

**Country Reports
in the frame of
COST Action FP0703 ECHOES:
Expected Climate cHange and Options for
European Silviculture**

Hungary

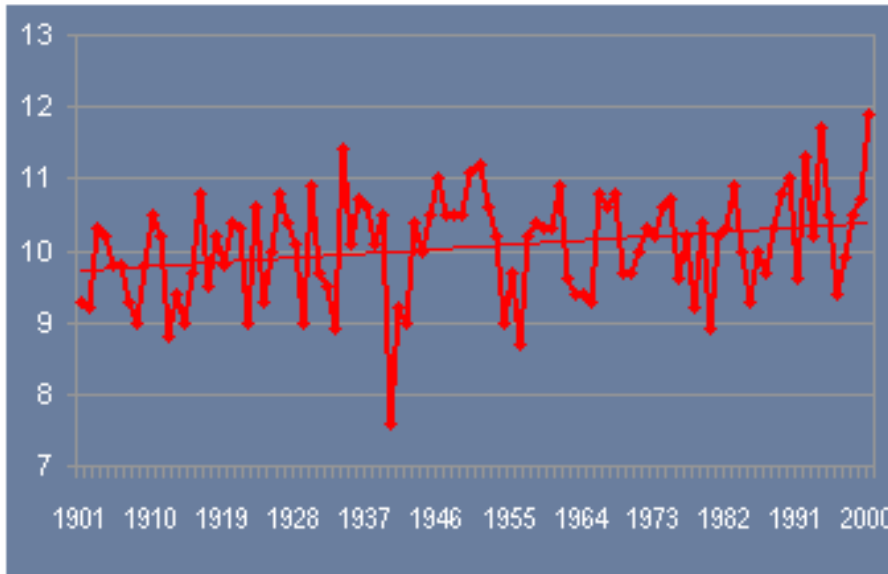
Impacts

global warming – general trends

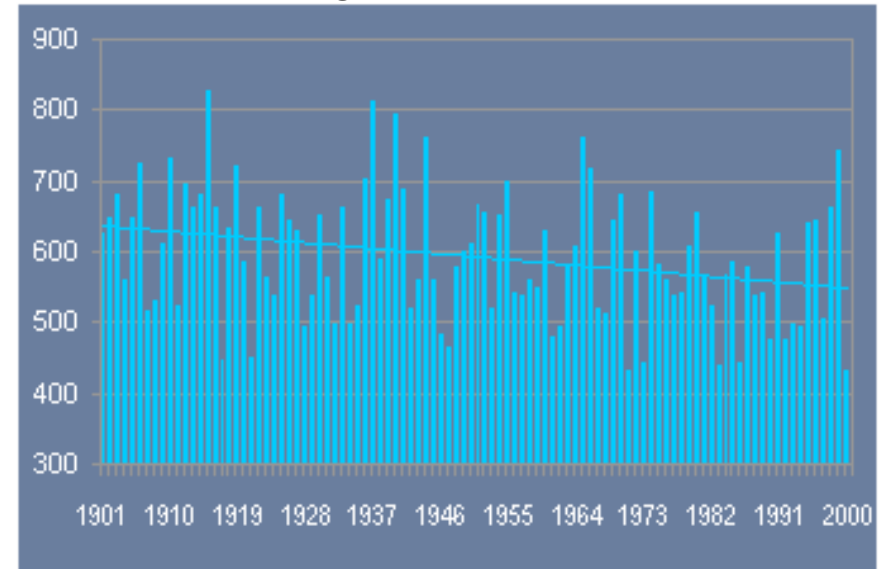


Carpathian basin

average temperature



average precipitation



impact monitoring – **forest authority (Ministry of Agriculture and Rural Development)**

forest measurement

health monitoring

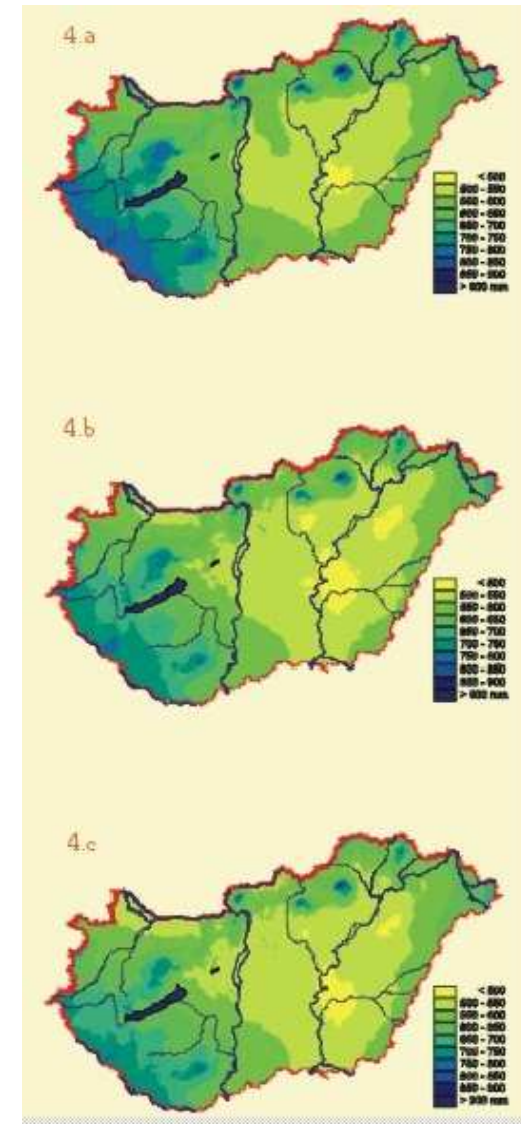
- **Ministry of Environment and Water Management**

National Strategy for Climatic Change

- **Hungarian Meteorological Service**

Impacts

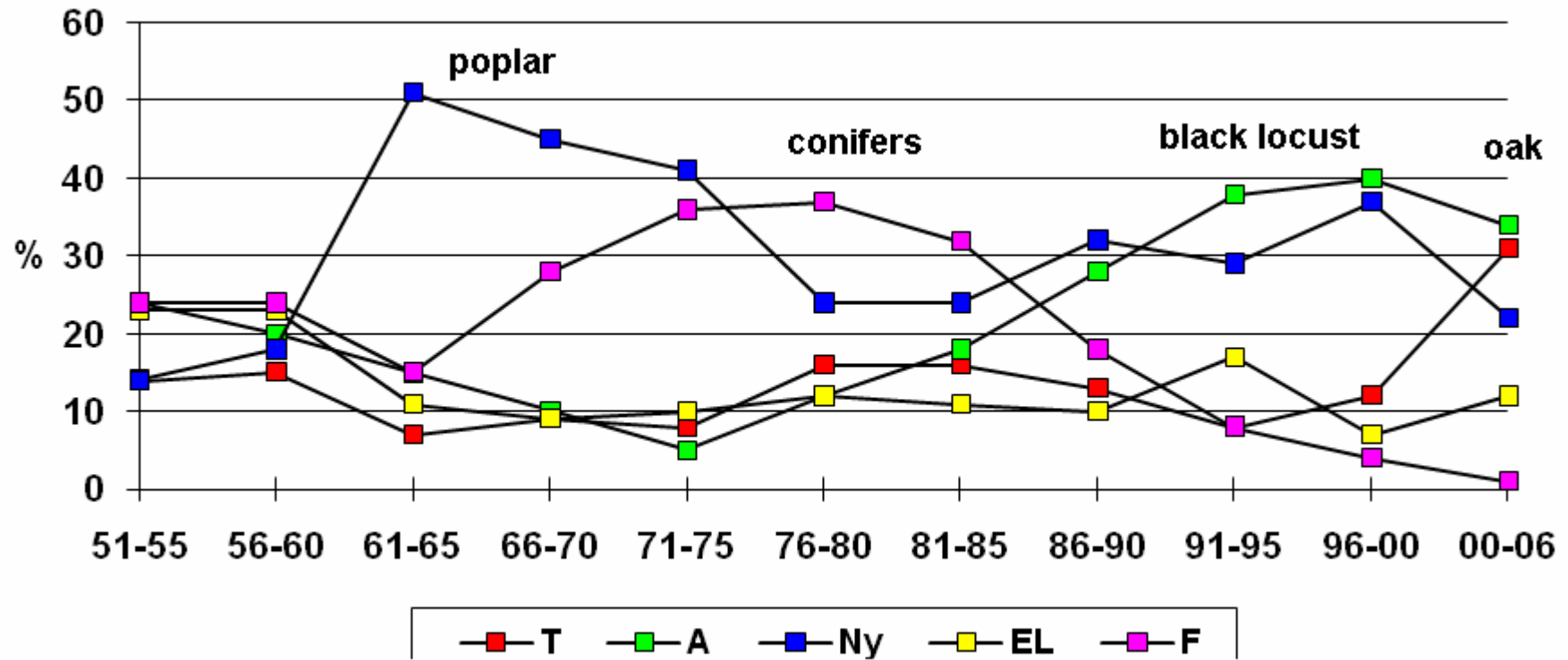
Great Hungarian Plain: transition between continuous forest cover and steppe



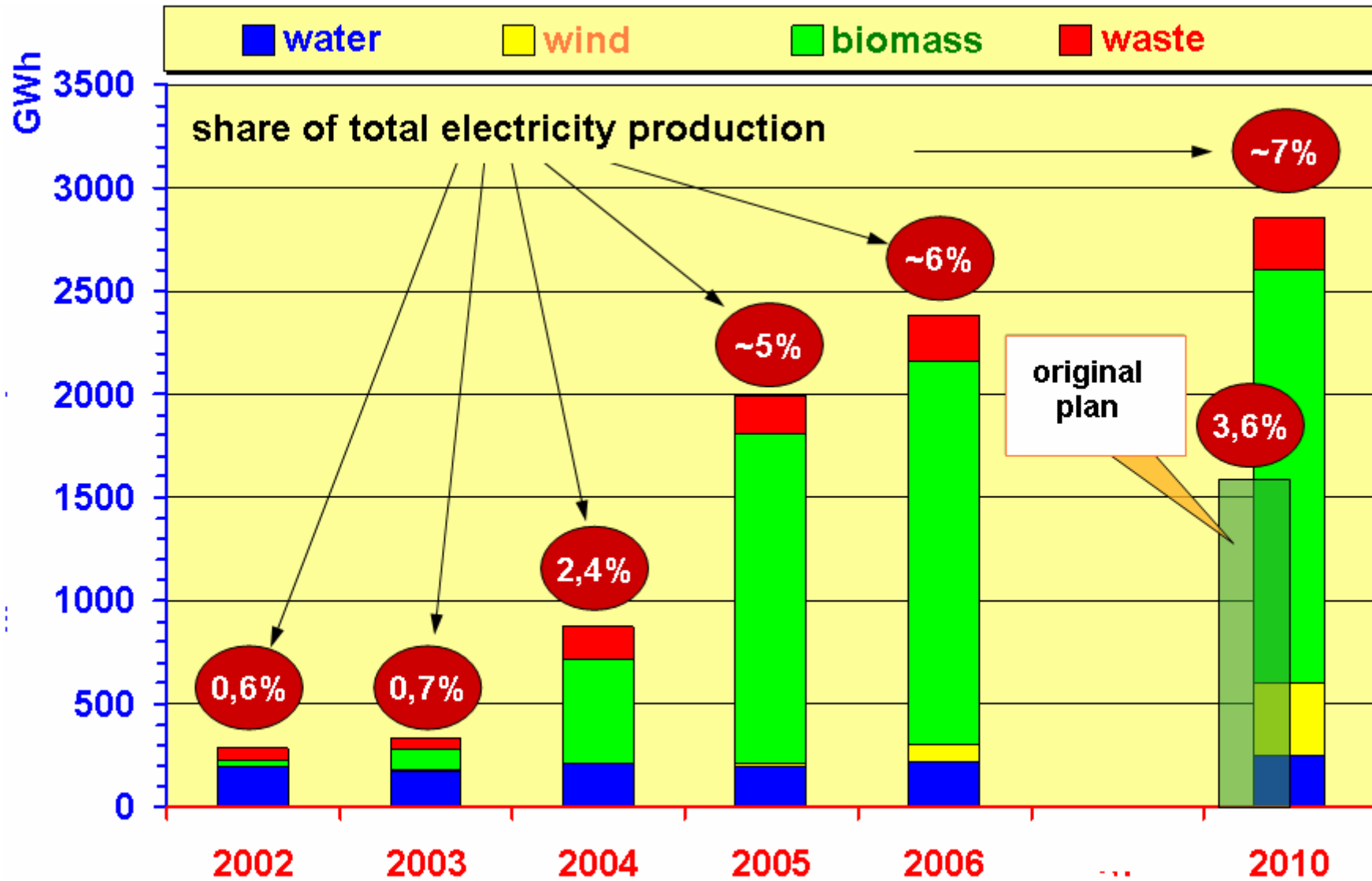
Adaptation

stand level

country level: distribution of tree species in afforestation



Mitigation



allowable cut: 13 million m³

yearly harvest: 9 million m³

fuelwood: 4 million m³

powerplants 1 million m³



EVOLTREE Workshop

Within the framework of SEA Training and Education programs of the European Network of Excellence project „EVOLTREE”, a training workshop is planned for researchers with the title:

Forests at the limit – selective environment at the receding (xeric) edge of distribution and consequences

Organised by:

Csaba Mátyás (University of West Hungary, Sopron)

Bruno Fady (INRA, Avignon, France)

Giovanni G. Vendramin (CNR, Florence, Italy)

Planned date: **May 11-14, 2009**

Venue: **Sopron, Hungary**, University of West Hungary

1. Genetic consequences of extreme events: selection and diversity changes, genetic basis of tolerance and plasticity,
2. Genetic options and evolutionary limits of response to fast changes,
3. Tasks for human intervention (forestry) and research in mitigation, at the receding edge of ranges.