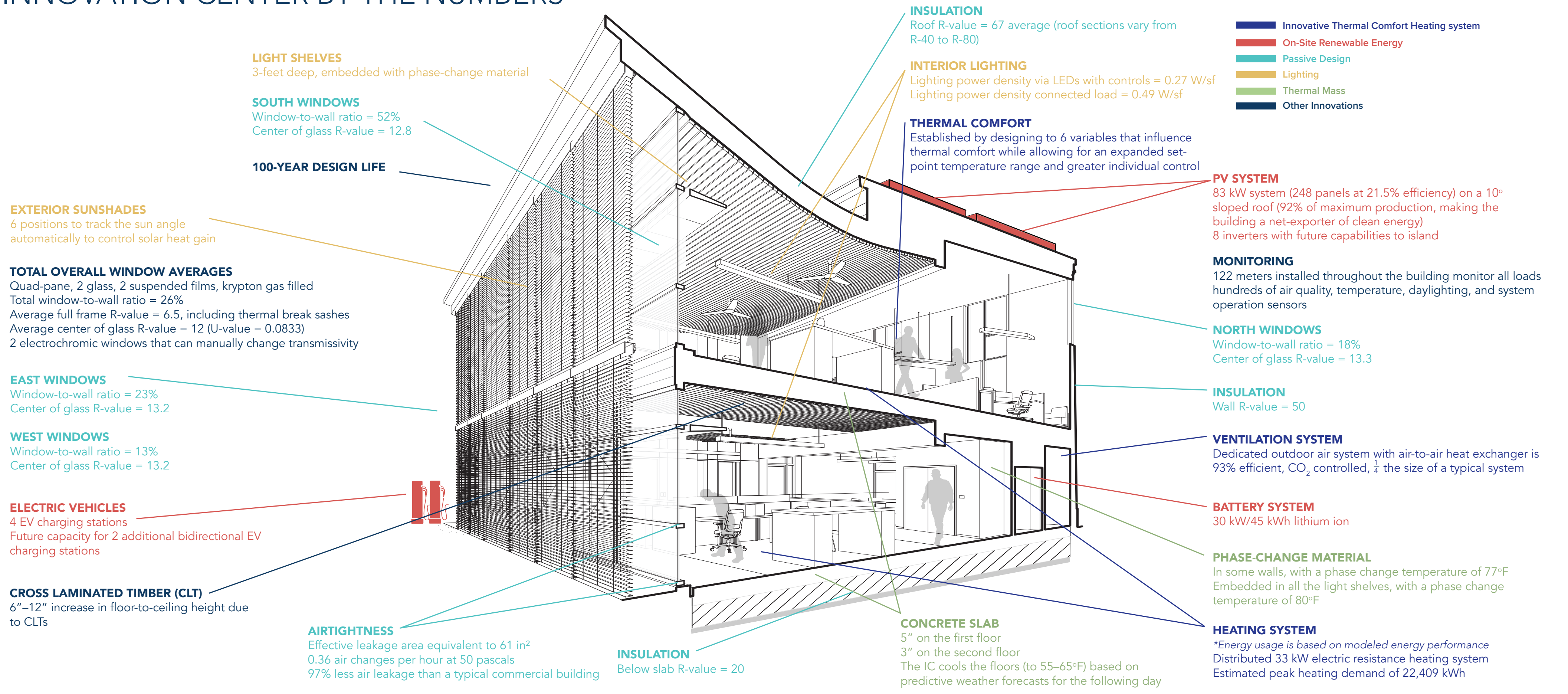


# ROCKY MOUNTAIN INSTITUTE'S INNOVATION CENTER: FIRST TO ACHIEVE PHIUS+ 2015 AND SOURCE NET ZERO CERTIFICATION

RMI's Innovation Center, our institute's new headquarters, accommodates 50 staff and serves as a "living lab" to test, demonstrate, and share how high performance buildings are designed, contracted, constructed, and occupied. The building currently has a measured energy use intensity of 15.9 kBtu/ft<sup>2</sup>/yr, and is on track to generate nearly 2X more energy than it uses.

The building's modest additional upfront cost to achieve net-zero energy (10.8%) will pay for itself in less than four years. This level of performance is achieved thanks to integrative, passive design. A committed team used "integrated project delivery"—a contract model that promotes collaboration, shared goals, and an innovative risk/reward system to make it all possible.

## INNOVATION CENTER BY THE NUMBERS



All photos by Tim Griffith

WUFI PASSIVE RESULTS		
PERFORMANCE CATEGORY	PHIUS+ 2015 REQUIREMENTS	RMI INNOVATION CENTER
HEATING DEMAND (KBTU/FT <sup>2</sup> /YR)	6.6	6.2
COOLING DEMAND (KBTU/FT <sup>2</sup> /YR)	1	0.23
HEATING LOAD (BTU/HR FT <sup>2</sup> )	5.1	4.96
COOLING LOAD (BTU/HR FT <sup>2</sup> )	3.6	0
PRIMARY ENERGY (KBTU/FT <sup>2</sup> /YR)	38.04	33.41
SITE ENERGY (KBTU/FT <sup>2</sup> /YR)	-	-0.35
AIR TIGHTNESS (ACH50)	0.51	0.36
AIR TIGHTNESS (CFM50/FT <sup>2</sup> )	0.05	0.04

**LOCATION:** 22830 Two Rivers Road, Basalt, CO  
**USE TYPE:** Commercial / Office  
**DESIGN TEAM:** ZGF, PAE, Architectural Applications  
**OWNER:** Rocky Mountain Institute  
**SIZE:** 15,610 ft<sup>2</sup>  
**BUILDER:** J.E. Dunn

