



Reasons and Remedies to the Dying Plant Walls

Abstract

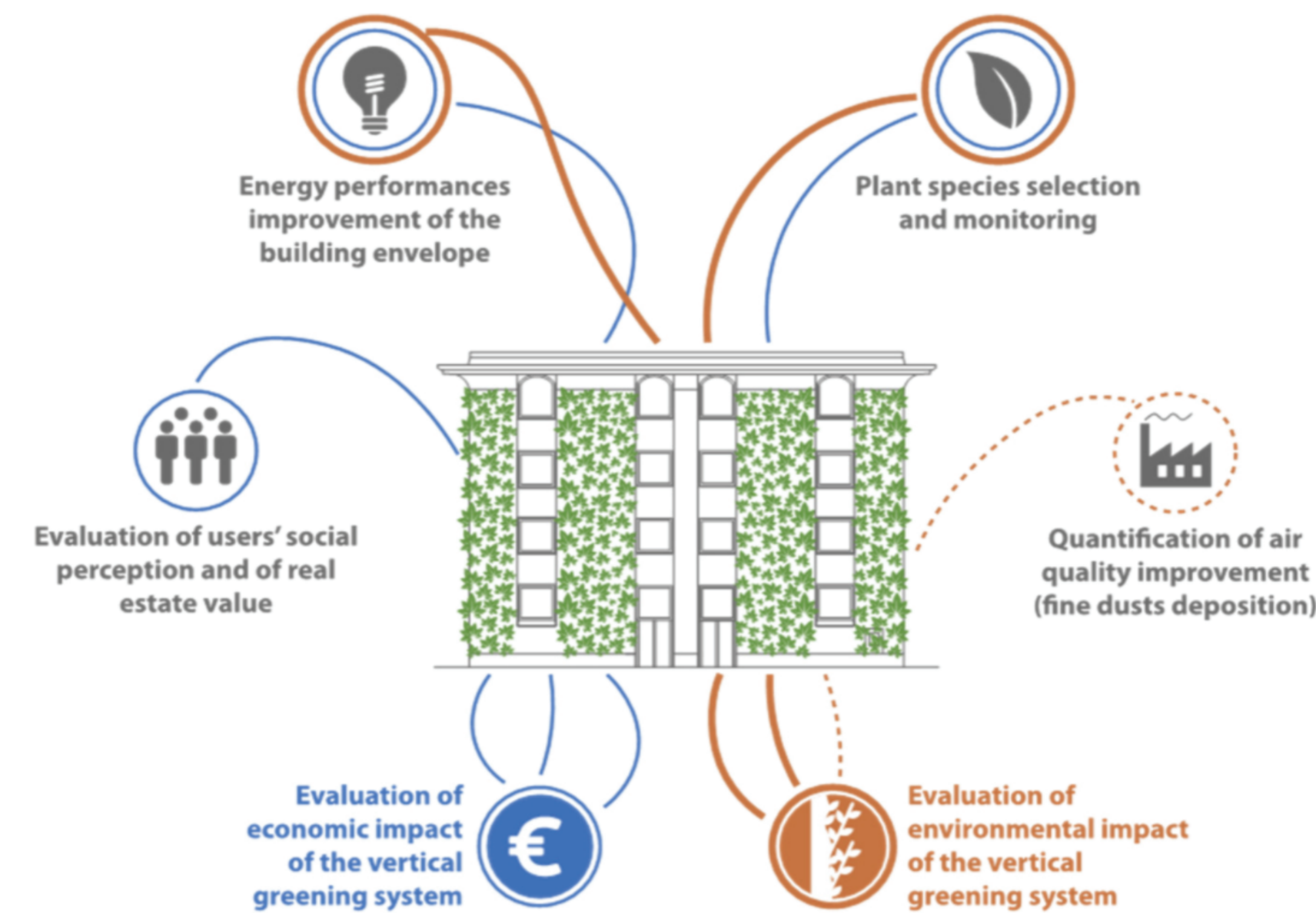
Sustainability in construction has been increasingly popular and detrimental with the state of the planet and climate change. One of the more popular solutions is the addition of plant façades to a building, which are plants that are put on the vertical of a building. These benefits are not reaching their full potential because these plant façades keep dying creating a bigger waste than if not installed at all. The main purpose of this paper is to look at what goes into keeping a plant façade alive and why they keep dying. With the addition of interviews from current landscape architects, we can conclude whether or not newly proposed ideologies such as integrating landscape architects earlier in the design process or biocurtains will help remedy this problem.



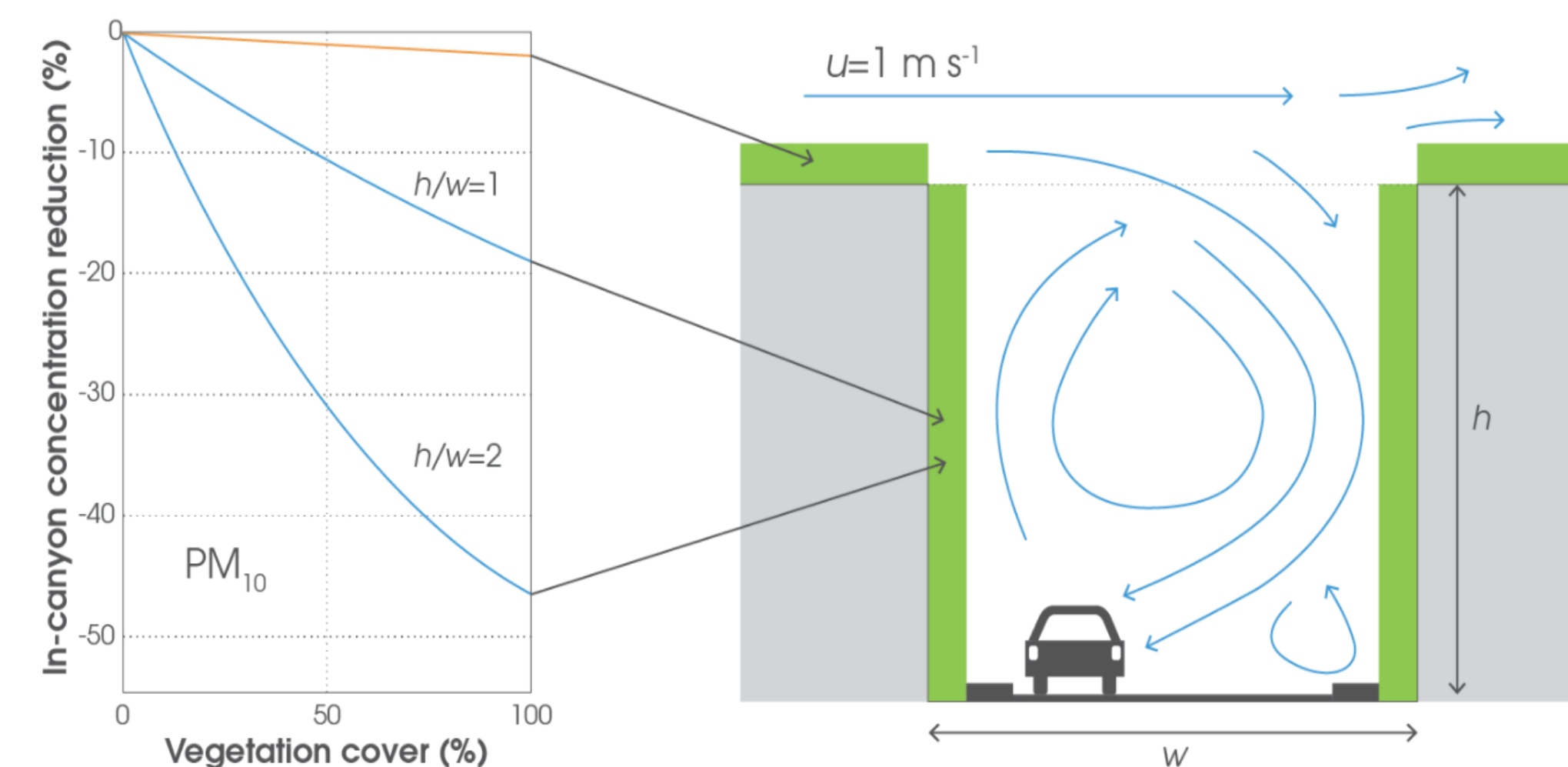
(Patrick Blanc, 2021)

Two and three-dimensional green wall system in the facade supported green wall (Neenu, 2021)

Key Words: Landscape architecture, Design, Sustainable, Integration, Green Façade



(Perini, 2021)



Effectiveness of Green Infrastructure for Improvement of Air Quality In Urban Street Canyons (Pugh, 2012)



Biocurtains compare with planting trees at carbon sequestration (EcoLogicStudios, 2018)