

What is a LEED certified building?

LEED is an acronym of Leadership in Energy and Environmental Design. Created by the U.S. Green Building Council, LEED measures green building performance in five categories:



Sustainable Site

Reducing the impact of a building on a site by reducing the quantity of hard surfaces and providing more natural landscapes.



Water Efficiency

Reduce potable water use through efficient landscape and irrigation. Maximize water efficiency within the building.



Energy and Atmosphere

Optimize energy efficiency through the use of commissioning, monitoring systems, and established minimums for cooling, air circulation, filtration, and green power.



Materials Resources

Reduces impact of construction through waste management, reusing existing resources, selecting recycled resources, designing for collection of recycling.



Indoor Environmental Quality

Ensure ventilation effectiveness, control of contaminants, use low-emitting materials, thermal control, and a connection to the outdoors through daylight and views.

For more about LEED and its development, visit www.usgbc.org.



LEED is a third party certification program and the nationally accepted benchmark for the design, construction and operation of high performance green buildings.

Who uses LEED?

Architects, real estate professionals, facility managers, engineers, interior designers, landscape architects, construction managers, lenders and government officials all use LEED to help transform the built environment into a truly sustainable place.



“It is consistent with IKEA’s Swedish heritage to use resources wisely. Supporting that commitment, IKEA believes that we can achieve business objectives while being socially and environmentally responsible.”

Pernille Lopez, President
IKEA North America

IKEA Portland
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Sustainable Site



Water Efficiency



Energy & Atmosphere



Materials & Resources



Indoor Environmental Quality



LEED™ by example

A walking guide to the
IKEA Portland building

IKEA®

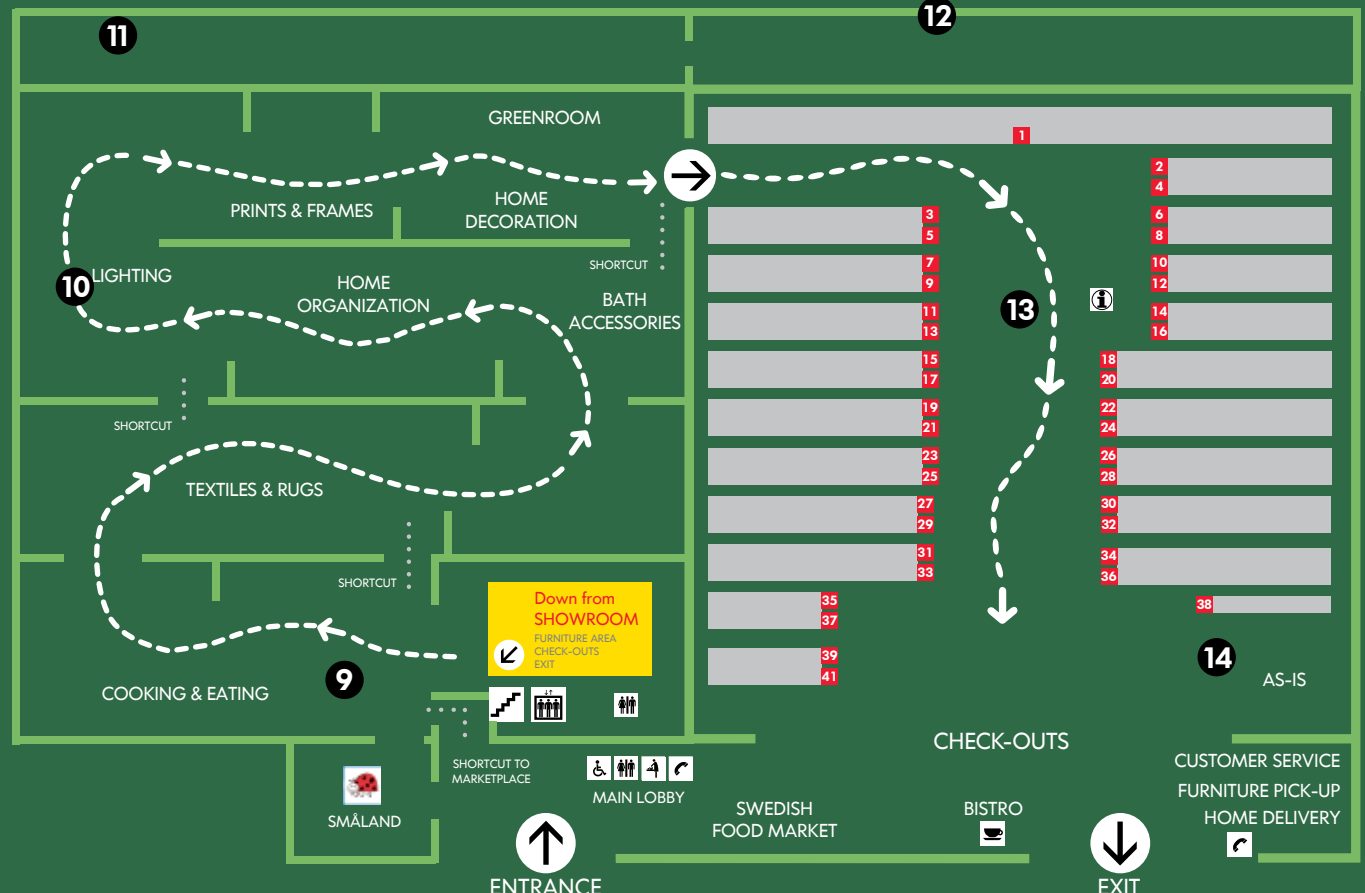
SHOWROOM

Second Floor



MARKETPLACE & SELF SERVE WAREHOUSE

Ground Floor



We've designed the store to be green from the ground up.

- 1** Proximity to the light rail station and over 80 bike racks encourages alternate forms of transportation.
- 2** The building's HVAC (heating/ventilation/air conditioning) units do not use ozone-depleting CFC refrigerants. *IKEA chose to make this switch before a nation-wide ban takes effect in 2010.*
- 3** The first Complete Home shows numerous environmentally conscious solutions for small space living.
- 4** The store is equipped with energy-efficient T5 bulbs. Lighting schedules help conserve total kilowatt hours and reduces CO² emissions.
- 5** All the interior paints we use have low VOC (volatile organic compound) content.
- 6** Low-flow sinks and dual-flush toilets in all our restrooms reduce water consumption by 30% from a typical building.
- 7** The Marmoleum in our Restaurant is a 95% recycled, ultra-durable material with a 30-year life cycle.
- 8** Our Restaurant composts over 95% of the organic waste generated during business hours.
- 9** Bare concrete throughout the store means no raw materials are used.
- 10** Our wide selection of CFL bulbs shows you how easy and affordable it is to be energy efficient.
- 11** For all store functions, we recycle cardboard, wood, metal, plastic, CFL bulbs, glass and batteries.
- 12** Our dock door seals limit energy loss during receiving operations.
- 13** Natural light from skylights and two oversize fans destratify air for more efficient cooling and heating.
- 14** The As-is Department extends the life of merchandise by reusing parts and items that have been returned or are slightly damaged.
- 15** Storm water filtration vaults allow us to filter storm water before returning to ground water. In addition, 39 irrigation zones surrounding the store allow for conscientious water management.

Off the map

- 95% of the waste produced during construction was diverted from landfills and recycled.
- 35% of the store's energy is purchased from renewable resources.