



Integrated Lighting Campaign

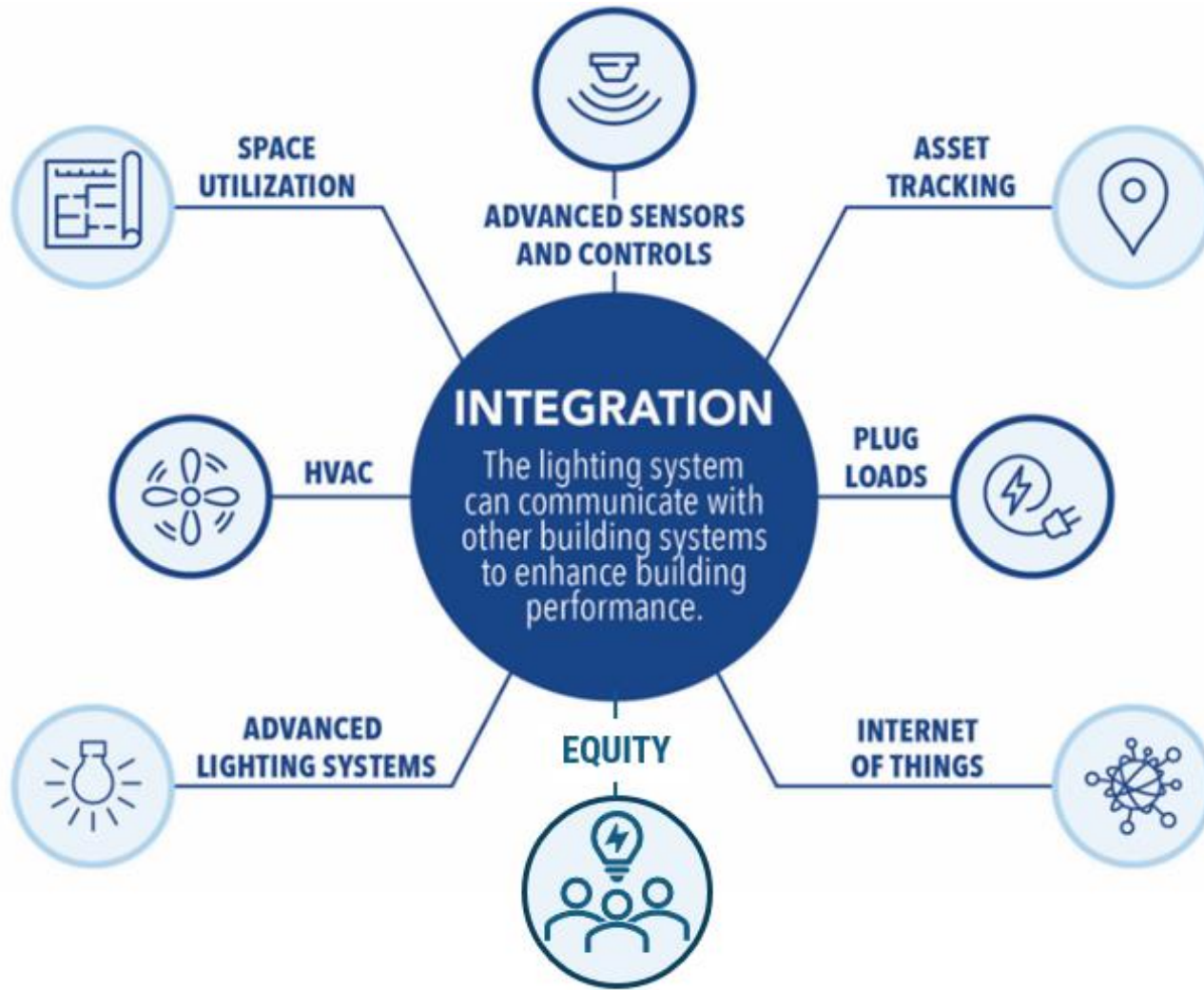
Overview for the California Energy Alliance

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Overview – Integrated Lighting Campaign



The ILC recognizes **innovative lighting projects** that push the envelope in terms of integration, energy savings, novel capabilities, and non-energy benefits

2022 Recognitions

Recognition Category	# of Recognitions
Advanced Sensors and Controls	11
Integrated HVAC Controls	0
Integrated Plug Load Controls	2
Other Integrated Systems	2
Integrated Horticultural Controls	2
Innovative Maintenance, Operation, and Financing Service Models	1
Exemplary Supporter	2
Diversity, Equity, and Inclusion Champion	1



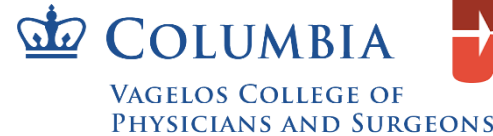
THE UNIVERSITY OF VERMONT
AGRICULTURE &
LIFE SCIENCES



VERTICAL
HARVEST



SEED CAPITAL



Recognition Promotion

2022 RECOGNIZED PARTICIPANT

NORTHWEST ENERGY EFFICIENCY ALLIANCE



Location:
Portland, Oregon

Recognition Category:
Advanced Use of Sensors and Controls for Lighting

Building Type:
Office Space

Square Footage:
13,000

- Panel 1:** DALI D4i drivers are embedded in each fixture, allowing for digital, 2-way communication between the control system and driver. D4i also enables additional capabilities like complex color tuning, which NEEA implemented to provide a more comfortable lighting environment for occupants.
- Panel 2:** In addition to the general office lighting, accent lighting above and under the cabinets are integrated with the control system.
- Panel 3:** The system was commissioned in two days. The advanced controls enable long-term flexibility by allowing for easy recommissioning and rezoning if the space layout changes without having to re-wire the system.

Bottom Panel: Luminaire Level Lighting Controls (LLLC) combine LEDs, sensors, and communication that allows for better lighting control, energy savings, and occupant comfort.

Bottom Panel: All 125 two-by-four troffers and linear lights include occupancy and daylighting sensors. There are also sensors for every two can lights along the perimeter of the office and in a main hallway.

Bottom Panel: Intuitive wall stations in the space are easy to use and understand, giving occupants personalized control over their space.

integratedlightingcampaign.energy.gov

FOR MORE INFO, CONTACT US AT: INTEGRATEDLIGHTING@PNNL.GOV

Infographics highlight key features, metrics and successes

Videos spotlight the participants and lets them tell the story



NEW Participant Categories



Advanced
Lighting
Solutions for
Small Buildings
($<50,000$ ft²)



Germicidal
Ultraviolet (GUV)
Systems for
Energy Savings
and Improved
Indoor Air
Quality



Sustainability in
Lighting



Energy Justice,
Diversity, Equity,
and Inclusion in
Advanced
Lighting

2023 Submission Period is Now Open!

- **We are looking for projects in these categories to recognize in 2023**
- Do you know of a project? Let me know!
- Ready to submit? Click here!
 - <https://integratedlightingcampaign.energy.gov/ilc-recognition>

Thanks for your time!

