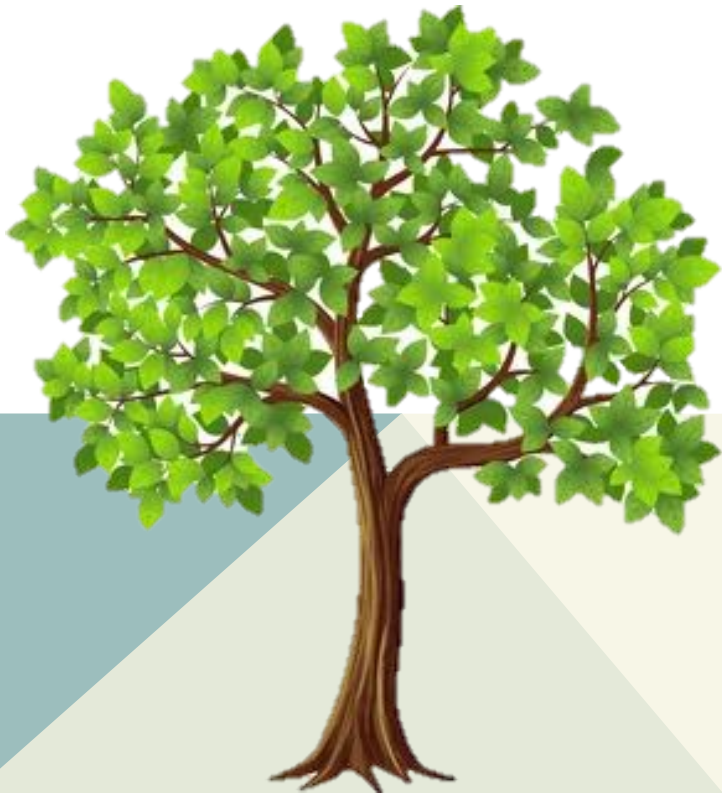


# Presentation on the topic «Green roofs»



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# GREEN ROOFS

A green roof is a roof of a building that is partially or completely covered with vegetation planted over a waterproofing membrane.





Green roofs supplement traditional vegetation without disrupting urban infrastructure - they take a neglected space and make it useful.



# TYPES OF GREEN ROOFS

## Intensive Green Roofs

are designed to support much larger items like bushes and small trees as well as a wider variety of plants. You may find that they are referred to as roof gardens. They are more common in larger commercial projects. They need much more attention and maintenance – much like a normal landscaped garden.



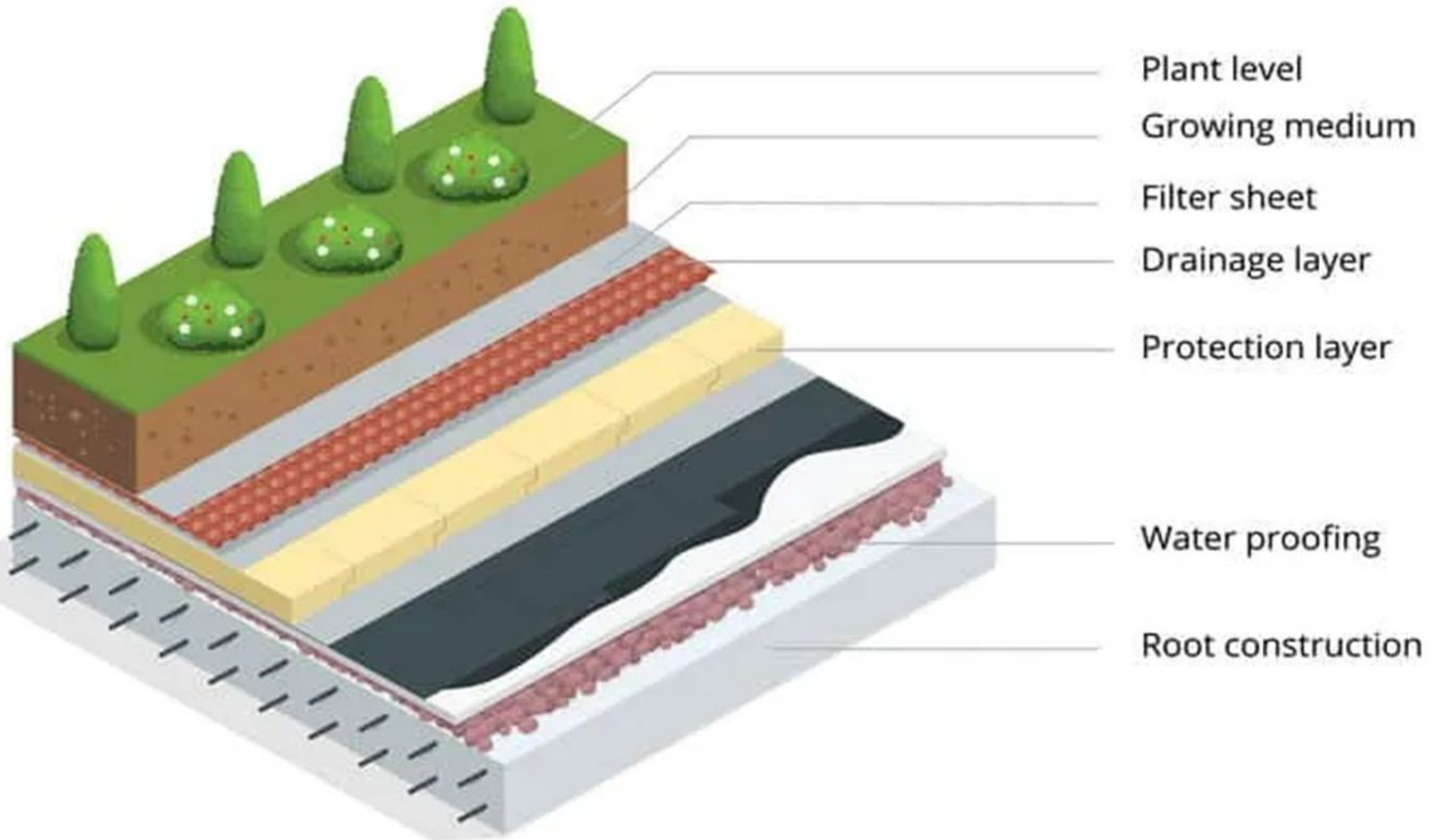
## Extensive Green Roofs

are more often used for single family and multi-family residential buildings. Plant diversity on these roofs is kept low to simplify care and to be sure all plants have similar moisture requirements. The simplest to install and are very often added to existing roofs.





**All green roofs are made up of the same components:**



# Green roofs serve several purposes for a building:

such as absorbing  
rainwater

providing  
insulation

creating a habitat  
for wildlife

combat the heat  
island effect

helping to lower  
urban air  
temperatures

# Residential building "Forest Spiral" in Darmstadt (Germany)







## Roof terraces of a house in Shenzhen (China)





# The roof garden of the university library. Warsaw



**Thanks for attention!**

