

## Labs21 Case Studies: Featured Concepts

Case Study	Laboratory Type			Construction		Type of Operation							Service Option		
	Wet Lab	Dry Lab	Clean Room	New	Retrofit	Research/ Development	Manufacturing	Teaching	Chemistry	Biology	Electronics	Automotive Tests	Suspended ceiling	Utility Corridor	Interstitial space
Sandia National Laboratories	X			X		X								X	
Louis Stokes Laboratories, Building 50, NIH	X			X					X	X					X
Nidus Center for Scientific Enterprise	X	X		X		X				X			X		
Whitehead Biomedical Research Building	X			X					X	X			X		
Donald Bren Hall	X	X		X				X	X	X			X		
Fred Hutchinson Cancer Research Center	X			X		X			X	X					X
Marian E. Koshland Integrad Natural Science Center	X	X		X	X			X							
Molecular Foundry LBNL	X	X	X	X		X			X	X	X		X		
NREL, Science and Technology Facility	X			X		X			X					X	
Rober S. Kerr Environmental Research Center	X	X			X	X			X	X			X		
Georgia Public Health Laboratory	X			X					X	X				X	
National Vehicle and Fuel Emissions Laboratory		X			X							X			
Pharmacia Building Q	X			X					X	X			X		

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Case Study	Featured Technologies									
	Fume Hoods	Controls	Mechanical Systems	Electrical Lodes	Water Conservation	Renewables	Sustainable design/planning	On-site Generation	Daylighting	Building Commissioning
Sandia National Laboratories	X	X	X	X						
Louis Stokes Laboratories, Building 50, NIH	X	X	X	X						
Nidus Center for Scientific Enterprise	X	X	X		X		X		X	X
Whitehead Biomedical Research Building	X	X	X	X	X		X		X	X
Donald Bren Hall	X	X	X	X	X	X	X		X	X
Fred Hutchinson Cancer Research Center	X	X	X	X	X					
Marian E. Koshland Integrad Natural Science Center	X	X	X	X			X		X	
Molecular Foundry LBNL	X	X	X	X	X		X		X	X
NREL, Science and Technology Facility	X	X	X	X	X		X		X	X
Rober S. Kerr Environmental Research Center	X X	X	X			X				X
Georgia Public Health Laboratory			X				X		X	X
National Vehicle and Fuel Emissions Laboratory			X		X			X		
Pharmacia Building Q	X	X	X	X	X		X		X	X

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Case Study	Other Topics					LEED Rating			
	Diversity Factor	Carbon Trading	Selling concepts to stakeholders	Design Process	ESPC	Platinum	Gold	Silver	Certified
Sandia National Laboratories	X								
Louis Stokes Laboratories, Building 50, NIH									
Nidus Center for Scientific Enterprise				X				X	
Whitehead Biomedical Research Building				X				X	
Donald Bren Hall				X		X			
Fred Hutchinson Cancer Research Center									
Marian E. Koshland Integrad Natural Science Center				X					
Molecular Foundry LBNL				X				X	
NREL, Science and Technology Facility				X		X			
Rober S. Kerr Environmental Research Center					X				
Georgia Public Health Laboratory				X					
National Vehicle and Fuel Emissions Laboratory					X				
Pharmacia Building Q	X			X			X		