



Higher and Technical Agricultural Education in France



Agricultural Education comes under the authority of the french Ministry of Agriculture and Fishery

- Agriculture and agro–food industry in France
 - France is one of the world leader in this technical and economic sector
 - a sustainable farming so as to respect and preserve environment is implemented
- Agricultural Education involves the following domains under the authority of the Ministry
 - Agriculture and food (production, processing, marketing)
 - research
 - forestry
 - landscaping, rural and costal development



Basic legal documents

- 📄 **Decree of Oct 3rd 1848** : at the eve of industrial revolution, the Ministry of Agriculture sets the basis of agricultural education
- 📄 **Law of August 2nd 1960** : France defines and sets a modern agricultural education adapted to the challenges and requirements of the implementation of the Common Market
- 📄 **Law of July 9th 1984** : the missions and responsibilities of agricultural education are enlarged
- 📄 **Guidance law of July 1999** : General law on agriculture including agricultural education



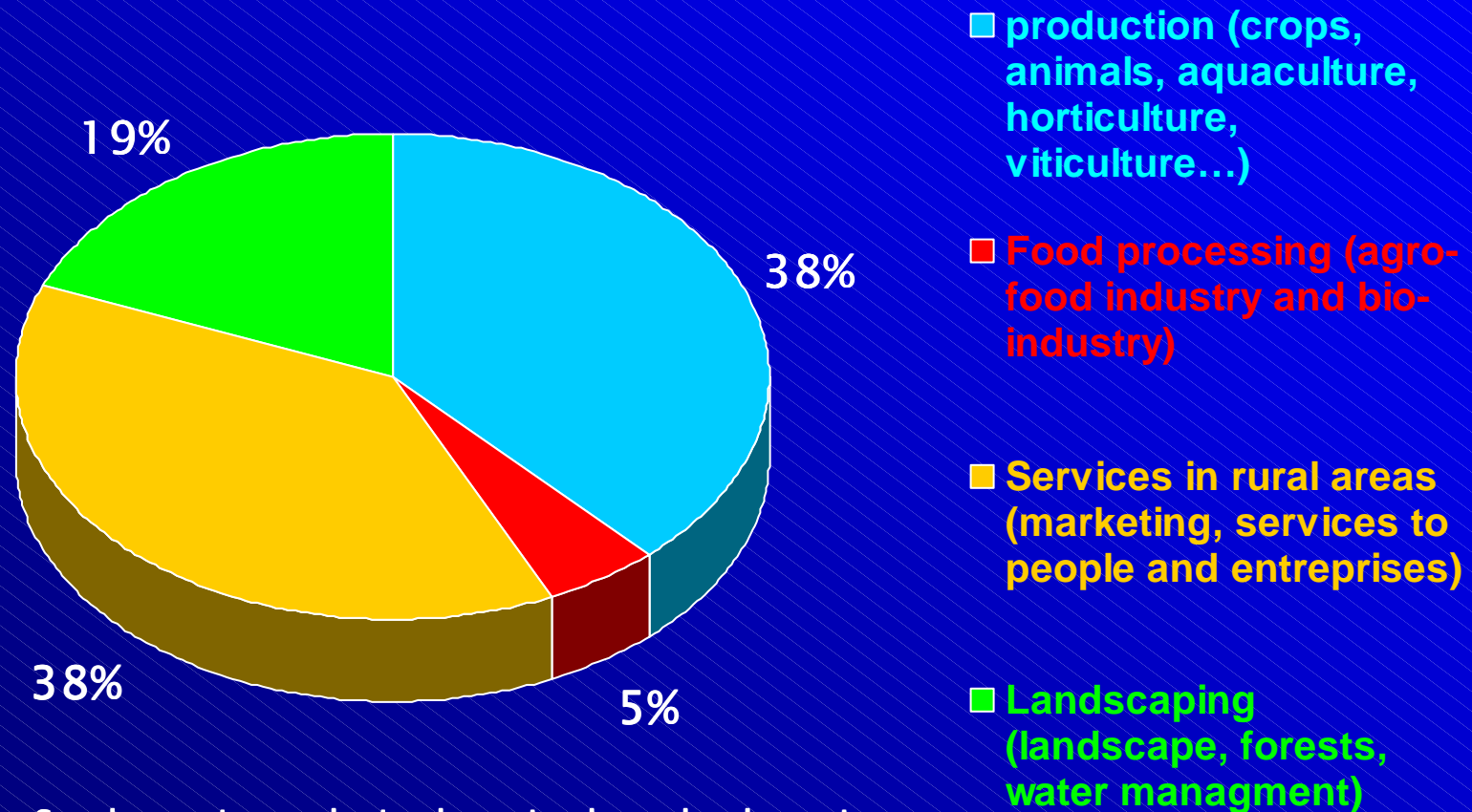
Five missions

guidance law of July 9th 1999

- 🕒 General education, technical, basic, vocational and further training
- 🕒 Cultural and social actions in rural areas
- 🕒 Vocational, social and educational integration
- ↪ Development, experimentation and research
- ↪ International cooperation



Fields of competence for agricultural education



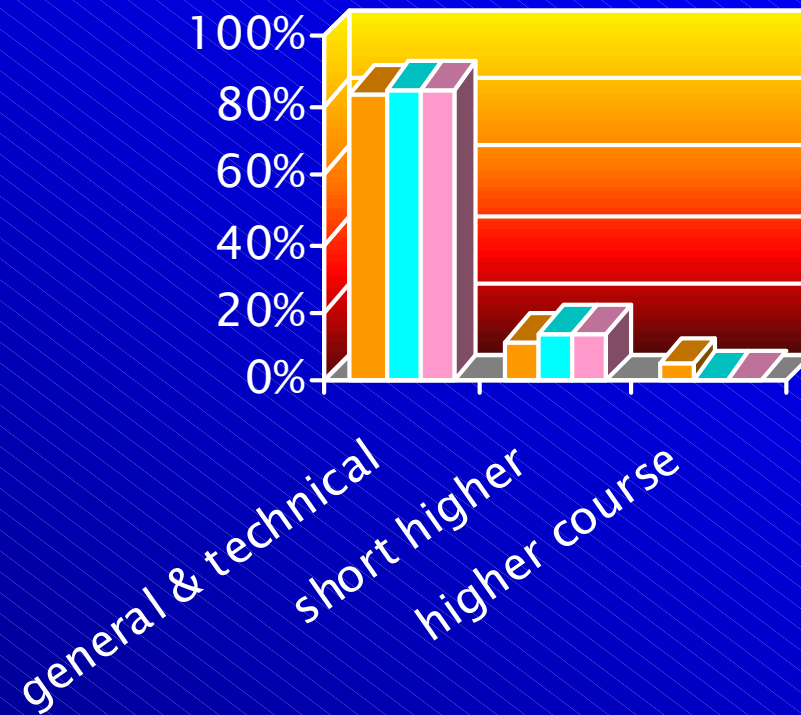
Students in technical agricultural education



3 types of educational systems

- Basic secondary and higher education
- Further education / Training
- Apprenticeship

Students and pupils in the 3 systems





Schemes of technical courses in agricultural Education

18 years

HND or Higher Education

17 years

Vocational "A" Level

Technological "A" Level

Scientific "A" level

16 years

Certificate in agriculture 2nd year (CAPA)

National Certificate 2nd year (BEPA)

Vocational "A" Level 1st year

Techno "A" Level 1st year

Scientific "A" level 1st year

15 years

Certificate in agriculture 1st year (CAPA)

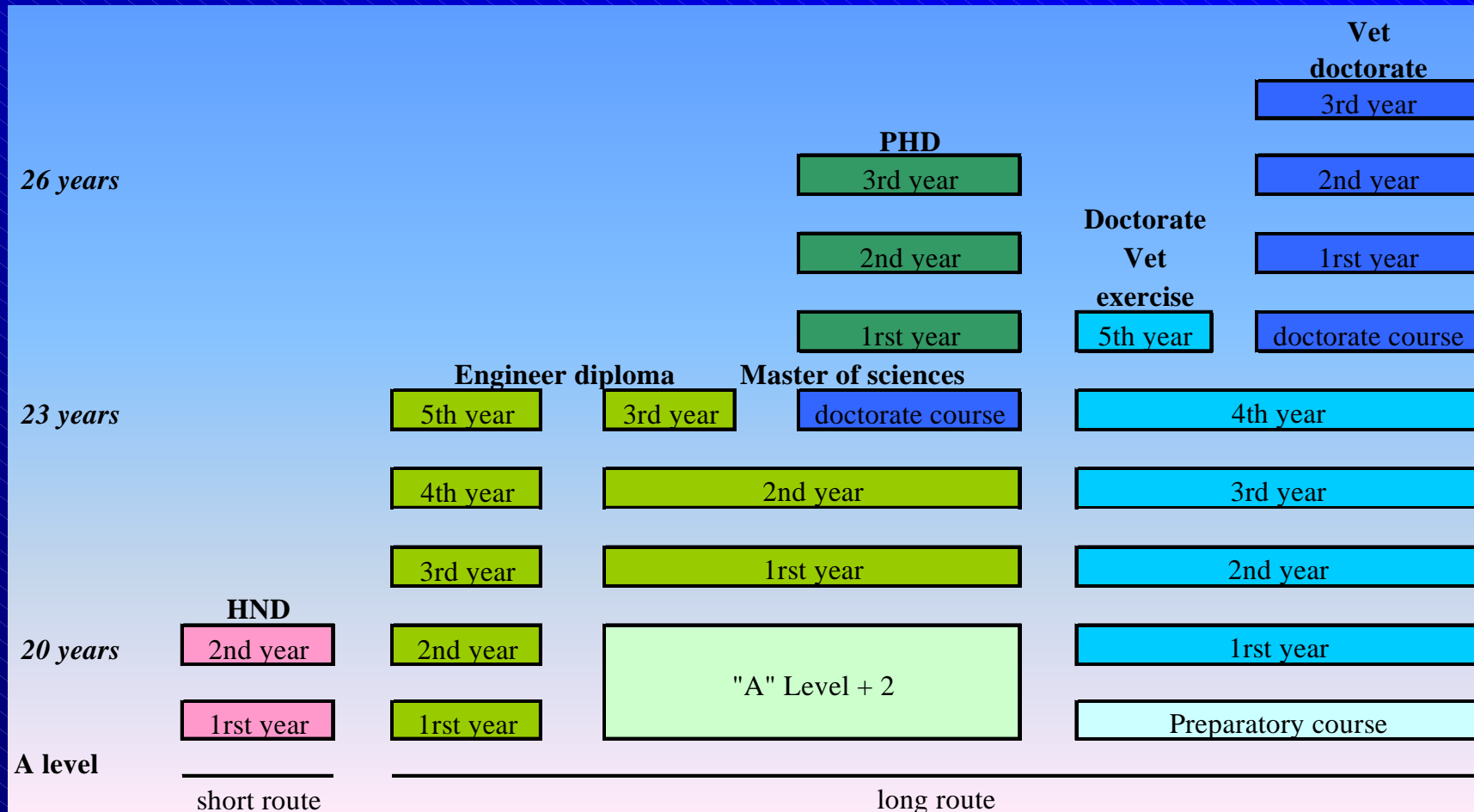
National Certificate 1st year (BEPA)

General or technological course





Higher courses in agricultural education



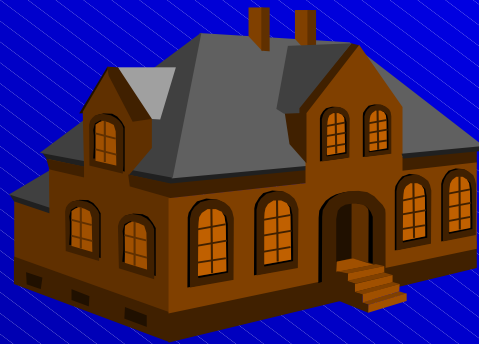


Technical agricultural education Figures on schools and colleges (in 2003/2004)

173 908 pupils
and students
(from 13 to 19
ans)

28 469
apprentices

123 545
trainees



847 public and
private schools

225 entreprises
and 17
technological halls





Specificity of public schools

- Autonomy of schools
 - juridical identity
 - financial autonomy
 - an elected Board of directors involving managers and a nominated director
- Specific structure
 - boarding facilities
 - technological halls or own enterprises
 - integration of the assessment of abilities and knowledges along the course development

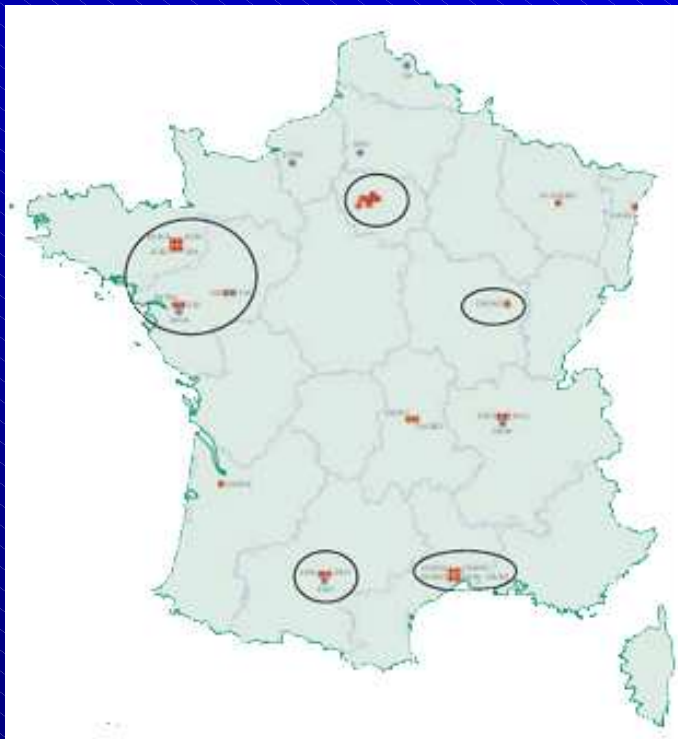


Short higher course : HND (BTSA)

- A vocational diploma : the HND (BTSA)
- A course related to a job including training periods in entreprises
- A two year course in an agricultural college
- 13 different options are available



Long higher course

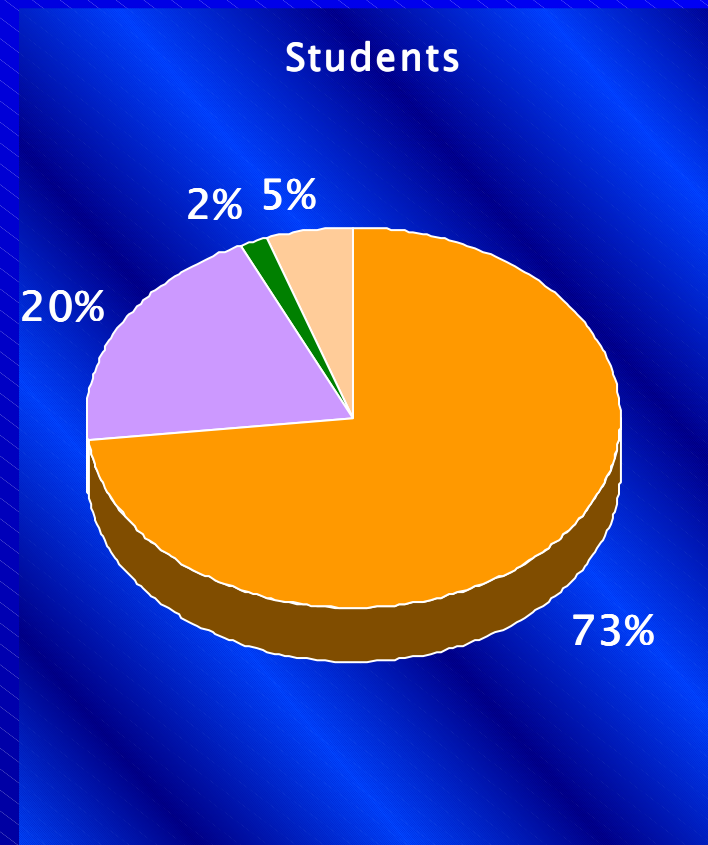


- ▮ 13 822 students
- 26 institutes under the authority of the Ministry of Agriculture and Fishery : 19 public and 7 private
- 5 regional centres for pedagogy and research



Higher Education : vocational route

- **Engineer** (agronomy, agro–food industry, forestry, water managment and environment) 73%
- **Vets** 20%
- **Landscape** 2%
- **Teachers in technical agricultural education** 5%





Higher education : doctorate route



Association of schools and research institutes

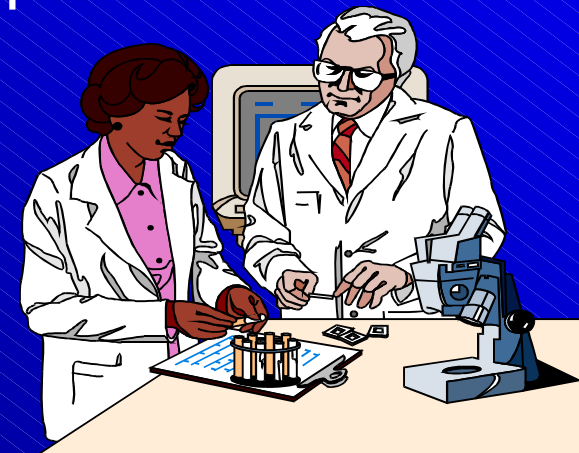
- ✓ Higher research organisms like the INRA (agronomy), the CEMAGREF (environment), the CIRAD (agronomy for development), the AFSSA (food hygiene and security) or the IFREMER (oceans and seas)... work with schools colleges
- ✓ Common work, means and teams



Receiving Phd students in Phd programs linking Universities and schools of engineering

5 schools deliver doctorates

- ✓ INAPG (Paris)
- ✓ ENSAM (Montpellier)
- ✓ ENSAR (Rennes)
- ✓ ENSIA (Massy)
- ✓ ENGREF (Paris)






An education aware of the economical challenges and purposes

 Training periods in France or abroad (in entreprises, in a public or private organisms)

 Seminars and sessions (organized by the students in the colleges, meeting days with entreprise managers)

 Engineering studies for students within the frame of their practical work for public or private organisms



Further Education

- 📄 Courses for people working or having worked
- 📄 Adaptation to the eventual employment, new job or new higher qualification
- 📄 Delivery of assessments from training period recognition to vocational diploma
- 📄 In :
 - 156 Public centres (Centres de Formation Professionnelle et de Promotion Agricole – CFPPA)
 - 361 private centres



Apprenticeship

- Apprenticeship is based in a sandwich course education
 - it involves all the levels of agricultural education
 - enables to prepare most of the diplomas of agricultural education.
- An apprentice is a salaried worker aged between 16 et 25.
- Time schedule :
 - off the job, the course is delivered in one of the 162 centres of apprenticeship
 - on the job the apprentice works in entreprise.



Distance learning

- A personal guidance and curriculum is available
- A regular guidance of lessons, exercises, courses is made, as well as a log book tutoring and training periods and group obligatories sessions
- 7000 people in France and overseas are involved in this training



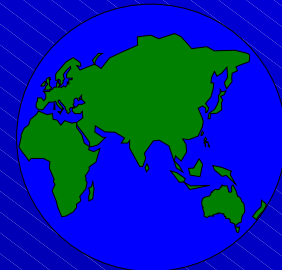
International cooperation

Educationnal and scientific cooperation between schools

- Training periods, exchanges of students, teachers and searchers
- Research programmes or common modules

Educative actions in the exchanges

Actions with the Ministry of Foreign Affairs or in the frame of multi lateral programmes (European Union, World Bank...)





To know more ...

@ The internet adress of the Ministry of
Agriculture and Fishery :

<http://www.agriculture.gouv.fr>

