



# The International Perspective



FAO

***Food and Agriculture Organization of the United Nations***

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- 1. The importance of bees for crop production**
- 2. Overview of international/policy-level context**
- 3. FAO and pollination**



## **The importance of bees as providers of pollination services, for crop production**

- ☀ Pollinators, including bees, affect 35% of world crop production**
- ☀ Decline in crop production up to 90% (*Klein et al. 2007*)**
- ☀ € 153 billion/year, globally**
- ☀ Quantity and quality**



## International context

- ☀ **CBD COP Decision III/11 (1995): established the Programme of Work on Agricultural Biodiversity**
- ☀ **CBD COP Decision V/5 (2000): established the International Pollinators Initiative (under the Programme of Work on Agricultural Biodiversity)**
- ☀ **CBD COP Decision VI/5 (2002): adopted the Plan of Action for the IPI**



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## **International Context: International Pollinators Initiative (IPI)**

### **Objectives of the IPI:**

- ☀ Monitor declines**
- ☀ Address lack of taxonomic information**
- ☀ Assess economic value and impact of decline of pollination services**
- ☀ Promote conservation, restoration and sustainable use of pollinator diversity in agriculture and related ecosystems.**



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# **International Context: International Pollinators Initiative**

Elements of the Plan of Action

**Element 1: Assessment**

**Element 2: Adaptive Management**

**Element 3: Capacity Building**

**Element 4: Mainstreaming**



## **FAO and pollination**

- ☀️ FAO lead agency for supporting the development of the CBD Programme of Work on Agricultural Biodiversity**
- ☀️ IPI is under the CBD Programme of Work on Agricultural Biodiversity**
- ☀️ FAO requested (in 2000) by the Executive Secretary of the CBD to facilitate and coordinate the implementation of the IPI**





## **FAO's Global Action on Pollination Services for Sustainable Agriculture**

- ☀ Knowledge management of pollination services (Pollination Management Information System (PIMS))**
- ☀ Best practice profiles for management of pollination services from around the world**
- ☀ Overcoming the taxonomic impediment to pollinator conservation and use**
- ☀ Addressing pollinator diversity and abundance on farms**
- ☀ Addressing climate change and pollination services**
- ☀ Awareness-raising**





## **FAO and pollination: next immediate step**

- ☀ Prepare progress report by end 2011**
  - ☀ Submit to the CBD**
  - ☀ FAO's Global Action contribution to IPI**
  - ☀ Contribution to other international processes**



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**[www.internationalpollinatorsinitiative.org](http://www.internationalpollinatorsinitiative.org)**