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# SAVE THE BEES

-

# PROTECT LOCAL ECOSYSTEM





# WHAT IS AN ECOSYSTEM ?



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An ecosystem is a complex system in which different organisms live. These organisms interact with each other and with the environment in which they live.



Components of an ecosystem:

**Abiotic:** Non-living elements such as water, air, soil, sunlight.

**Biotic:** living organisms such as plants, animals, bacteria, mushrooms.



Ecosystem is a meadow, forest, river





# ROLE OF BEES IN THE ECOSYSTEM



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 **Pollination:** bees and other pollinating insects play a key role in the pollination of plants, which is essential for fruit and seed production.

 **Biodiversity:** pollinators contribute to maintaining biodiversity by helping different plant species survive and reproduce.



# ROLE OF BEES IN THE ECOSYSTEM



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**Food production: about 75% of the world's crops depend on insect pollination, including many fruits, vegetables and nuts.**



**Natural ecosystems: bees support the health of forests, grasslands and other ecosystems by pollinating wild plants.**







# CURRENT THREATS TO BEES



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**Pesticides:** chemicals used in agriculture can be toxic to bees and other pollinating insects.

**Monocultures:** agriculture based on monocultures reduces plant diversity, reducing food availability for bees





# CURRENT THREATS TO BEES



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**Urbanisation:** replacing natural habitats with concrete and asphalt reduces the places where bees can live and forage.

**Climate change:** extreme weather conditions, such as droughts and floods, affect the availability of food and habitat for bees.







# HOW WE CAN HELP BEES?

**Building bee houses: Simple structures made of tins, bamboo or wood with holes can provide shelter for bees.**



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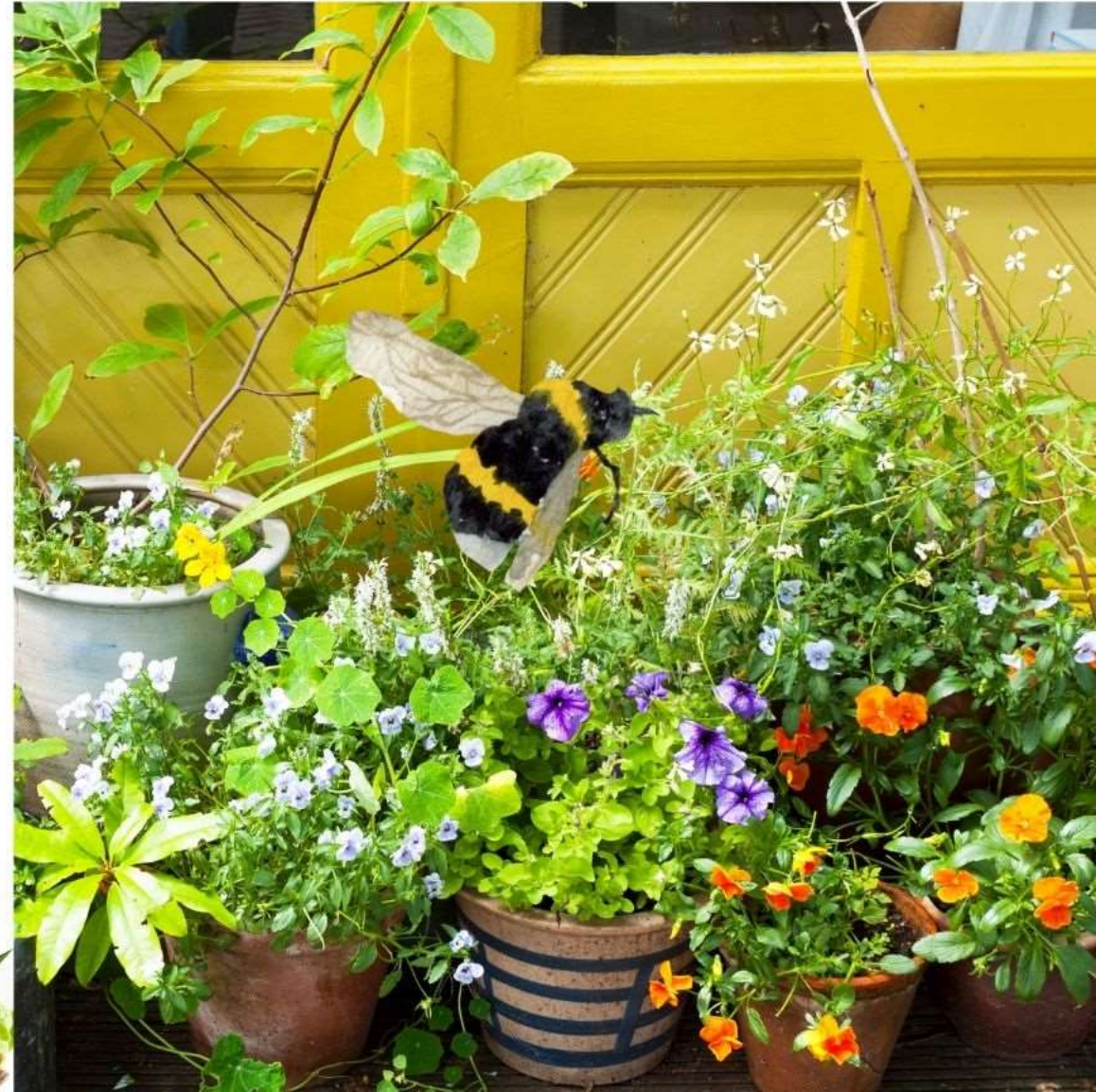
# HOW WE CAN HELP BEES?



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Planting flowers: Growing melliferous plants such as lavender, geraniums and coneflowers provides bees with a food source.







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# HOW WE CAN HELP BEES?

Cut grass less frequently:  
Leaving taller grass and  
wildflowers creates natural  
habitats for insects.







# HOW WE CAN HELP BEES?



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**Creating ponds:**  
Small bodies of water provide bees with the necessary water for drinking.





# OUR LIFE IN HARMONY WITH NATURE



**Reduce chemical use - avoid pesticides and choose natural methods of crop protection.**



**Support local farmers - buy products from local farmers who use sustainable farming practices.**

**Plant gardens - let's plant gardens on roofs, balconies and in urban green spaces to support biodiversity.**

**Educate and share - spread the word about bee conservation and local ecosystems to family, friends and the community.**







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**Protecting bees protects our future!**

**Every small action makes a  
difference.**

**Let's take action today  
and inspire others!**







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DZIEŁA KOLPINGA  
w Polsce

