up to 4°C cooler

up to 26% lower costs for construction and maintenance during lifetime

doubles the lifetime compared to a conventional roof

adds 4 - 8% to the value of the property

75% energy savings on air conditioning *

enjoying nature

enjoy the view for 40 seconds to improve concentration

store 60 - 150mm rainfall, or 60 - 150 litres of water/m² **

45 - 70% of rainwater evaporates

savings of €5/m² on sewage treatment in 40 years

up to 50% less combined sewer overflow

up to 2kg fruit and vegetables per m²

extra points in BREEAM, GPR and LEED building certification

up to 2°C cooler in the surrounding area

6% more energy

bonus: greater biodiversity under the solar panels

noise attenuation of 3dB

bonus: increased amenity space

up to 30% fewer painkillers

one day less in hospital

200 gr particles suspended in the air absorbed per m² ***

10 dB less noise from outside

bonus: contribution to the regional ecological network

Contributes to the following Sustainable Development Goals

3 Good Health and Well-being
11 Sustainable cities and communities
13 Climate action
15 Life on Land
17 Partnerships for the goals

* for older, less well-insulated roofs (in the Netherlands before 1987)
** for existing buildings, a maximum of 100mm or 100 litres/m²
*** with a natural roof or grass roof