

## Minutes of the Scientific Steering Committee Meeting of 28-29 June 2001

### **1. Welcome, apologies, introductory remarks, declaration of interest in relation to the current agenda**

Chairman Prof.Pascal welcomed the participants of the Scientific Steering Committee. He apologised, for 28 and 29 June 2001: Prof.J.Fink-Gremmels, Prof.W.Klein, Prof.P. Le Neindre and Prof.K.Jones. For 28 June: Prof.W.Bridges. We welcomed Prof.D.Vuiton , vice-chairperson of the Scientific Committee for Veterinary Measures related to Public Health who replaced Prof.Fink-Gremmels. The list of participants is attached as Annex 1.

#### Declarations of interest:

The secretariat informed the SSC of the statement made by Dr.R.Somerville at the last TSE/BSE *ad hoc* Group meeting of 20 June 2001. Dr.Somerville informed the TSE/BSE *ad hoc* Group that his laboratory is involved in a number of EU-funded research projects on TSE infectivity inactivation by rendering and in a project funded by GME (Gelatine Manufactures Europe) on TSE infectivity clearance during various gelatine production processes. The TSE/BSE *ad hoc* Group members did not consider these involvement as a possible obstacle to the independence of Dr.Somerville's contributions to the Group's scientific discussions.

Prof.Osterhaus reiterated the declaration of interest made at the SSC meeting of 10-11 May 2001. No other members of the SSC made a declaration of interest.

### **2. Approval of the agenda**

The agenda was approved without changes. It is attached as annex 2.

### **3. Approval of the minutes of the meeting of 10-11 May 2001.**

The minutes of the meeting of 10-11 May 2001 were adopted without changes.

### **4. Procedural matters**

#### **a. Membership of the TSE/BSE *ad hoc* Group**

The secretariat further announced that Dr.P.Brown, Dr.G.Wells, Dr.C.Ducrot and Dr.R.Somerville had accepted to become a member of the TSE/BSE *ad hoc* Group. The reply from Prof.Dr.Collinge was still being awaited.

The secretariat informed the SSC that Prof.Dr.G.Piva, member of the TSE/BSE *ad hoc* Group where he represented the Scientific Committee for Animal Nutrition, resigned from both memberships because he accepted memberships in national scientific committees in Italy. The Scientific Committee on Animal Nutrition was invited to identify replacement for Prof.Piva as a member of the TSE/BSE *ad hoc* Group. The Scientific Steering Committee expressed its gratitude to Prof.Dr.Piva for his 4 years of active involvement in the activities of the TSE/BSE *ad hoc* Group and for the contributions he made to the reports in support of scientific opinions especially in the field of product safety with regard to TSE risks.

#### **b. Planning of activities and priorities.**

The SSC members agreed that, whenever possible, the length of the meetings would be limited to 1 day. As meetings would then start early (e.g. at 09h00) and end late (e.g., after 18h00), the holding of one-day meetings may imply the need to travel to and from Brussels on the day before and/or the day following a meeting. The

secretariat informed the participants that this might have budgetary implications, which needed to be evaluated.

## **5. Multidisciplinary matters:**

### **a. Co-ordination: Reports of the Chairpersons of the 8 Scientific Committees**

The 8 chairpersons reported on the work of their respective Scientific Committees, whilst emphasising on matters that are of a multidisciplinary nature and/or require co-ordination. Information on the activities of the various Scientific Committees is attached as Annex 3.

Prof. White, chairperson of the Scientific Committee for Cosmetic and Non-food Products expressed the concern of this Committee that, for epidemiological studies and exposure assessments related to cosmetics, only old data are currently available. These are not up-to-date and therefore compromise risk assessments carried out in this field. He strongly recommended that research and data collection related to the use of cosmetics should receive priority national and EU funding. The SSC fully supported this recommendation and also recommended that this issue should also receive the appropriate attention in the 6<sup>th</sup> Framework Programme for Research currently being prepared by Commission Services.

### **b. Harmonisation of risk assessment methods.**

DG Research gave a presentation of the EC Concerted Action - Food Safety in Europe: Risk Assessment of chemicals in Food and Diet (FOSIE), in which several members of SSC participate. The second plenary meeting was held in Denmark 25-27 June 2001. An integrated document on Risk Characterisation and Quantification is planned for the end of 2002.

Prof. Bridges reported on the progress so far in the Task Force on Harmonisation of Risk Assessment Procedures and its working groups. The SSC members urged the work of the Task Force to continue, even if the Commission proposal to establish a European Food Authority might have consequences for the future organisation of the work. The Commission representatives suggested that a preliminary report of the Task Force should be prepared for the first quarter of 2002.

Prof. Bridges presented a revised proposal for a common format for opinions. The SSC members discussed the proposed separation of the Opinion by the scientific committee from the Report prepared for the committee in order to provide professional recognition for the authors of reports. Based on this discussion Prof. Bridges and the secretariat will provide a new draft for the next meeting of SSC.

For the common glossary of terms reactions from all scientific committees were expected in September. The SSC members agreed that the terms should be translated into all the official languages.

### **c. Safety of cotton**

Prof. Hardy, rapporteur, presented the draft report and opinion on *Genetically Modified Cotton and Medical Devices*. Following discussion and amendments, the attached opinion was adopted (Annex 4).

### **d. Emerging scientific issues:** No progress reports were presented.

### **e. New questions**

No new questions on non-TSE issues had been submitted to the SSC.

## **6. Multidisciplinary matters relating to TSE/BSE**

### **6.1. Report by the chairman of the TSE/BSE *ad-hoc* group meeting of 20 June 2001**

Prof.Osterhaus reported briefly on the meeting of the TSE/BSE *ad hoc* Group of 20 June 2001. All items addressed by the *ad hoc* Group are further dealt with in detail under point 6.2 of these minutes.

### **6.2. Reports on specific issues:**

#### **a. Safety of intestine-associated adipose tissues**

As a result of the discussions during the previous SSC meeting, Commission Services invited the SSC to cover in the opinion the whole digestive tract and to include also the discrete adipose tissues of small ruminants.

Prof.Osterhaus, presented the revised draft report and opinion on the *Safety of intestine-associated adipose tissues*, prepared by the TSE/BSE *ad hoc* Group. Following discussion and amendments, the attached opinion was adopted (Annex 5).

#### **b. Safety of tallow**

The Secretariat presented the revised draft report and opinion on the *Safety of tallow derived from ruminant slaughter by-products*, prepared by the TSE/BSE *ad hoc* Group. Following discussion and amendments, the attached opinion was adopted (Annex 6).

#### **c. Safety of gelatine**

The Secretariat presented the revised draft report and opinion on the *Safety of gelatine derived from ruminant hides or bones*, prepared by the TSE/BSE *ad hoc* Group. Following discussion and amendments, the attached opinion was adopted (Annex 7).

#### **d. The risk of dissemination of brain particles into the blood and carcass when applying certain stunning methods.**

Following a request from Commission Services, the scope of this opinion had been amended to cover also small ruminants, age at slaughter and animal welfare aspects. A preliminary exchange of ideas was held but the detailed discussion was reported to the next meeting. The SSC nevertheless considered that the studies presently available to assess the risk of dissemination of brain particles into the blood and carcass have involved few observations and therefore recommended that these be verified as quickly as possible to improve the confidence in current results. It was also noted that such a verification could be rapidly carried out at little cost by existing laboratories specialised in veterinary pathology.

#### **e. Frame for the evaluation of proposals for alternative ways of disposal**

Prof.Bridges presented an updated a draft *Frame for the evaluation of proposals for alternative ways of disposal*. The draft was discussed, amended and adopted. It is attached as annex 8.

#### **f. Treatment and disposal of animal waste by alkaline hydrolysis;**

In its meeting of 29-30 March 2001, the SSC considered with regard to the alkaline hydrolysis at 150°C during 3 hours under pressure and that, for the time being, and comparing with the results of already available TSE inactivation studies but keeping

in mind that a validation study of this specific process is still ongoing, the liquid residues and the by-products resulting from this treatment (i.e. ash of the bones and teeth of vertebrates) appears to be a very effective infectivity reduction method. However, the quantification in terms of reduction of infectivity would depend upon a further analysis of the process by the appropriate service against the framework for evaluation to be prepared, the outcome of the presently ongoing inactivation study and the composition of the residues of the process.

A Frame for the evaluation of proposals for alternative ways of disposal had now been adopted. However, because of a lack of time, the SSC had not yet applied it to the alkaline hydrolysis process and agreed that it would proceed with a written procedure.

**g. Geographical BSE Risk: update and possible adoption of an opinion on the GBR of a number of Third Countries.**

The SSC discussed and amended the reports and draft opinions prepared by the Working Group on Geographical BSE Risk Assessment (GBR) on the geographical BSE risk in El Salvador, Nigeria and Panama. It adopted the opinions attached as Annexes 9 - 11.

**h. Progress report on pending questions**

**- BSE epidemiology (survey methods)**

The Working Group installed by the BSE/TSE *ad hoc* Group met for the first time on 25 June 2001. The progress made by was reported on. A final draft is expected to be available for the SSC meeting of either September or October 2001.

**- BSE transmission and 3<sup>rd</sup> route**

The SSC secretariat reported on the progress made by the rapporteur on the hypothesis of the 3<sup>rd</sup> route. Although a very first draft was already available, it was currently not possible to estimate when a final draft would be available for discussion by the SSC.

**- Origin of BSE**

The secretariat reported that the UK Department for Environment, Food and Rural Affairs (DEFRA) was currently preparing a scientific report on the origin of BSE. In order to economise resources, it was agreed that the TSE/BSE *ad hoc* Group would evaluate this report once available and then either endorse it or decide to nevertheless prepare an own report and opinion on the subject.

**- Specified Risk Materials**

The progress made by the BSE/TSE *ad hoc* Group was reported on. It was currently not possible to estimate when a final draft would be available.

**- The safety of human blood and human-derived products.**

Commission Services invited the appropriate scientific committee(s) to address a number of questions related to the safety with regard to TSEs of human-derived products and medical devices. Priority would need to be given to the issues related to the safety of human blood. In a second step, other questions related to other human tissues and to the state of affairs of research in the field of vCJD would be addressed. The SSC, in its coordinating role, proposed that these questions be attributed to the Scientific Committee on Medicinal Products and Medical Devices. It agreed that the SSC and its TSE/BSE *ad hoc* Group would be

consulted and involved. It supported the proposal of the TSE/BSE *ad hoc* Group to invite Prof.J.Loewer to become chairman of a special working group composed of specialists of these 2 scientific committees, the TSE/BSE *ad hoc* Group and other external specialists. Prof.J.Loewer accepted this chairmanship and proposed an initial planning and composition of the Working Group.

**i. New questions.**

Commission Services amended the mandates for the pending opinions on possible risks associated stunning methods (see above item d) and on survey methods (BSE epidemiology). In addition, the Scientific Steering Committee was invited to prepare an opinion on whether any new evidence exists since the adoption of its opinion of 9 December 1997 on the listing of Specified Risk Materials which would indicate that the entire head of cattle, sheep and goats, including skeletal muscle, tongue, and associated innervation should be considered as specified risk material.

**7. Organisational matters:** No other organisational matters were discussed.

**8. Info on the follow-up given to the opinions adopted at the previous SSC meeting.**

The secretariat presented a brief and not necessarily exhaustive account of activities currently ongoing at the level of the services of the Commission and related to the work of the SSC:

- Updating of the draft 6<sup>th</sup> Framework Programme for Research so as to include as provision for possibly emerging issues;
- Regulation (EC) N° 999/2001 of 22 May 2001 of the European Parliament and Council, laying down rules for the prevention, control and eradication of certain transmissible spongiform encephalopathies;
- TSE surveillance in small ruminants. This proposal addresses several of the SSC's recommendations made in its pre-emptive risk assessment of 8-9 February 2001 should there be strong indications or evidence of BSE actually being present in small ruminants under domestic conditions. Issues covered by the proposal are, for example, TSE testing of samples of fallen stock and animals offered for human consumption and strain-typing of animals found positive. The SSC asked that it would further be kept informed about the actions taken by the Commission in this context.
- The IDEA Programme ("Identification Electronique d'Animaux") on individual identification of small ruminants and cattle co-ordinated by the Agriculture Directorate General.
- The call for research proposals in a number of priority fields of TSEs, launched on 31 May 2001 by the Research Directorate General.

**9. Information by the Commission services on matters related to consumer health**

No information was provided by Commission Services other than the Research Directorate General (see sections 5.b and 8 above), the Health and Consumer Protection Directorate General and the Agriculture Directorate General (See above section 8 above)

**10. Any other business:** No other business were discussed

The meeting ended on Friday 29 June 2001, at 13h30

**Annex 1: List of participants in the Scientific Steering Committee meeting on  
28-29 June 2001.**

**List of presence**

**Members of the SSC:**

- Ing. Georges Bories
- Prof. James W. Bridges (morning of 29 June only)
- Prof. Anthony R. Hardy
- Dr Ada Knaap
- Dr Ib Knudsen
- Prof. Johannes Löwer
- Prof. Albert Osterhaus
- Prof. Gérard Pascal (Chairman)
- Prof. Pere Puigdomenech (not present morning of 28 June)
- Prof. Vittorio Silano
- Prof. Staffan Skerfving
- Prof. Dominique Vuitton (representing Prof. Fink-Gremmels; 28 June only)
- Dr Ian White (28 June only)

**Apologies for absence:**

- Prof. Johanna Fink-Gremmels
- Prof. Werner Klein
- Dr. Keith Jones
- Dr Pierre Le Neindre

**Participants from the Commission:**

**DG SANCO:** B. Carsin, C. Berlingieri, P. Vossen, J.Kreysa, S. Abildgaard, G. Morrison,  
V. Van Haepere, D. Pettauer, A. Van Elst, A. Chamas, T. Daskaleros,  
C. Hankin (Stagiaire).

**DG RTD:** A. Di Giulio, A. Boenke.

## Annex 2: Agenda of the Scientific Steering Committee Meeting of 28-29 June 2001

1. Welcome, apologies, introductory remarks, declaration of interest.
2. Approval of the agenda
3. Approval of the minutes of the meeting of 10-11 May 2001
4. Procedural matters
  - a. Membership of the TSE/BSE ad hoc Group;
  - b. Planning of activities and priorities.
5. Multidisciplinary matters:
  - a. Co-ordination: Reports of the Chairmen of the 8 Scientific Committees;
  - b. Harmonisation of risk assessment methods:
    - Progress report on Task Force activities;
    - Common format for opinions and Glossary of terms.
  - c. Safety of cotton (for opinion);
  - d. Emerging scientific issues (progress reports);
  - e. New questions (if any).
6. Multidisciplinary matters relating to TSE/BSE
  - 6.1. Report by the chairman of the TSE/BSE *ad-hoc* group meeting of 20 June 2001
  - 6.2. Reports on specific issues:
    - a. Safety of intestine-associated adipose tissues (for opinion);
    - b. Safety of tallow (for opinion)
    - c. Safety of gelatine (for opinion)
    - d. The risk of dissemination of brain particles into the blood and carcass when applying certain slaughter methods (for opinion),
    - e. Frame for the evaluation of proposals for alternative ways of disposal;
    - f. Treatment and disposal of animal waste by alkaline hydrolysis;
    - g. Geographical BSE Risk: Update and draft opinions on a number of Third Countries.
    - h. Progress report on pending questions
      - BSE epidemiology (survey methods)
      - Origin of BSE and various hypotheses;
      - 3<sup>rd</sup> route of transmission
      - pending questions related to SRMs
      - The safety of human blood and human-derived products.
    - i. upcoming issues and new questions.
      - SRMs in small ruminants should BSE be confirmed in domestic sheep;
      - Pending reports on ways of disposal.
7. Info on the follow-up given to the opinions adopted at the previous SSC meeting.
8. Information by the Commission services on matters related to consumer health.
9. Any other business.

### **Annex 3: Reports from the chairpersons of Scientific Committees on the major activities and milestones since the SSC meeting of 8-9 February 2001.**

(COMPLETE INFORMATION AT THE WEBPAGES OF THE SCIENTIFIC COMMITTEES AT THE ADDRESS [HTTP://EUROPA.EU.INT/COMM/FOOD/FS/SC/SSC/INDEX\\_EN.HTML.](http://europa.eu.int/comm/food/fs/sc/ssc/index_en.html))

#### **SCIENTIFIC COMMITTEE ON FOOD (SCF)**

At its plenary meeting on 29/30 May the Scientific Committee on Food adopted opinions on

- Risk assessment of dioxins and dioxin-like PCBs - update based on new scientific information available since the adoption of the SCF opinion of 22<sup>nd</sup> November 2000.
- 3-Monochloro-propane-1,2-diol (3-MCPD) - updating the SCF opinion of 1994.
- Fusarium Toxins, Part 5: T-2 Toxin and HT-2 Toxin.
- Safety of n-vinyl-2-pyrrolidone residues in polyvinylpyrrolidone and polyvinylpolypyrrolidone (insoluble polyvinylpyrrolidone) when used as food additives.
- 13th additional list of monomers and additives for food contact materials (20 substances).

The SCF also decided to establish, in addition to the 9 existing working groups, two *ad hoc* groups to discuss the requests on polycyclic hydrocarbons and organotin compounds.

Draft opinions on the following items will be scheduled for discussion and possible adoption at the next plenary meeting in July:

- Food additives: DMDC in wines, guidelines on additives, Hydrogenated poly-1 decene, Carbon monoxide, impurities of Ethylene oxide in ethyl hydroxyethylcellulose
- Nutrition: guidelines for foods for particular nutritional purposes
- Upper levels: vitamin B1
- 14<sup>th</sup> list of Food Contact materials
- Novel Foods: Salatrim.

#### **SCIENTIFIC COMMITTEE FOR PLANTS**

The Scientific Committee for Plants had a plenary meeting on 7 June, during which 2 opinions were adopted on Plant Protection Products: ethoxysulfuron and prosulfuron see [http://europa.eu.int/comm/food/fs/sc/scp/outcome\\_ppp\\_en.html](http://europa.eu.int/comm/food/fs/sc/scp/outcome_ppp_en.html)

#### **SCIENTIFIC COMMITTEE ON ANIMAL NUTRITION (SCAN)**

The SCAN met on 16 and 17 May and discussed several reports for possible adoption. One was adopted at that meeting. An other was subject to a Written Procedure, which is about to be completed.

New questions arrive on SCAN agenda and contribute to a significant increase of the workload of the Committee.

#### **SCIENTIFIC COMMITTEE VETERINARY MEASURES RELATING TO PUBLIC HEALTH**

The last plenary meeting of the Scientific Committee on Veterinary Measures relating to Public Health took place on 20-21 June.

Two opinions, one on “The Cleaning and Disinfection of Knives in the Meat and Poultry Industry”, and a second one on “Identification of species/categories of meat-producing animals

in integrated production systems where meat inspection may be revised”, have been adopted by the Committee subject to editorial changes agreed at the plenary meeting.

Draft reports have been discussed by the Committee and remarks made to the documents presented, to be updated for future discussion.

### **SCIENTIFIC COMMITTEE ON ANIMAL HEALTH AND ANIMAL WELFARE**

The committee had no plenary meeting since the last Scientific Steering Committee meeting.

The animal welfare sub committee met on 25 June and discussed a draft report on the welfare of animals kept for fur production. This is a major document and will require many hours work in the sub committee.

The animal health sub committee met on 26 June and discussed a draft report on diagnostic tests for Contagious Bovine Pleuropneumonia (CBPP). This is a serious disease which occurred in recent years in Portugal Spain France and Italy, but which may be eradicated. However surveillance is still necessary.

Other working groups are engaged in drafting reports on topics such as welfare on animals during transport, and on health matters such as psittacosis and chronic wasting disease.

The next plenary meeting is scheduled for 12 July and should consider a draft report on Brucellosis for possible adoption and also a report on "chronic wasting in cattle".

### **SCIENTIFIC COMMITTEE FOR TOXICITY, ECOTOXICITY AND THE ENVIRONMENT**

#### **A. Opinions were adopted on the following (at the 24<sup>th</sup> CSTEE plenary - 12 June 2001):**

##### **1. Risk assessment reports produced under the so-called Existing substances Regulation (793/93):**

- i)** Human health and the environment: **a)** *Methyl oxirane (Propylene oxide)*; **b)** *Toluene*; **c)** *Acrylic acid*;
- ii)** Human Health part only: **d)** *Di(isononyl)phthalate (DINP)*; **e)** *Di(isodecyl)phthalate (DIDP)*.

##### **2. Air quality: i) Carcinogenic and non-carcinogenic effects of Cadmium and Arsenic in ambient air and ii) Derivation of limit values for PAH in ambient air.**

##### **3. Assessment of the risks to human health posed by azo colorants in toys, writing inks and paper products, and analysis of the advantages and drawbacks of restrictions on their marketing and use – LGC report ETD/99/502495.**

##### **4. Draft CPMP discussion paper on Environmental Risk assessment of medicinal products.**

##### **5. Ecotoxicological properties of Creosote (Submission to the EC under article 95 of the Treaty). Note: this is an interim position of the CSTE pending the submission by DG Enterprise of a more substantive dossier.**

##### **6. The CSTE position paper on Margins of safety (multidisciplinary), adopted at the 22<sup>nd</sup> CSTE plenary (6/7 March 2001) was finally put on the DG SANCO website.**

#### **B. The CSTE is also pursuing its activities on the following opinion requests:**

- 1. Health effects of Radio Frequency and Electromagnetic fields (emerging issue).**
- 2. Evaluation of the following Regulation 793/93 Risk Assessment Reports:**

i) Human Health and Environment: **a)***1,2,4-Trichlorobenzene*; **b)***Hydrogen Peroxide*; **c)***Styrene*; **d)***N-Vinyl pyrrolidone*.

ii) Environment; **e)***Di(isononyl)phthalate (DINP)*; **f)***Di(isodecyl)phthalate (DIDP)*.

3. *JRC report on results of the validation of methodologies for determining the release of DINP from toys and childcare articles.*
4. Participation of the CSTEE in activities/working groups of other scientific committees of the Commission: *Toxicity of minerals such as Cu and Zn in animal feed regarding the possible environmental impact of these minerals – activity of the SCAN.*
5. The comments received on the report *Exposure data in risk assessment of organic chemicals* (put on the DG SANCO website for public comments on 9 May 2001 for about a month) will now be taken into account in view of a possible revision of the document.

C. The next (25th) CSTEE plenary meeting is due to take place on 20 July 2001.

### **SCIENTIFIC COMMITTEE FOR COSMETICS AND NON-FOOD PRODUCTS**

Since the last SSC plenary meeting, 5 Working Party meetings and one Plenary meeting of the Scientific Committee on Cosmetic Products and Non-Food Products have taken place. No particular items of a multi-disciplinary nature have been discussed. However, the Committee has adopted opinions on the 'emerging events' mentioned in the previous progress report:

1. *In vitro* and *in vivo* oestrogenicity of UV filters : in its opinion on the evaluation of potentially oestrogenic effects of UV-filters, the SCCNFP concluded that a number of important technical and scientific shortcomings were present in the study. Moreover, and based on currently established information, the SCCNFP concluded that organic UV-filters used in cosmetic sunscreen products, allowed in the EU market today, have no oestrogenic effects that could potentially affect human health.
2. Use of permanent hair dyes and bladder cancer risk : based on the findings of a recent study implicating long-term use of permanent hair dyes as a risk factor in bladder-cancer development, the Committee concluded that the potential risk for the development of bladder cancer in users of permanent hair dyes is of concern and requested :
  - \* a full quantitative list of all dyes currently used in permanent hair dye formulations in the EU.
  - \* the resources for the urgent review of the information, and
  - \* further epidemiological studies to evaluate the possible association between bladder cancer and the use of permanent hair dyes in the EU.

Moreover, it was pointed out that the safety evaluations of hair dyes should follow the current Guidelines and that the data assessed should conform to currently accepted standards.

3. There is a need for modern data on cosmetic use in order to better assess exposure. There may be important geographical variations in exposure; Children may be a special case.

### **SCIENTIFIC COMMITTEE FOR MEDICINAL PRODUCTS AND MEDICAL DEVICES**

**Annex 4:**



**EUROPEAN COMMISSION**  
HEALTH & CONSUMER PROTECTION DIRECTORATE-GENERAL

Directorate C - Scientific Opinions  
**C1 - Follow-up and dissemination of scientific opinions**

**OPINION ON**  
**GENETICALLY MODIFIED COTTON AND MEDICAL DEVICES**

**ADOPTED BY THE SCIENTIFIC STEERING COMMITTEE**  
**AT ITS MEETING OF**

**28-29 JUNE 2001**

(Distributed separately)

**Annex 5**



**EUROPEAN COMMISSION**  
HEALTH & CONSUMER PROTECTION DIRECTORATE-GENERAL  
Directorate C - Scientific Opinions  
**C1 - Follow-up and dissemination of scientific opinions**

**OPINION ON**

**ADIPOSE TISSUE ASSOCIATED WITH THE DIGESTIVE TRACT OF CATTLE, SHEEP  
AND GOATS: AN APPRECIATION OF POSSIBLE TSE RISKS**

**ADOPTED BY THE SCIENTIFIC STEERING COMMITTEE  
AT ITS MEETING OF 28-29 JUNE 2001**

(Distributed separately)

**Annex 6**



**EUROPEAN COMMISSION**  
HEALTH & CONSUMER PROTECTION DIRECTORATE-GENERAL  
Directorate C - Scientific Opinions  
**C1 - Follow-up and dissemination of scientific opinions**

**REVISED OPINION AND REPORT ON:**  
**THE SAFETY OF TALLOW OBTAINED FROM RUMINANT**  
**SLAUGHTER BY-PRODUCTS**

**ADOPTED BY THE SCIENTIFIC STEERING COMMITTEE AT ITS**  
**MEETING OF 28-29 JUNE 2001**

(Distributed separately)

**Annex 7**



**EUROPEAN COMMISSION**  
HEALTH & CONSUMER PROTECTION DIRECTORATE-GENERAL  
Directorate C - Scientific Opinions  
**C1 - Follow-up and dissemination of scientific opinions**

**UPDATED OPINION ON**  
**THE SAFETY WITH REGARD TO TSE RISKS OF**  
**GELATINE DERIVED FROM RUMINANT BONES OR**  
**HIDES FROM CATTLE, SHEEP OR GOATS**

**ADOPTED BY THE SCIENTIFIC STEERING COMMITTEE AT ITS**  
**MEETING OF 28-29 JUNE 2001**

(Distributed separately)

**Annex 8**



**EUROPEAN COMMISSION**  
HEALTH & CONSUMER PROTECTION DIRECTORATE-GENERAL  
Directorate C - Scientific Opinions  
**C1 - Follow-up and dissemination of scientific opinions**

**A FRAMEWORK FOR THE ASSESSMENT OF THE RISK FROM  
DIFFERENT OPTIONS FOR THE SAFE DISPOSAL OR USE OF MEAT AND  
BONE MEAL (MBM) AND OTHER PRODUCTS WHICH MIGHT BE  
CONTAMINATED WITH TSE'S AND OTHER MATERIALS.**

**ADOPTED BY THE SCIENTIFIC STEERING COMMITTEE AT ITS  
MEETING OF 28-29 JUNE 2001**

(Distributed separately)

**Opinions of the**  
**Scientific Steering Committee**  
**on the**  
**GEOGRAPHICAL RISK OF**  
**BOVINE SPONGIFORM ENCEPHALOPATHY (GBR) IN:**  
**PANAMA, EL SALVADOR AND NIGERIA**

**ADOPTED ON 28-29 JUNE 2001**

**(Distributed separately)**