

# Threats to biodiversity



#### Increasing Fragmentation of landscape

 Brown hare in Switzerland (killed by vehicles, cannot escape bad weather)



#### Conflict of Interest between different stakeholders

- Brown bears in the Spanish Pyrenees (sheep farmers) Iberian Lynx (habitat loss)
- Butterflies, beetles, dragonflies (agricultural practices, habitat loss, wetlands)



#### Introduction of Exotic/ Alien Species

• European mink, White-headed duck, Brown tree snake in Guam Islands (destroyed the endemic birds and now rodents, lizards etc)

# Threats to biodiversity



Illegal and Over Fishing, Bycatch, Dumping of Toxic Wastes

- Albatross (Aggressive fishing techniques), Benthic species
- Salmon, (habitat destruction), The Giant devilray (bycatch)



#### Forest Fires

• Spain, Finland (climate change)



#### Loss Wetlands

• Drainage for agriculture, conversation to farmland, pollution

UNEP LIFEWeb Projects provide funding to various countries.



**European Commission**Building Partnerships among stakeholders

Institute for Environment and Sustainability





Single Farm
Payment Scheme
Subsidies to Env.
Friendly practices in agriculture

Green infrastructure integrated spatial planning

Businesses and
Biodiversity

2012 European
Business Awards
for the
Environment

## Small steps ..... to..... BIG ones.

- Specific structure and plans to monitor conservation practices at municipality level and below.
- Hiring of people to monitor and educate the public.
   (Creates employment)
- Reach out through organisations and educational institutions to spread awareness

## Small steps ..... to..... BIG ones.

### **European Capitals of Biodiversity**

- Competition among **municipalities** for biological diversity and traditional culture, environment preservation and promotion.
- France, Germany, Hungary, Slovakia, Spain

### **Blue Flag Programme**

• IUCN (International Union for conservation of Nature) and FEE (Foundation for Environment Education) together are working towards protecting and monitoring Marine Protected Areas ('Blue Flag' areas – **Beaches, Marinas**)