

Towards an improved future



Necessities and opportunities of the European organisation for the poplar production and transformation

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Situation y evolution

	Wood Production	Transformation
Necessities	Clonal diversification related to global changes	Knowledge of required wood properties for transformation process and final product quality
Opportunities	European level of clone selection	Global study of wood quality considering clone diversification and growing conditions Standard tests on raw wood (standing trees & veneer) and transformed products (plywood)

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Situation and evolution

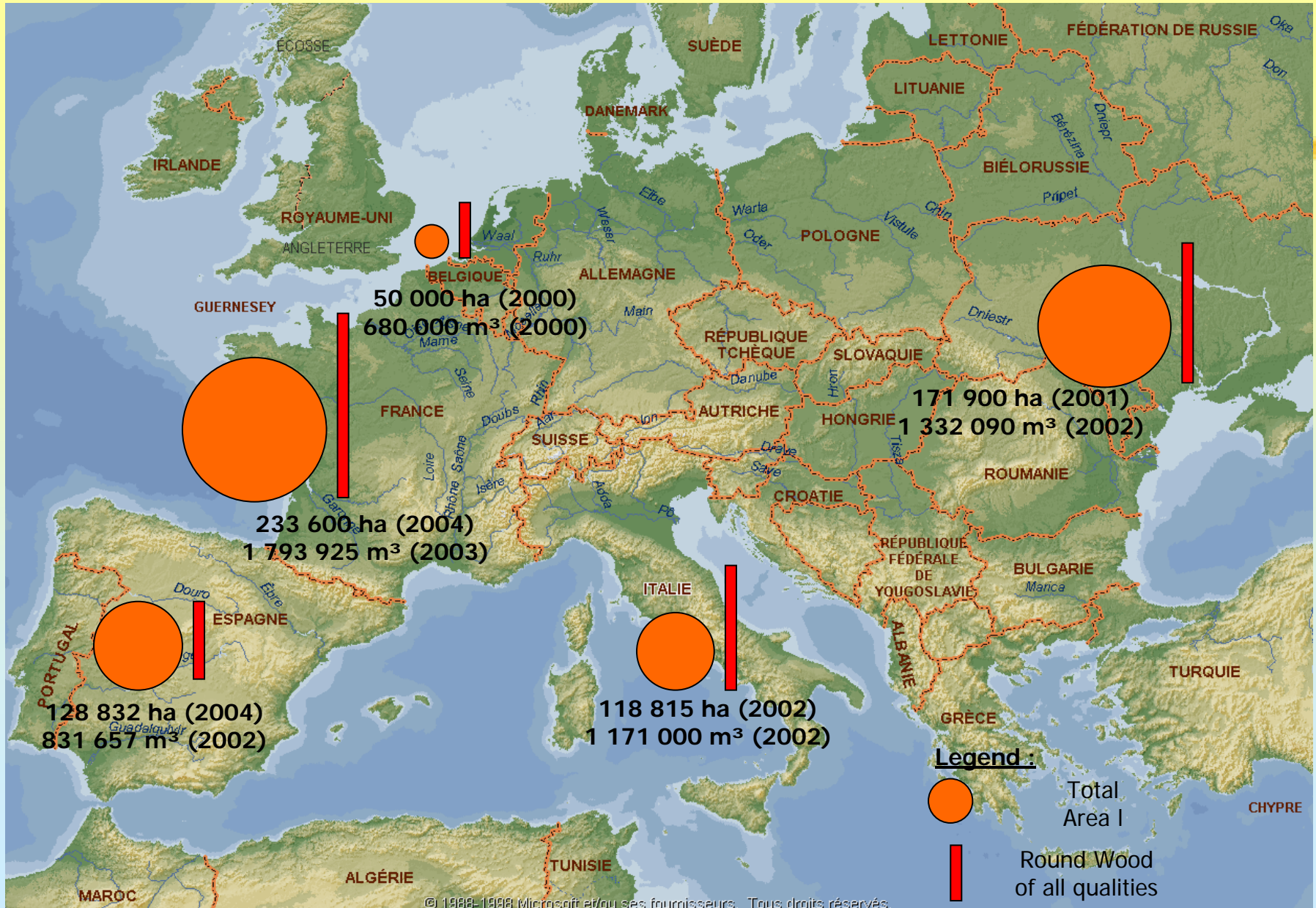
Clonal diversification :

- Pests and diseases risks
- Dependency on water resources
- Soil salinity and contamination
- Discontinuity of improvement programmes

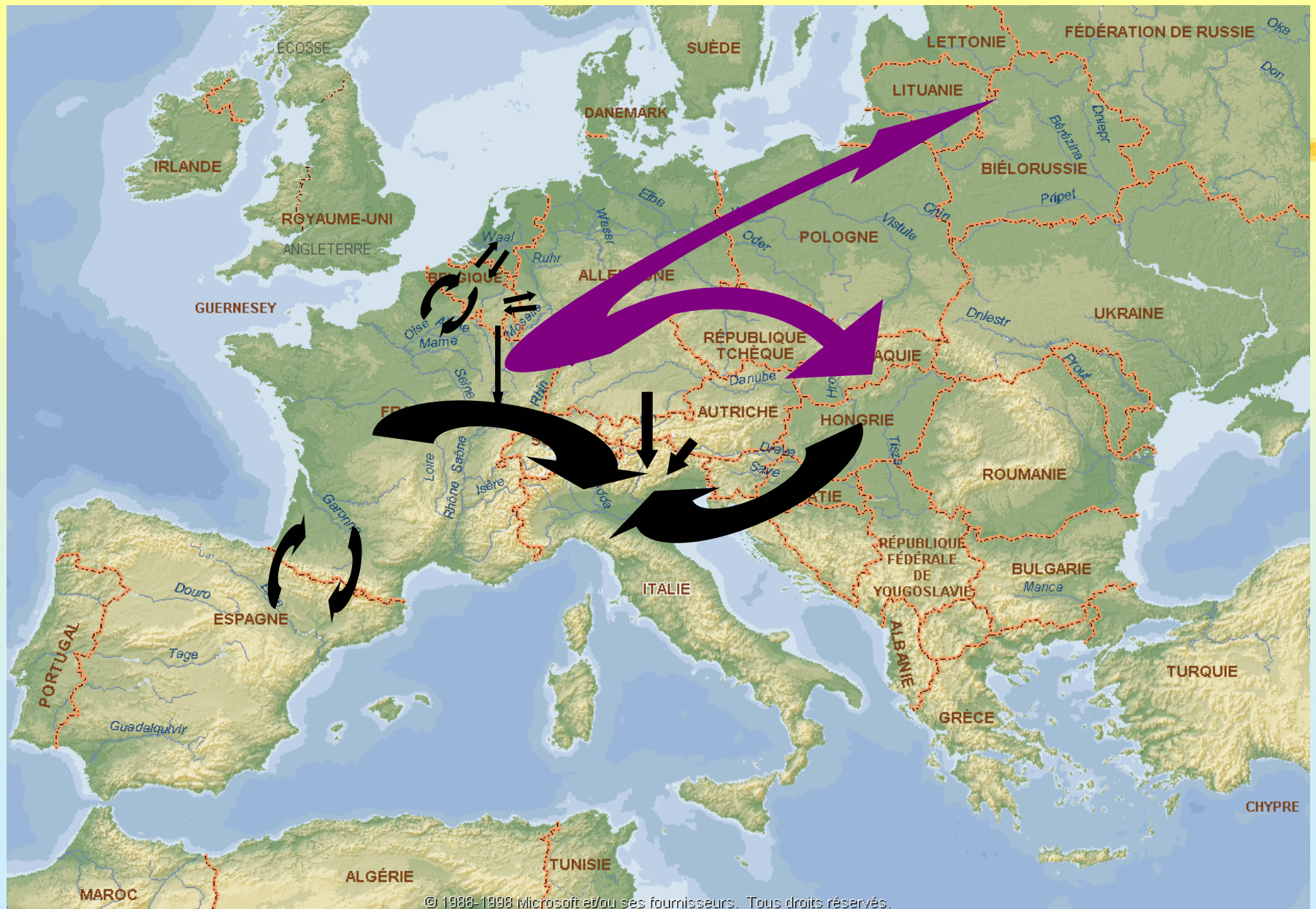
Market :

- Particularity of European products
- Interdependency of national markets in global process
- Opening to the Asian markets
- Price depend on international economy and market

Estimaciones por mejorar



Flujo de intercambios principales



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Situation and evolution → Necessities

- Production :**
- Clonal diversification relevant to global changes
 - Description of main poplar growing areas to boost clone use
 - Improve and promote high quality production field systems
 - European integration of improvement programmes

Clonal wood properties to investigate

- Transformation :**
- Propose *standart* processes to define raw veneer properties for industrial uses
 - Propose improved transformation processes of raw veneer

Evaluation of "added" properties of final products due to transformation process

- Evaluation of properties improvement due to wood and veneer seasoning, sorting, layers assembling, gluing and coating

Standardisation and data gathering of market statistics

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Situation y evolution

→ Necessities

→ Opportunities

Production : European selection of clones

- Organise an European web of institutions to install and monitor trials with common clones
- Compare the environmental risks for each (4) European main poplar zone

Transformation : Standard tests of raw wood and transformed products properties

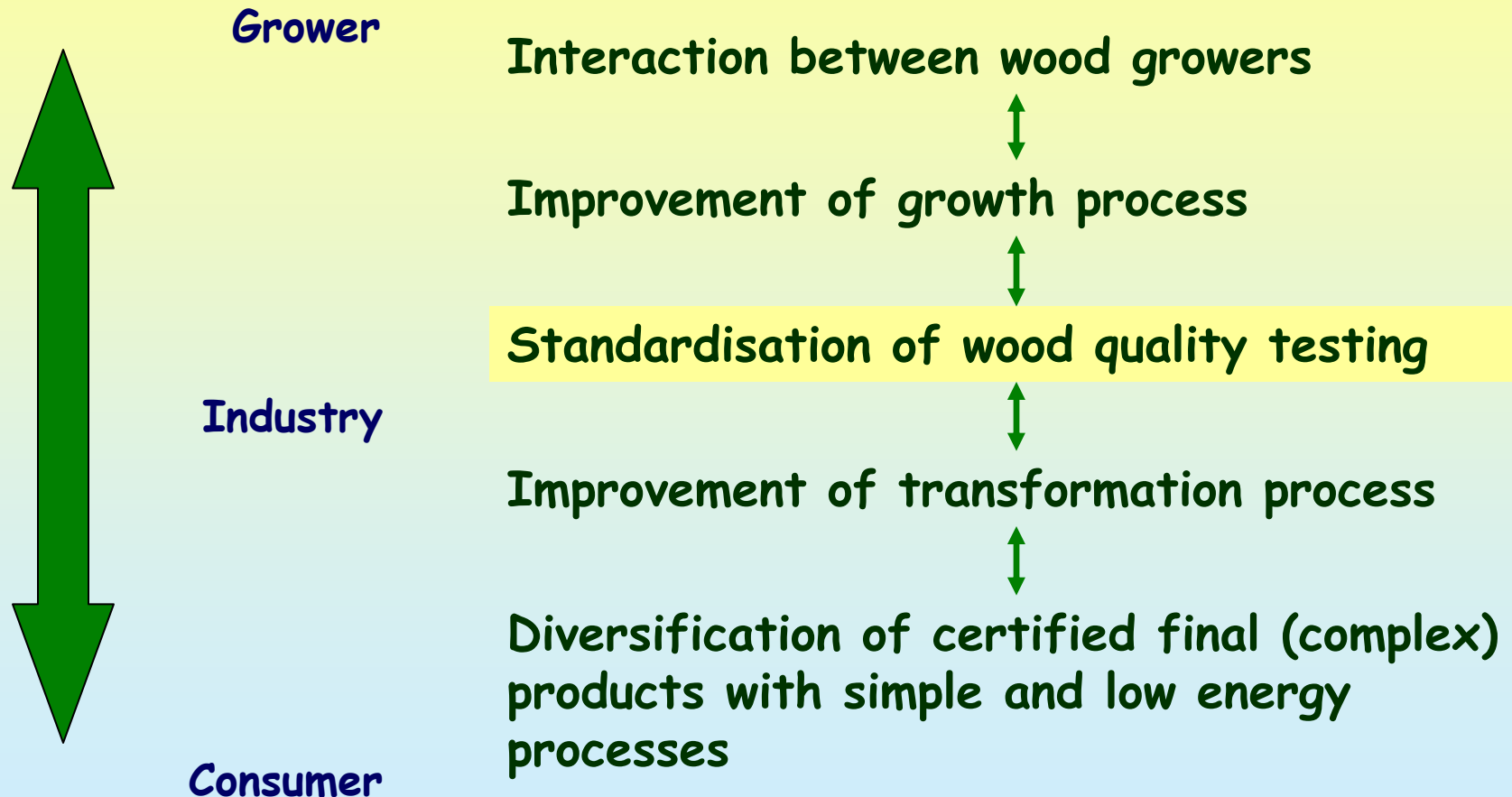
- International recognition of multiple use of poplar wood
- Increment of poplar wood use due to fast growing species responding to increased wood demand

Higher level of local and international marked trust for poplar wood

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Contribution of all the woodchain actors



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**Thank you for
your attention**

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