

APPENDIX IV

List of areas of expertise for experts

The following list describes the principal areas in which the Member States could designate experts in areas such as medicine, veterinary medicine, plant health, microbiology, chemistry, toxicology, and epidemiology. Where possible, Member States should designate experts who have acquired working experience in the field. In their fields of competence, these experts should be familiar with the effects of CBT agents and weapons and should be skilled at sample collection and preparation. They should also be able to conduct appropriate interviews.

1. Methodologies of *in situ* detection and analysis of CBT agents.
2. Evaluation of the effects of CBT weapons on humans, and any correlation between the effects and the identification of the types of CBT agent concerned. Desired skills include clinical toxicology, infectious disease medicine, microbiology, virology, and field epidemiology.
3. Evaluation of the effects of other types of weapons on humans.
4. Evaluation of the effects of CBT weapons on animals, and any correlation between the effects and the identification of the types of agent concerned. Desired skills include veterinary toxicology, infectious disease diagnostics, microbiology, field epidemiology, and virology.
5. Expertise in field investigation of human, animal, and plant disease.
6. Evaluation of the effects of CBT weapons on plants. Desired skills include plant pathology, plant microbiology, and plant virology.
7. Application of methods of diagnosing infectious diseases, if possible rapidly
8. Conduct of autopsies and post-mortem sample-taking.
9. Determination of local medical and health conditions (with knowledge of conditions preceding the alleged use of CBT weapons).
10. Determination of local ecological conditions (including microbiological aspects).
11. Epidemiological investigation of an alleged use event.
12. Evaluation of the design and military use of CBT means of warfare.
13. Evaluation of the design and military use of non-CBT means of warfare.
14. Evaluation of the health and safety aspects of an investigation.
15. Evaluation and rendering safe of military and improvised explosive devices.
16. Expertise in forensics.