

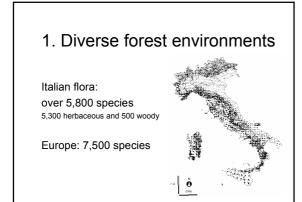
# STRUCTURAL CHANGES IN THE ITALIAN FORESTRY SECTOR

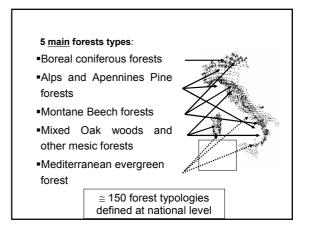
Brasov, 7 October 2005

Davide Pettenella Dipart.Territorio e Sistemi Agro-forestali University of Padua davide.pettenella@unipd.it

### Paper organisation

- 10 main points to describe Italian forestry sector
- Structural changes:
  - Driving forces:
  - Internal
  - External
- · Hot topics





## 2. Forests = mountain

95% of the forests in hilly and mountain regions:

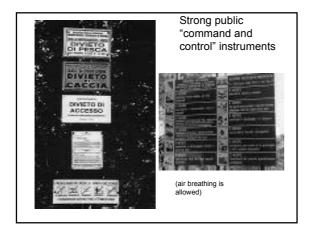
= less developed areas (income= tourism and some quality farm product)

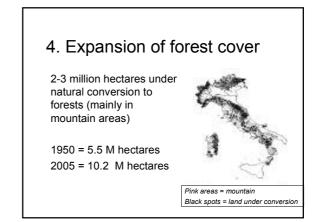
→ multi-funcional forests (soil protection, water cycle regulation, fuelwood and timber production, recreation, ...)

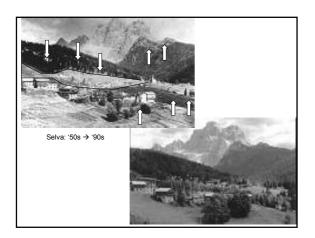
## 3. Local & small owners

forestland ownership:

- 60% private (former farmers): 3 ha/firm
- 40% public
  - Local municipalities
  - Local communities
- $\rightarrow\,$  Local interests are prevailing on general ones







## 5. Decreasing active management

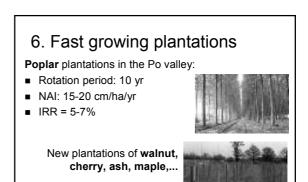
## Positive impacts: increased stock

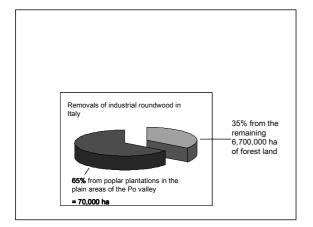
- 653 protected areas (21 National Parks)
- biodiversity (? not always)

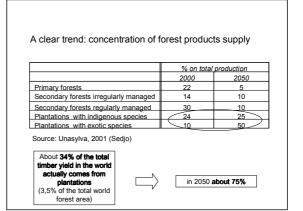
#### Negative impacts (mainly in Mediterranean areas):

- fires
- un-controlled grazing
- loss of cultural heritage
- homogeneous landscape (→ problems for tourism)
- loss of employment opportunities

Wood production = 8 M cubic metres (60% fuelwood) NAI = 25-35 M cubic metres Removals/MAI = the lowest in Europe (after Slovenia – source: FAO )









#### 8. A strong, dynamic, flexible wood-working industry Basic structural data (M Euro) 3-4% of the national industrial (37,000) output (15,000) 1st world exporter of furniture (1,000

the 2nd European importer of wood products 90,000 A very large forestry sector (even larger considering the "forest cluster")

## 9. Large inports (6th world importer)→ enhanced substitution technology

- Medium Density Fibreboards
- Multi-laminar wood and veneer sheets
- Recycled paper for high AV products
- Engeneered products, Bi-laminated beams, KVH, "T beams", etc.
- Particle-boards entirely made-up with recycled wood ("Ecological panel")

## 10. Decentralisation

- A federal administrative structure in the forest sector
- ... but still the State maintains a forest service (Corpo Forestale dello Stato)
- $\rightarrow$  Many different institutional arrangements in forest policy implementation at regional level



Which are the driving forces?

- External and
- Internal factors to the forestry sector

# A. The *driving forces:* external factors to the forestry sector

The CAP reform (early '90s) = conversion of farm land into plantations

> Reg. 2080/92: 105,000 ha of afforestation concentrated in plain area



