

ANNEX 9

Activity domain of IMT

From the official point of view, **the activity domain of the institute** (named below IMT) is specified in the Decision of the Romanian Government (No. 998, from 2nd of August, 2006), as follows:

- a) advanced research in microsystems, such as experimental research, modeling and simulation, architectures for computational intelligence bio-inspired systems, biotechnical systems, nanotechnology, including specific materials, technologies and microstructures;
- b) cooperation in fundamental research in physics, chemistry and biology using microsystem techniques;
- c) precompetitive applied research in micro-engineering, such as micromechanics, microoptics, opto-electro-mechanical microsystems etc.;
- d) technological development in microfabrication, with applications in electronics, electrical engineering, optics, fine mechanics, spatial and nuclear techniques, biotechnologies etc.;
- e) precompetitive applied research in micro-technologies and microsystems;
- f) realization of experimental models, stands for testing and homologation, experimental equipments for characterization and fabrication of products in its field of activity, stands for demonstration;
- g) elaboration of studies and development of applied research directed to restructuring, retechnologization and modernization of certain economic sectors or companies.
- h) elaboration of strategies, studies for diagnosis and prospective studies related to the development of science and technology in its domain of activity;
- i) standardization, metrology, quality control.

The same document lists also the various kinds of activities complementary to research and development such as:

- technical assistance, consultancy, scientific and technological services (including information technology) for companies and other clients;
- cooperation in technical assistance and technological transfer for small and medium size enterprise;
- organization of scientific events;
- editing of scientific publications;
- product testing and certification;
- organization of intensive course of training;
- organization of postgraduate (e.g. M.Sc.) courses;
- small-scale fabrication.