

2016 SUSTAINABILITY SCORECARD

2015 2016

ENVIRONMENT

Category	2015	2016	Status
Reducing building energy use and greenhouse gas (GHG) emissions			
• Reduce Scope 1 and 2 GHG emissions 50% from 2008-2025 after renewable electricity purchases (FY25 Target: 21,843 MTCO ₂ e)	0	12,609	
• Reduce energy use intensity in buildings 25% from 2015-2025 (FY25 Target: 126 kBtu/ft ²)	167	167	
• At least 10% of electricity use from renewable sources	53%	53%	
Traveling smarter			
• Reduce petroleum-based fuel use in fleet vehicles 20% from 2005-2015 and maintain thereafter (FY16 Target: 31,060 GGE)	28,988	31,053	
• Reduce fleet-wide per mile GHG emissions 30% from 2014-2025 (FY16 Target: 744 gCO ₂ e/mile)	728	738	
• Reduce Scope 3 GHG emissions from employee transportation 25% from 2008-2025 (FY25 Target: 18,091 MTCO ₂ e)	21,190	22,804	
Minimizing water use			
• Reduce potable water use intensity 36% from 2007-2025 (FY25 Targets: 45 gallons/ft ²)	23	24	
• Reduce irrigation water use 30% from 2010-2025 (FY25 Target: 123M gallons)	168M	167M	
Reducing material purchases and waste			
• Divert at least 50% of sanitary waste from landfills	54%	54%	

SOCIAL

Category	2015	2016	Status
Keeping employees healthy and safe			
• Total recordable case rate ≤ .65 ²	0.86	0.45	
• Days away, restricted, or transferred rate ≤ .25 ¹	0.46	0.42	
Investing in our employees' professional development			
• Average participant satisfaction rating from professional development programs ≥ 4.5/5	4.6	4.6	
Creating an inclusive work environment			
• No goal established			N/A
Fostering the next generation of scientists and engineers			
• Average participant rating of work-based learning programs ≥ 4.0/5	4.7	4.6	

ECONOMIC

Category	2015	2016	Status
Transferring technology that makes a difference			
• Economic contribution to global economy from licensed technologies (Target: Minimum=\$50M, Stretch=\$100M)	\$108.7M	\$130.0M	
Maintaining financial viability through research and operational excellence			
• Sales targets: >\$812M in 2015 and >\$885M in 2016	\$918.5M	\$1,082.9M	
• Operating budget targets: >\$931M in 2015 and >\$934M in 2016	\$955.1M	\$920.4M	
Supporting small businesses			
• Award at least 50% of procurement dollars to small businesses ²	57%	49.3%	
Giving back to our communities			
• Philanthropic investments (No target) ³	\$621,740	\$625,114	N/A

1. Reported per 200,000 employee hours worked.
 2. While PNNL did not meet the overall target, the procurement spent to small businesses classified as disadvantaged, woman-owned, and service-disabled veteran-owned was above the goal.
 3. Philanthropic investments are distributed by a committee of employees from Battelle's Pacific Northwest Division.

did not meet target risk of not meeting target met or on track to meet target