

Cities as refuges for pollinators: The key of green connectivity and flowers

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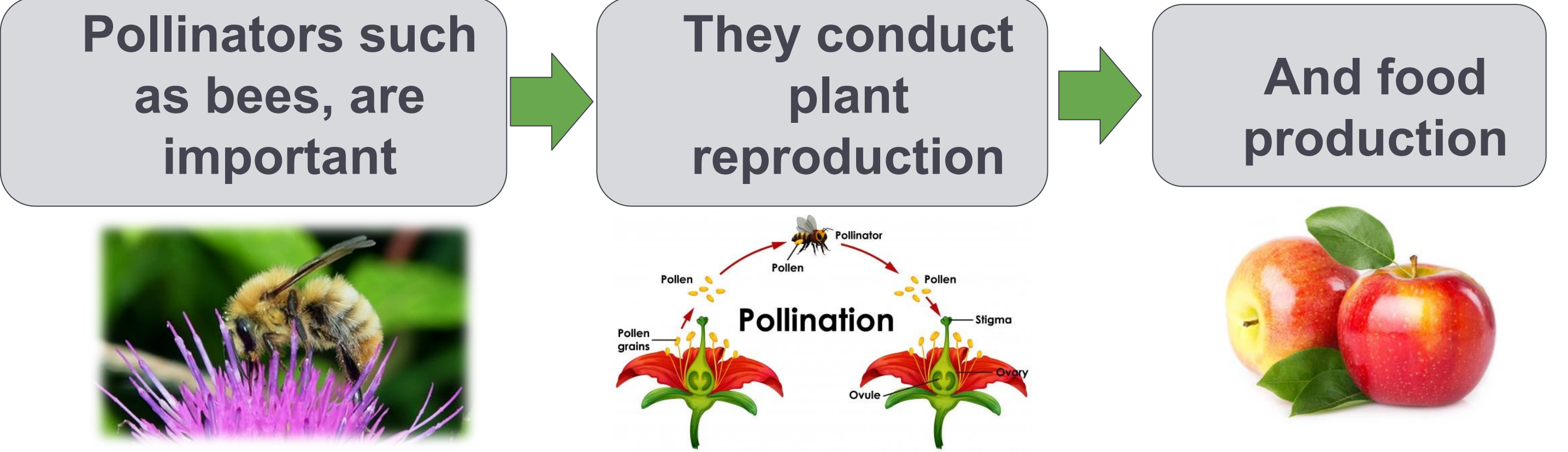
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Vision for future society

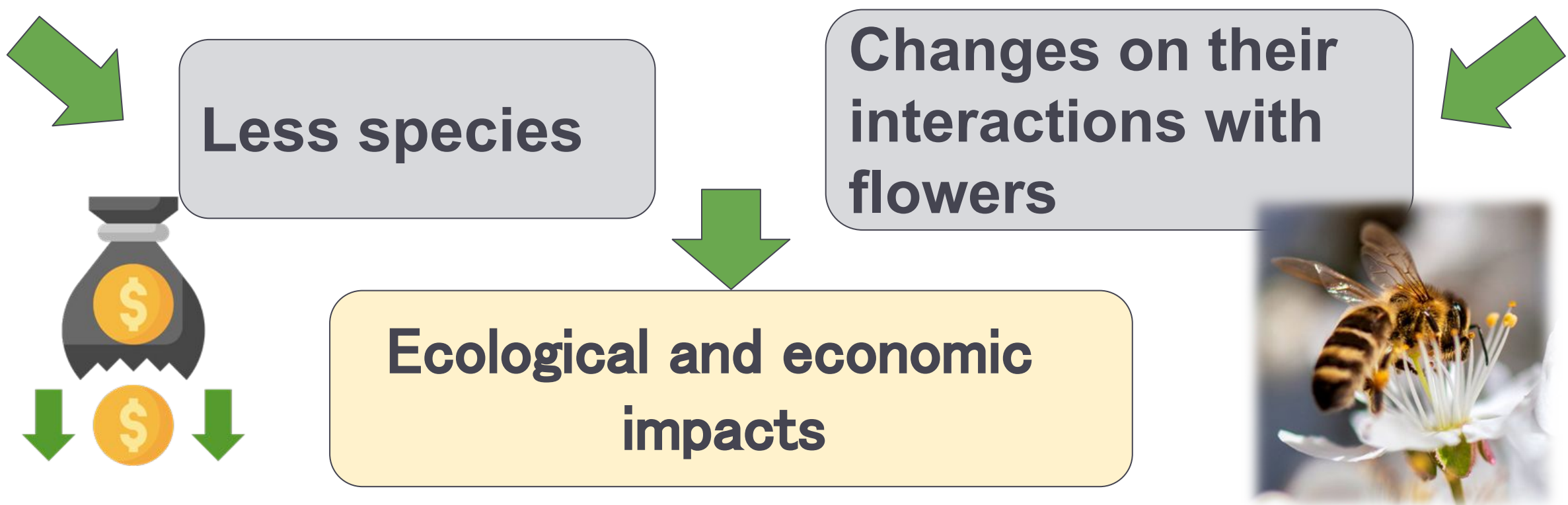
- 1) Decrease environmental and economic negative impacts.
- 2) Improve pollinator survival in cities by promoting adequate planning for green cities.
- 3) Better understanding of pollinator interaction with flowers in cities.

Introduction to pollinators



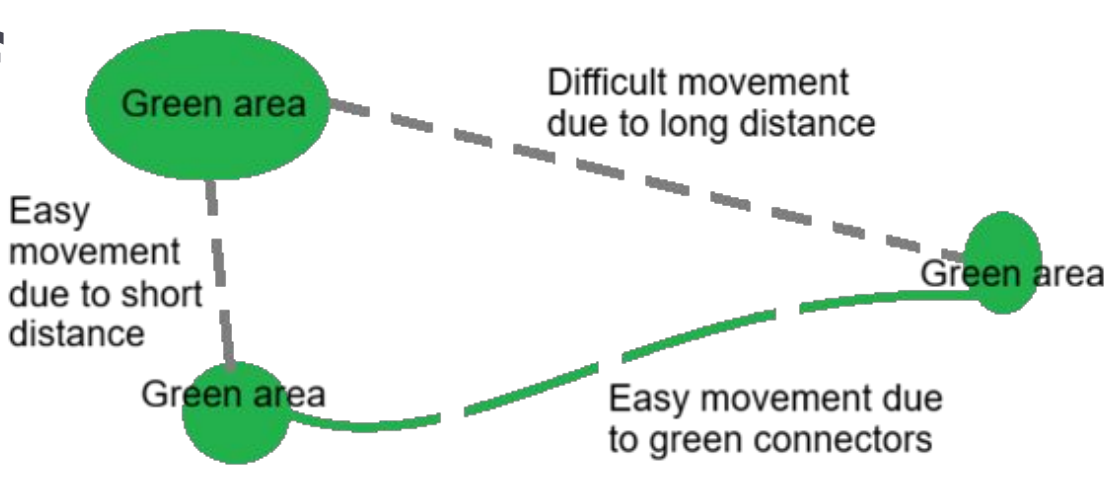
Pollinators are endangered in cities

It is difficult for pollinators to survive in cities because of green areas' lack of connection and flowers.



Enhancing pollinator survival in cities

Green connectivity in cities is the degree of which this landscape facilitates or impedes animals' movement among green areas.



Research on pollinators in urban green areas in two contrasting cities: Sapporo (high proportion of green space) and La Paz (low proportion of green space)

Pollinator collection using a hand net, followed by species identification



How connected are the green areas?

What species of pollinators are found?

What species of flowers does each species of pollinator visit?

Propose alternatives to enhance green areas connectivity and the quality of flowers



Help pollinators move and find enough food and resources to survive in cities



Problem solving by future results

By answering these questions, this research proposes to help the government and citizens improve the green quality and connectivity for pollinators find refuges in cities.