implement health and safety trainings and measures on-premise	WB-8	Reduced risk of liability associated with incidents	OE	Ascertain if any safety incidents occurred in the past and the costs incurred ( such as compensation payout, business disruption etc.,). Compare the # of incidents before and after the roll out of the training programs. Multiply the favorable difference with the costs incurred per employee and the total number of employees.

# **Investing in Benefit Programs, COMPANIES**

Practice	Sub-Practice	Metric #	Proposed Benefits	Impact Category	Suggested Monetization Methods
Improve Benefit Programs	Invest in direct benefits such as healthcare, 401k, and more	WB-3	Increase employee satisfaction leading to increased productivity and retention, thus lower hiring and vacancy costs	OE	Compare company's productivity measure against industry standard productivity measure and estimate the difference. Calculate the monetary increase by multiplying number of employees by average annual margin per employee and then multiplying by the positive difference between the company's measure and the industry standard.
	Invest in indirect benefits such as work-life balance, safe working environment, and more	WB-1		ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply the # additional employees retained with hiring costs per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.
		WB-2		ТМ	Design and conduct an employee survey on the impact of the organization's sustainability initiatives on employee retention. Track improvements in scores over time to estimate # additional employees retained due to sustainability. Multiply # of retained employees with vacancy costs (e.g., margin loss due to vacant employee position) per employee to estimate cost savings. An alternate measure is to track employee turnover rate before and after implementation of initiatives and calculate the # of additional employees retained due to sustainability and then follow the rest of the steps through.



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