

ANNEX V

ANALYSIS AND EVALUATION

1. The analysis and evaluation of the hazardous activity should be performed with a scope and to a depth which vary depending on the purpose for which they are carried out.

2. The following table illustrates, for the purposes of the related Articles, matters which should be considered in the analysis and evaluation, for the purposes listed:

<u>Purpose of analysis</u>	<u>Matters to be considered:</u>
Emergency planning under Article 8	<p>(1) The quantities and properties of hazardous substances on the site;</p> <p>(2) Brief descriptive scenarios of a representative sample of industrial accidents possibly arising from the hazardous activity, including an indication of the likelihood of each;</p> <p>(3) For each scenario:</p> <ul style="list-style-type: none">(a) The approximate quantity of a release;(b) The extent and severity of the resulting consequences both for people and for the non-human environment in favourable and unfavourable conditions, including the extent of resulting hazard zones;(c) The time-scale within which the industrial accident could develop from the initiating event;(d) Any action which could be taken to minimize the likelihood of escalation. <p>(4) The size and distribution of the population in the vicinity, including any large concentrations of people potentially in the hazard zone;</p> <p>(5) The age, mobility and susceptibility of that population.</p>
Decision-making on siting under Article 7	<p>In addition to items (1) to (5) above:</p> <p>(6) The severity of the harm inflicted on people and the environment, depending on the nature and circumstances of the release;</p> <p>(7) The distance from the location of the hazardous activity at which harmful effects on people and the environment may reasonably occur in the event of an industrial accident;</p> <p>(8) The same information not only for the present situation but also for planned or reasonably foreseeable future developments.</p>
