## **EXECUTION PLAN**

## Project name: THE IMPROVEMENT OF THE QUALITATIVE PARAMETERS FOR THE WASTEWATER TREATMENT PROCESSES FROM THE FOOD INDUSTRY THROUGH ADVANCED CONTROL SYSTEMS

|      |   | <b>D</b> III |  |  | Financial resources<br>(Value)<br>Of which |                             |  | Categories of expenses  |   |
|------|---|--------------|--|--|--|-----------------------------|--|---|---|
| Year | Phases/ Activities/ Parteners   | Deadlines    | Results/<br>Documents<br>presenting<br>the results     | Human<br>resources<br>involved<br>(person x month) | Total                                      | Of w<br>Program's<br>budget | Other sources<br>of financing<br>(cofinancing) | Program's<br>budget   | Other sources<br>(cofinancing)          |
| 2008 | PHASE III: (includes objectives IV and V).  | 31.08.2008   | Phase<br>scientfic<br>report +<br>software<br>products | 215  | 546000;                                    | 454000;                     | 92000;   | 1 / 354110<br>7.1 / 23000<br>7.2 / 18000<br>7.3 / 4536<br>14.1 / 16700<br>14.2 / 4200<br>14.3 / 7600<br>14.13 / 22854<br>14.15 / 3000 | 1 / 52416<br>7.1 / 28000<br>7.3 / 11584 |
|      | <b>Objective V</b> : Analysis of structural identification and the practical (experimental) identification of some food industry wastewaters treatment parameters.  |              |  |  |  |                             |  |   |   |
|      | <b>Objective VI</b> : Studying and<br>implementing state estimators in<br>order to use them in control<br>algorithms for food industry<br>wastewater treatment; validation<br>on the pilot station in numerical<br>simulation regime. |              |  |  |  |                             |  |   |   |

| <b>Objective VII</b> : Studying and<br>elaborating advanced control laws<br>that could satisfy the legal<br>requirements; validation on the<br>pilot station in numerical<br>simulation regime.                                    |  |  |  |  |
|--|--|--|--|--|
| <b>Objective VIII</b> : Evaluating the qualitative indicators and establishing of the specific solutions for the different sources of food industry polluted water, which will be at the disposal of Romanian equipment producers. |  |  |  |  |
| <b>Objective IX</b> : Disseminating the final results:   |  |  |  |  |