

Another important activity in the country will be the Human Genome Project which will provide important information on the Filipino identity.

Stakeholders also cited the importance of resource-sharing among DOST-assisted research institutions and human resource development to achieve the goals of genomics research in the next seven years.

In nanotechnology, research activities will center on addressing the top ten problems of the world in the next 50 years, including energy, water, food, environment, and poverty, among others.

In the field of ICT and semiconductors, nanotechnology research will be geared toward building core facilities for nanometrology, solar cell testing, and failure analysis. Also set in the pipeline are nanomaterial samples preparation, chemical analysis and imaging, advanced materials, and high resolution characterization.

Nanotechnology studies with energy applications will focus on device structures, bulk heterojunction type solar cells, water-splitting photovoltaic system, and hydrogen fuel cells.

The stakeholders in this field also laid out plans to develop human resources, linkages, and marketing schemes of potential technologies to the industry. (Framelia V. Anonas, S&T Media Service)