



## Green Roof Benefits

Currently more prevalent in Europe but enourmously growing in popularity globally, green roofs help preserve green space, control storm water runoff, reduce a building's energy costs, and provide beauty. Green roofs have gone from horticultural curiosity to a growth industry in urban and suburban settings alike - primarily because their financial and environmental benefits are now beyond dispute.

### FINANCIAL

- Protection of roof membrane resulting in a longer roof lifespan (it is estimated that green roofs will last up to twice as long as conventional roofs), resulting in decreased maintenance and savings in replacement costs
- Savings on energy costs (heating and cooling ), depending on the size of the building, climate and type of green roof. A study on industrial building cooling from Germany demonstrated a 2-3 year payoff of the green roof system through savings in heating and cooling costs, as well as in equipment costs, since additional cooling towers had become unnecessary.

**ENVIRONMENTAL**• Research from around the world indicates that green roofs reduce stormwater run-off from roofs by at least 50%, and more usually by 60-70% - contributing to urban drainage and flood alleviation schemes. Moreover, the rate of release following heavy rainfall is slowed, reducing the problems associated with storm surges.

- Green roofs reduce the need for air conditioning and as a result reduce CO2 emissions.
- New developments lead to a loss of habitats - green roofs can contribute to biodiversity.
- Green roofs contribute to a greener urban environment and quality of life for communities in high density developments.

This study from Toronto, Canada clearly outlines the expected benefits the city can receive by installing green roofs. [Click here for link.](#)

**CONTACT US**

To speak with an experienced consultant about your Green Walls & Green Roofs needs.

