



Interchanvre

- The hemp french industry
- EIHA congress 2009

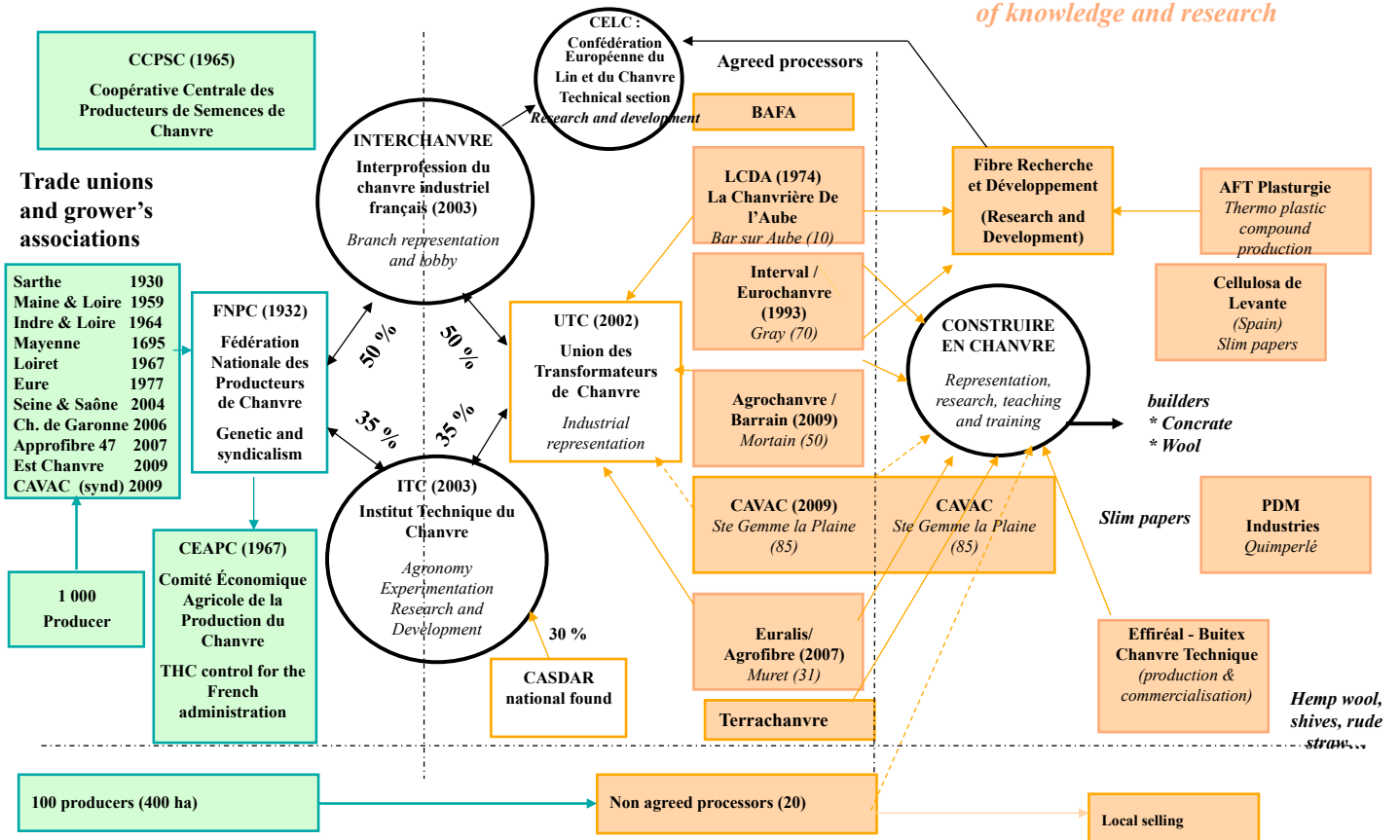
Sylvestre Bertucelli, secretary of Interchanvre

French Hemp Branch – 2009 : 12500 Ha

Producing branch

Industrial branch

2nd processing branch, transfer of knowledge and research



The french hemp industry : cultivation, processing and application

Main actors in agriculture, industry and organisation framework

How does the french industrial hemp branch works ? Who's who

1 - Agricultural Level

⇒ At the beginning was the **FNPC** (Fédération Nationale des Producteurs de Chanvre French Hemp Growers Association) (Le Mans)

Born in 1932 based on genetic research and hemp seeds production : 77 years on the only one subject or Industrial Hemp.

FNPC represent, the 1 000 hemp producers united in 11 regional trade union - 90 % of french hemp area (12 500 Ha in 2009).

Turnover : 1M€

⇒ **CCPSC** (Coopérative Centrale des Producteurs de Semences de Chanvre - Hempseeds production coopérative - Beaufort en Vallée)

Born in 1964, based on hempseed production and trading.

CCPSC represents 100 seeds producers (750 Ha in 2009).

Turnover : 2 M€

2 - Branch framework

⇒ **CEAPC** : (1967) Comité Economique Agricole de la Production du Chanvre (Hemp production comity)

100 % involved in THC measuring for the french administration.

Turnover : 100 K€.

⇒ **Interchanvre** (2003). French Branch Union, composed of FNPC and UTC (cf later on)

National and European lobby.

Turnover : 200 K€.

FNPC + CCPSC + CEAPC + Interchanvre = 14 employees based in Le Mans, usually called "the FNPC team".

⇒ UTC (2003) Union des transformateurs de chanvre (Hemp transformers Union). (Troyes)

Composed of :

- ✓ LCDA : La Chanvrière De l'Aube
- ✓ Interval - Eurochanvre
- ✓ Agrofibre
- ✓ CAVAC
- ✓ Agrochanvre (2010 ?)
- ✓ PDM Industries

UTC represents the transformers interests into Interchanvre and ITC.

Turnover : 200 K€

⇒ ITC : Institut Technique du Chanvre (2003) : Hemp Technical Institute : composed of FNPC and UTC.

100 % involved in hemp agronomy and hemp mechanism based in Troyes, it's a team of 5 employers.

- ✓ Varieties capacity testing
- ✓ Transfer of information to producers
- ✓ Research to improve hemp mechanism

Turnover : 300 K€

3 - The industrial Processors agreed in France

⇒ La Chanvrière De l'Aube (1974). (Bar sur Aube) specific hemp cooperative (100 %) capacity 5 500 Ha.

2009 : 5 500 Ha for :

- ✓ Fiber : slim paper industry and technical fibre (2009).
- ✓ Shives : horse bedding, hemp concrete and little animals.
- ✓ Grains: bird feeding, fishing marker.

⇒ Agrofibre (2007). Toulouse. Capacity 5 000 Ha. Unit of the Euralis Cooperative Group

2009 : 3 000 Ha for :

- ✓ Fibre : very cleaned fibre for insulation wool + slim paper market.
- ✓ Shives : hemp concrete - horse bedding.

⇒ CAVAC (2009). La Roche sur Yon. Capacity 1 500 Ha. Unit of the CAVAC Cooperative Group

2009 : 1 000 Ha for :

- ✓ Fibre : insulation wool product in a "two-in-one" unit : a decorticating unit and a wool fabrication unit at the same place.
- ✓ Aim : produce wool mixing ½ hemp fibre ½ linseed fibre.

⇒ Agrochanvre - Barrain (2009). Mortain. Capacity 1 000 Ha. Private group of M. Christophe Barrain, specialist in plastic moulding equipment.

2009 : 800 Ha for :

- ✓ Fibre : plastic pieces for building : decking elements for outdoor (swimming pool, terrace)
- ✓ Shives : hemp concrete.

⇒ Interval - Eurochanvre (2009). Gray. Capacity 2 000 Ha.

2009 : 400 Ha for :

- ✓ Fiber : very cleaned fibre for insulating wool and plastic peaces + slim paper industry.
- ✓ Shives : hemp concrete.

⇒ BAFA – (Malsh - Germany).

2009 : 300 Ha in France.

- ✓ Fibre : Automotive Industry.

⇒ Terrachanvre (Tremargat - Bretagne).

2009 : 150 Ha. (organic production)

- ✓ Fibre : for insulation and hemp concrete.
- ✓ Shives : for hemp concrete.
- ✓ grains : for human feeding.

⇒ Starthemp (La Capelle Marival)

2009 : 50 Ha

- ✓ Research and development on down-sizing of hemp industry
- ✓ fibre and shives for building
- ✓ grains for human feeding (organic production)

⇒ PDM Industries (Le Mans) – capacity of 4000 Ha

2009 : 0 Ha, stopping of activity July 2009.

Fibre for slim paper industry,

Shives for poultry farming

⇒ 30 other industrial (farming unit from 5 to 50 Ha representing ≈ 500 Ha

Non agreed units

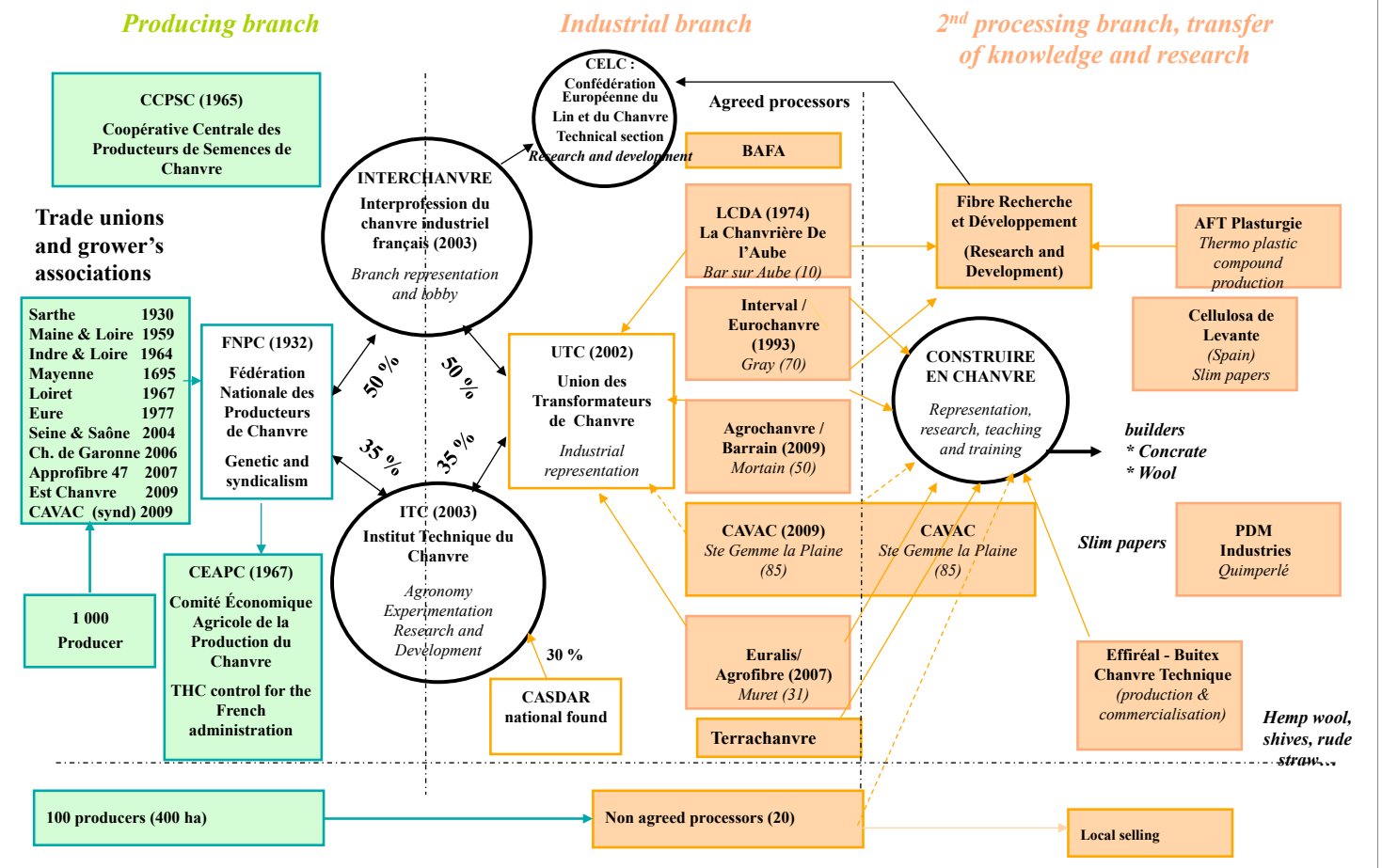
⇒ CCPSC 750 Ha.

TOTAL : 12 400 Ha

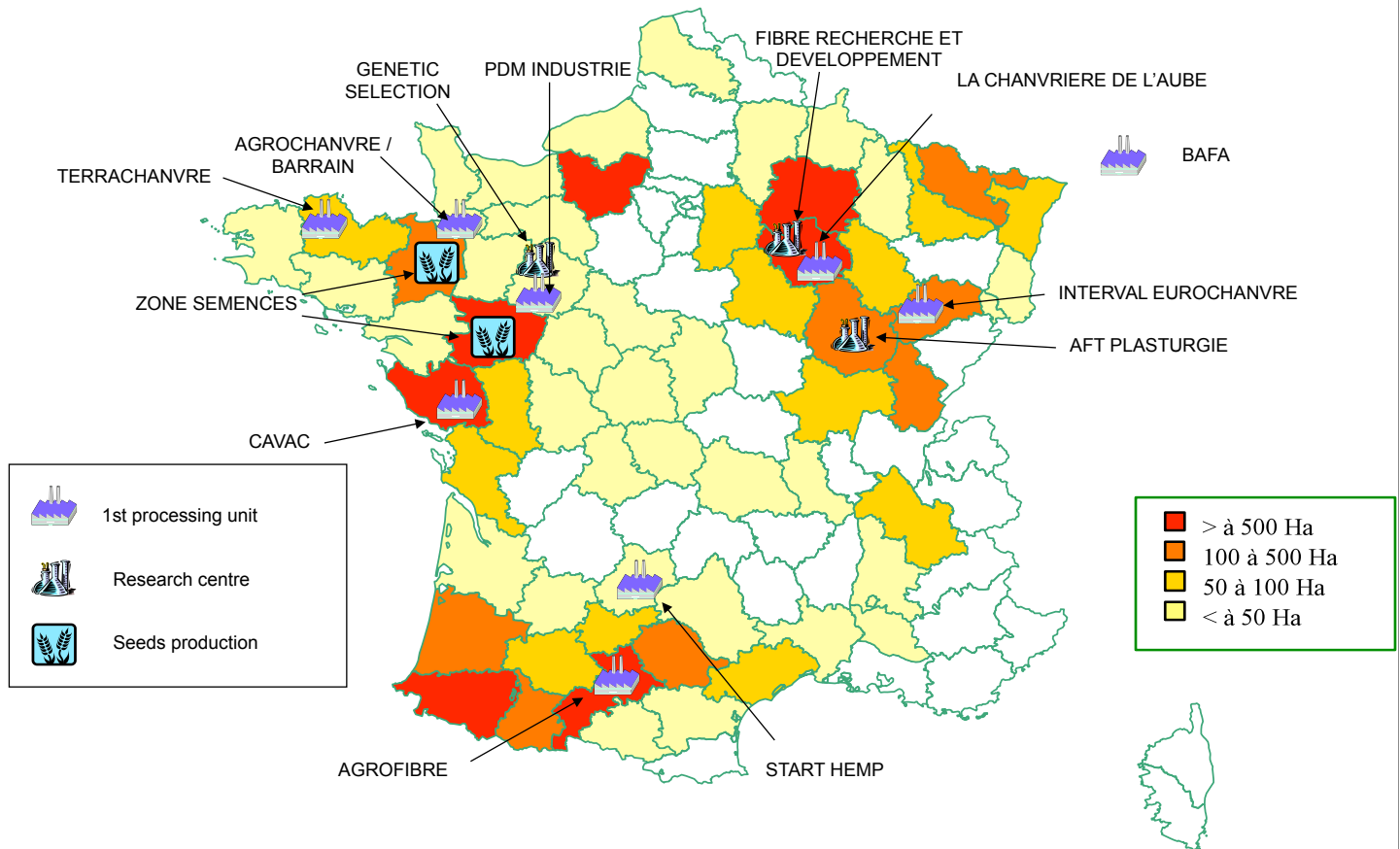
4 - Second processing and second level framework

- ⇒ PDM Industries (Quimperlé – Saint Giron) : pulp and paper producer.
 - ⇒ AFT Plasturgie : research and production on plastic compound reinforced with hemp fibre and plastic pieces production.
 - ⇒ Effireal : hemp wool producer.
 - ⇒ Buitex : hemp wool producer.
 - ⇒ Atelier du chanvre : hemp concrete block producer.
 - ⇒ Construire En Chanvre : hemp construction branch framework : research and lobby at building level, hemp construction teaching and training.
 - ⇒ Fibres Recherche et Développement : private research unit (LCDA + Interval - Eurochanvre).
- Subject** : vegetal fibre knowledge and industrial process creation on vegetal fibre.

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Hemp production in France - 2009



- **Thank you for your attention**
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