Better indoor environments are simply better for people.

A modern problem: Indoor air contains a complex mix of pollutants, from toxic chemicals emitted by building materials and furnishings to mould, dust and airborne bacteria. Unfortunately, pollutants accumulate in many modern buildings because they are as airtight as possible to save on heating and cooling costs. Ventilation systems must display mediocre as to provide air with outside air, but this requires more heating, cooling and humidifying.

Ours is nature’s solution: A Nedlaw Living Walls system delivers fresh air to your building’s occupants the way nature intended. Instead of introducing large amounts of “fresh” outside air, Nedlaw integrates our patented ecosystem into the building’s air handling system to create “virtual fresh air.” This biological filter actively draws smoke air through the hydroponic plant wall. In this way pollutants are removed through normal, biological processes and metabolized into their harmless components.

The results: Years of research prove Nedlaw Living Walls provide better indoor environments. They remove harmful volatile organic compounds (VOCs) like formaldehyde and benzene that a conventional air filter simply cannot. They also lower concentrations of dust, fungal spores and airborne bacteria. The air quality of a space with a Nedlaw Living Walls system is as good as — or better than — similar indoor spaces relying on traditional ventilation systems.

Leadership in Energy and Environment Design. Going natural has its rewards. In practice, our natural Living Walls have been shown to use only 20% of the heating/cooling energy of a conventional HVAC system. That’s why Nedlaw Living Walls are involved in many LEED®-designated projects. We have the experience and ability to deliver the results required to help you meet these strict standards. Find out how Nedlaw Living Walls can help your building qualify for LEED points.

Preserving your peace of mind. The Nedlaw Living Walls team of specialists has all the boxes covered from design and installation to maintenance. We are experts on most every air-quality issue. Employing organic maintenance methods, we ensure that your Living Walls remain beautiful and continue to provide maximum benefits to your indoor space. We offer scheduled monthly maintenance plans or, alternately, we can customize a plan to best suit your needs.