

Interdisciplinary Study Group
„Gene Technology Report“



berlin-brandenburgische
AKADEMIE DER WISSENSCHAFTEN

Interdisciplinary Study Group
Gene Technology Report
“Gentechnologiebericht”

Berlin-Brandenburg Academy of Sciences and
Humanities

Berlin, July 2008

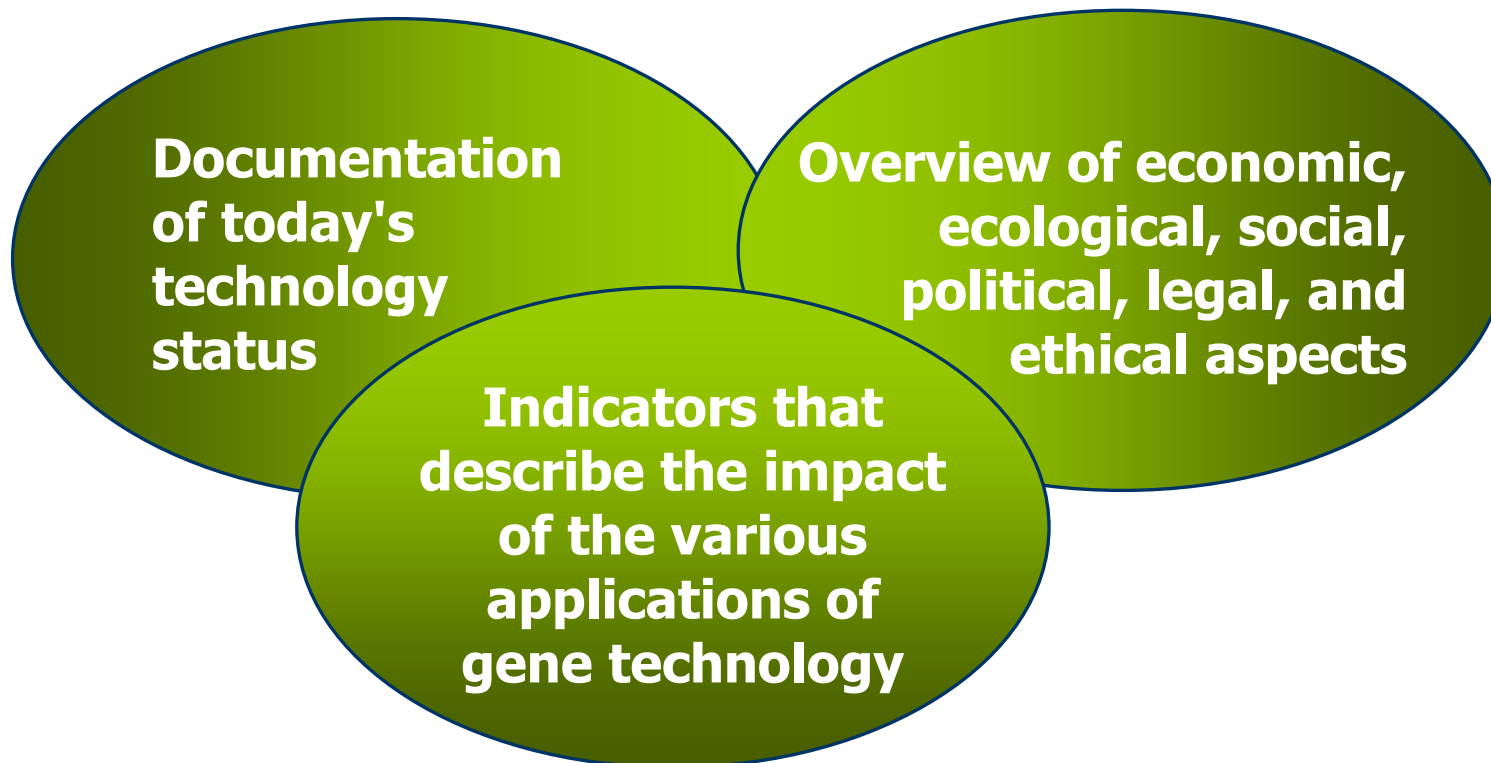
Basic data about the activity

- Project started in 2001.
- Duration: 2010; prolongation planned until 2018.
- The report aims at assessing the entire field of gene technology; unlike other technologies, gene technology affects the basic principles of life, human existence and the existence of all other organisms.
- The report carefully surveys present facts and latest developments in the field of gene technology and provides a critical study from an impartial viewpoint.



Basic data

- Long-term monitoring, includes:



Topics

- Basic Research
- Genetic Testing/ Diagnosis
- Stem Cell Research
- Gene Therapy
- GM Food/ GM Plants
- Genetic Engineering of Production Animals

Publications

First Gene Technology Report

- **Basic Research**
- **Genetic Diagnosis**
- **GM Plants und
GM Food**
- **Economic Aspects**
- **Start-ups**

(2005)

Interdisciplinary Study Group
„Gene Technology Report“



berlin-brandenburgische
AKADEMIE DER WISSENSCHAFTEN

➤ **Supplement
Stem Cell
Research**

(2006)

➤ **Supplement
GM Plants
and GM Food**

(2007)

➤ **Supplement
Genetic
Testing /
Diagnosis**

(2007)

➤ **Supplement
Gene Therapy**

(2008)

Planned publications

- **Second
Gene Technology
Report**

Several Topics

(2008)

- **Supplement
Stemcell
Research**

(2009)

Methodical Approach

- Objective: description and evaluation of chosen topics



- Definition of so-called „Problem Areas“;
Initial point: public dispute



- Problem Areas are analysed via indicators

Indicators

- They are the unique selling point of the „Gene Technology Report“.
- A set of several indicators enables the description of a complex issues.
- The adjustment of time series provides the basis for a long-term monitoring.

Members

Prof. Dr. **Ferdinand Hucho** – Biochemistry

Prof. Dr. Dr. **Kristian Köchy** – Philosophy

Prof. Dr. **Bernd Müller-Röber** – Plant Molecular Biology

Prof. Dr. **Karl Sperling** – Human Genetics

Prof. Dr. **Jens Reich** – Molecular Biology / Bioinformatics

Prof. Dr. **Hans-Jörg Rheinberger** – Science History

Prof. Dr. **Anna M. Wobus** – Stem Cell Research

Interdisciplinary Study Group
„Gene Technology Report“



berlin-brandenburgische
AKADEMIE DER WISSENSCHAFTEN

- Members of the study group are experts in different disciplines of gene technology; they observe the subject beyond their own specific disciplines as well.
- Acknowledged external experts are invited to contribute additional knowledge for further detailed considerations and studies.

Office and contact at the BBAW:

Dr. Mathias Boysen (Head)

Dr. Silke Domasch

Nicole Schulze

Angela Osterheider

www.gentechnologiebericht.de