Subregional Seminar on the Legal Protection of Biotechnology and Genetic Resources
Banska Bystrica, May 2 and 3, 2007

Charting Future Directions
Hans Georg Bartels
Overview

• Challenges

• Approaches
Challenges

• Fundamental human needs: health, food, environment
• Rapidly moving environment
• Bioethics implications
• Public interest
• Benefits and limitations of intellectual property
Approaches

- Outside intellectual property
- Inside intellectual property
- Policy space
Outside intellectual property

For example:

• Environment
• Biodiversity
• Health policy
• Ethics
• International and national action
Inside intellectual property

- Lessons from practical experiences
- Developments based on facts
- Benefits and limitations
- Particular role for stakeholders on their respective levels
- Intellectual property law:
  - international framework
  - national law
- Intellectual property practice
  - patent information
  - patent quality
  - training
- Intellectual property management
Focus: Patent Information and Quality

• Enhanced use of patent information
  – availability and quality of data
  – cooperation between offices
• Review of
  – searchable prior art
  – patent classification
  – search and examination guidelines
• Quality management systems,
  e.g.: PCT Quality Framework:
  Reporting on Quality Management Systems
• Training
• Support government policy related to
  – ownership and dissemination of technology
  – use and transfer of technology
  – research & development
Policy space

- Understanding patenting trends in the life sciences
- Increasing knowledge about, and trust in intellectual property protection
- Practical level
  - deployment of intellectual property in research and development and
  - effective access to innovation
- Normative, policy and standard setting level
- Innovation structures, e.g.:
  - intellectual property management
  - collaborative innovation
  - public private partnerships