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A Hypothetical Research & Development Chain

Non-commercial Research

Idea

Proposal

Public research funding €

PIC/ MAT

Field collections in provider country

COL-LECTIONS;

Typical non-commercial studies: Taxonomy & systematic, inventories, conservation biology, ecology, biogeography, pop.biology, functional & community ecology

MONETARY BENEFITS: Salaries, fees, research funding

NON – MONETARY BENEFITS Capacity building: Analysis techniques, training, infrastructure, technology transfer, social recognition

NETWORKING, COLLABORATION

COLLECTIONS

Lab User country: use of genetic resources

COL-LECTIONS;

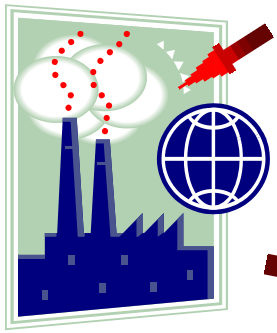
Access

Public/private research funding €

Public

Research & development

IPR



product

= check point

New idea

Domain

INFORMATION DATA BASES

Publication

Publication

Publication

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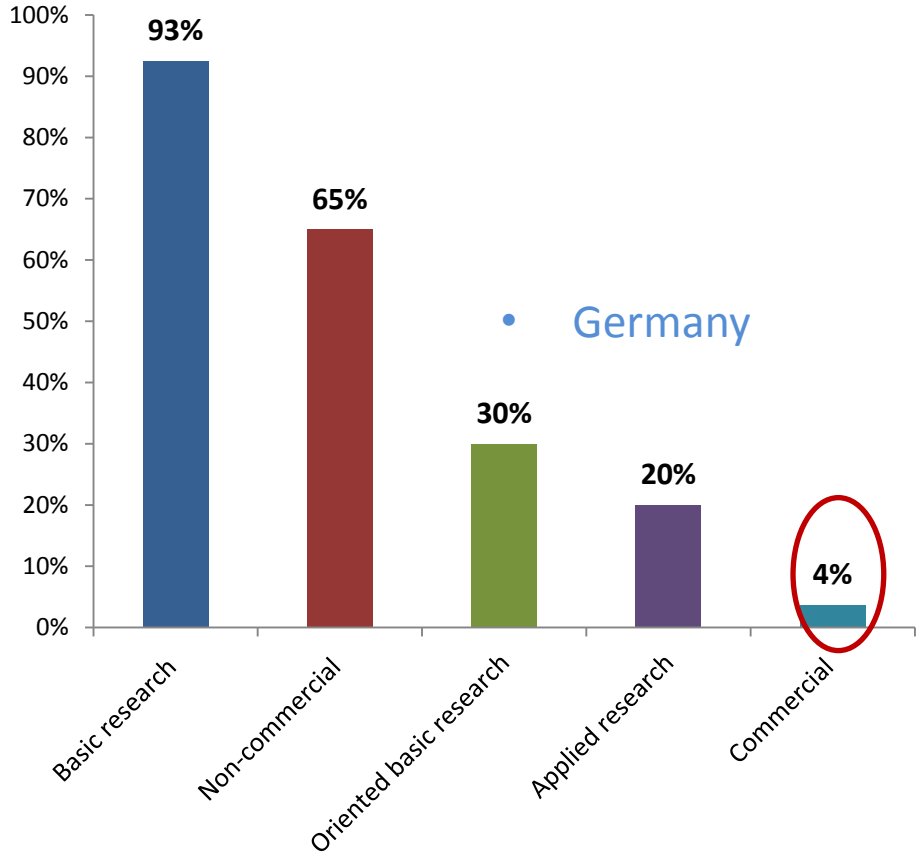
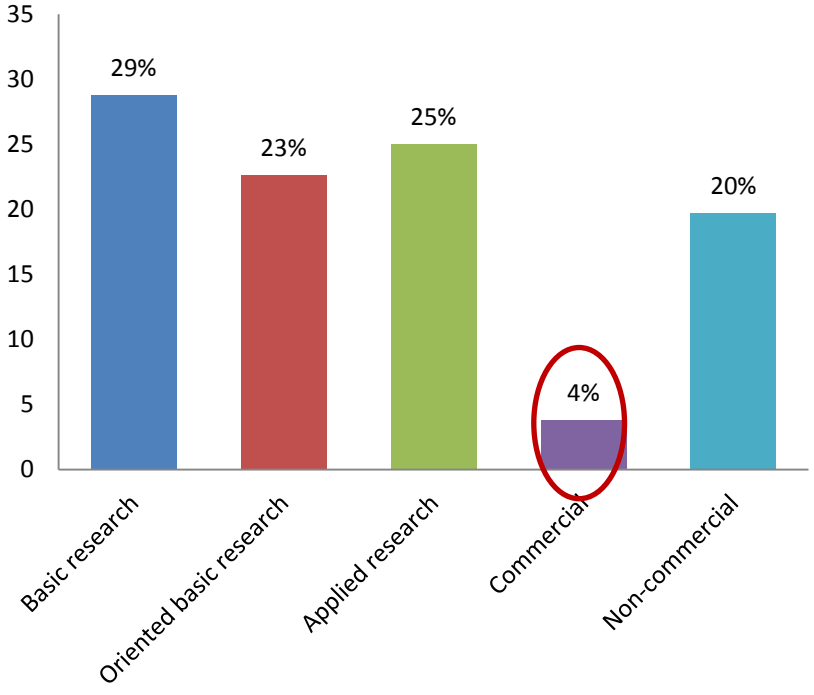
How do you classify your research?



• Germany

• International



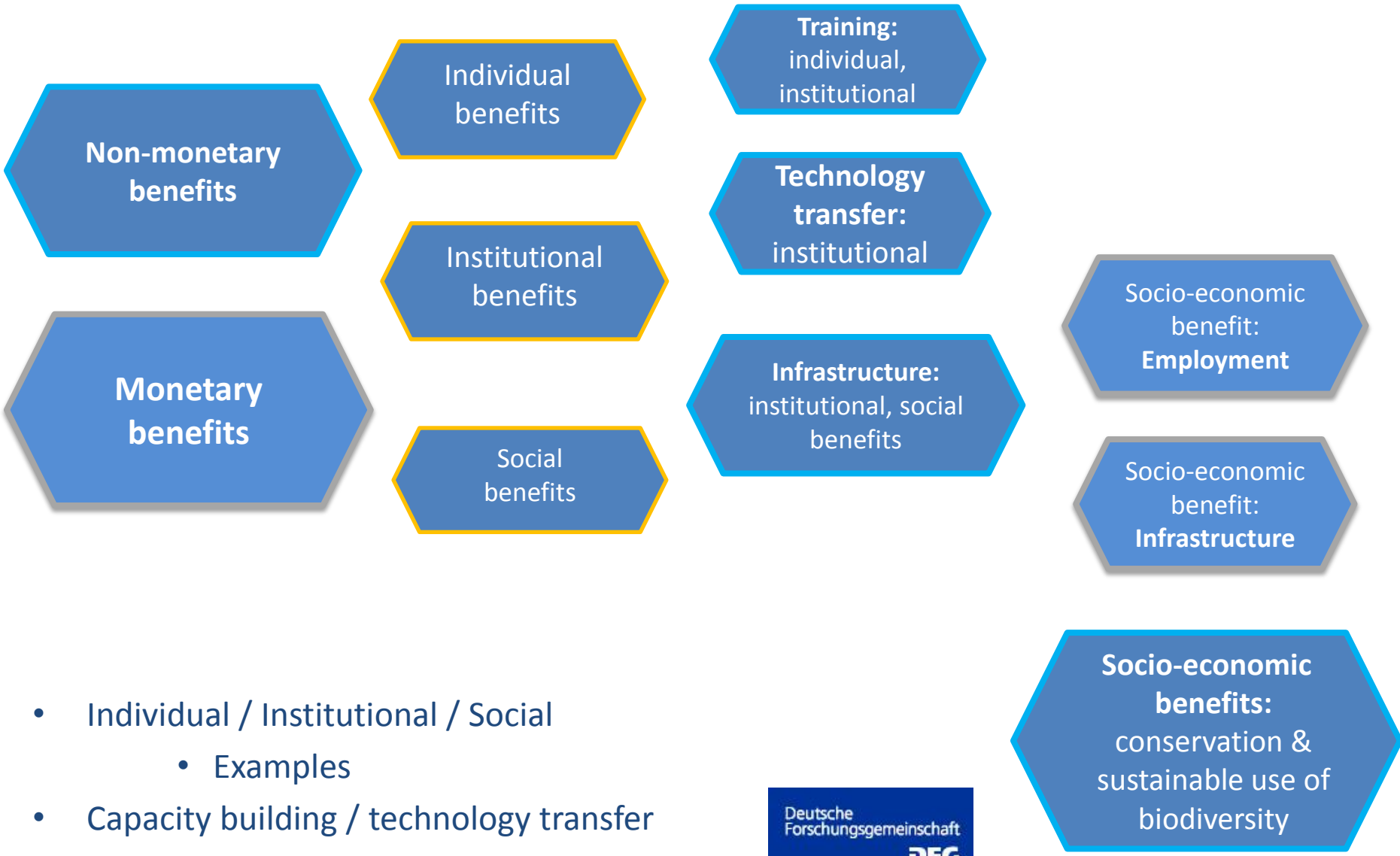
Non-commercial (basic) Research:

- Testing hypothesis, theories or laws
- No particular application or use in view
- Scientist have some freedom to set their own goals
- Results are published in a scientific journal.

Applied &(commercial)* Research:

- Original investigation to acquire new knowledge.
- Directed primarily towards a specific practical aim or objective, and can (but not necessarily does) lead to a patent.

Benefits & benefit sharing



- Individual / Institutional / Social
    - Examples
- Capacity building / technology transfer

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Summary of benefits

- Capacity building = 55%
- Technology transfer = 30%
- Infrastructure = 23%
- Local employment = 66%
- Socio-economic benefits = 50%
- Conservation & sustainable use = 72%
  - (> 35% of all cases)

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