

# **The economic and policy aspects of modern biotechnologies in selected developing and transition economies. (C07-le152039-Oral)**

## **Authors:**

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## **Abstract:**

Modern biotechnologies have substantial potential to enhance agricultural productivity in many developing countries, subject to the implementation of appropriate policies. Emerging and developing economies are quite heterogeneous in terms of their human and structural capacities to adopt and implement new technologies in their diverse farming sector. Moreover, the current mix of agriculture, trade, environment, and technology policies in many developing countries is often unclear, with weak or non-existent linkages between the sectors. Given these major constraints, finding the optimum policy mix and instruments is a formidable challenge for policy makers in developing and transition economies. Several countries in Africa, Asia, Eastern Europe and South America are, at this juncture, closely examining new agricultural technologies in the context of their specific farming systems. While many factors play a role in the adoption and proper application of new animal and crop biotechnologies, one of the most important factors' relates to the proper functioning of input and product markets.

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## **Presentation Information:**

Presentation Date: Wednesday, November 13, 2002

Presentation Time: 2:40 pm

## **Keywords:**

modern biotechnologies, productivity, policy mix, developing and

transition economies