

CARDS 2003

Intellectual Property Infrastructure for the Research and Development Sector

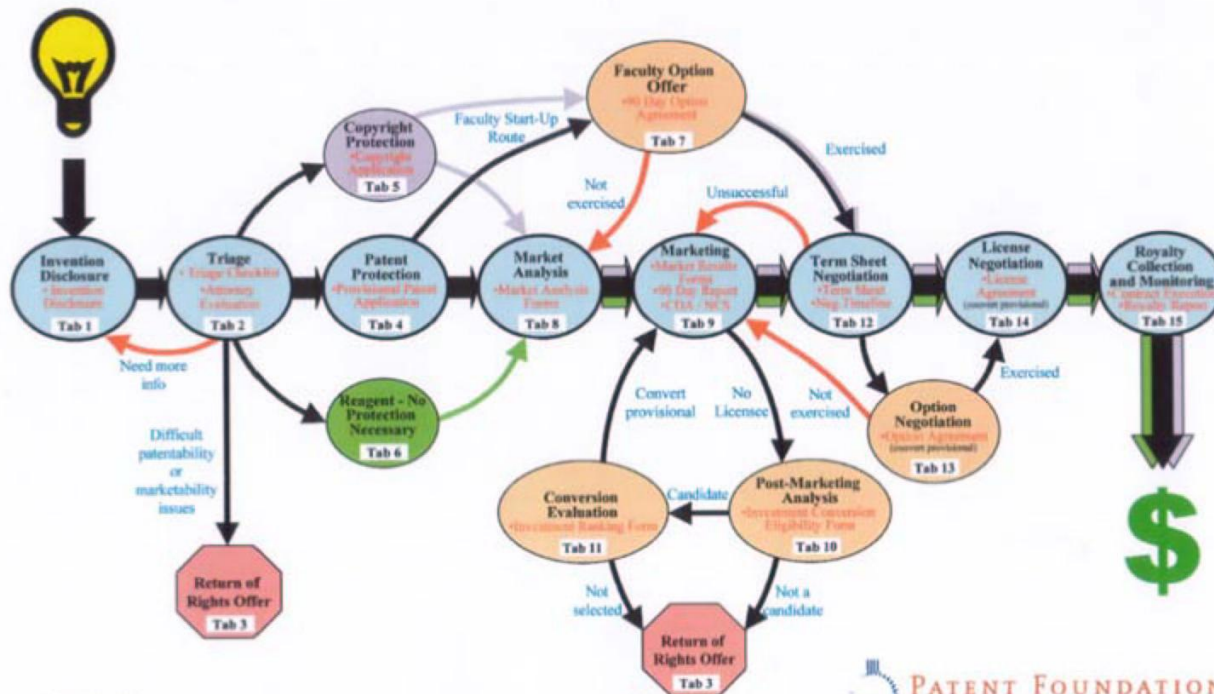
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Technology transfer – why is it important ?

The Patent Foundation Technology Transfer Process



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PATENT FOUNDATION
UNIVERSITY OF VIRGINIA



Technology transfer – why is it important ?

significant income can be generated from IPR for stakeholders though the following channels:

- royalties and fees from licensed IPRs based on staff innovations and inventions;
- consultancy services;
- research contracts;
- sponsored research;
- university owned companies and joint ventures.

Technology transfer – why is it important ?

The opportunity to exploit IPR generated by Research Institutes and universities is increasingly seen as a way to:

- attract and retain highly qualified and motivated staff
- improve the contribution to National economic development
- generate revenue stream
- maintain and improve infrastructure and facilities for R&D.

Technology transfer – who benefits ?

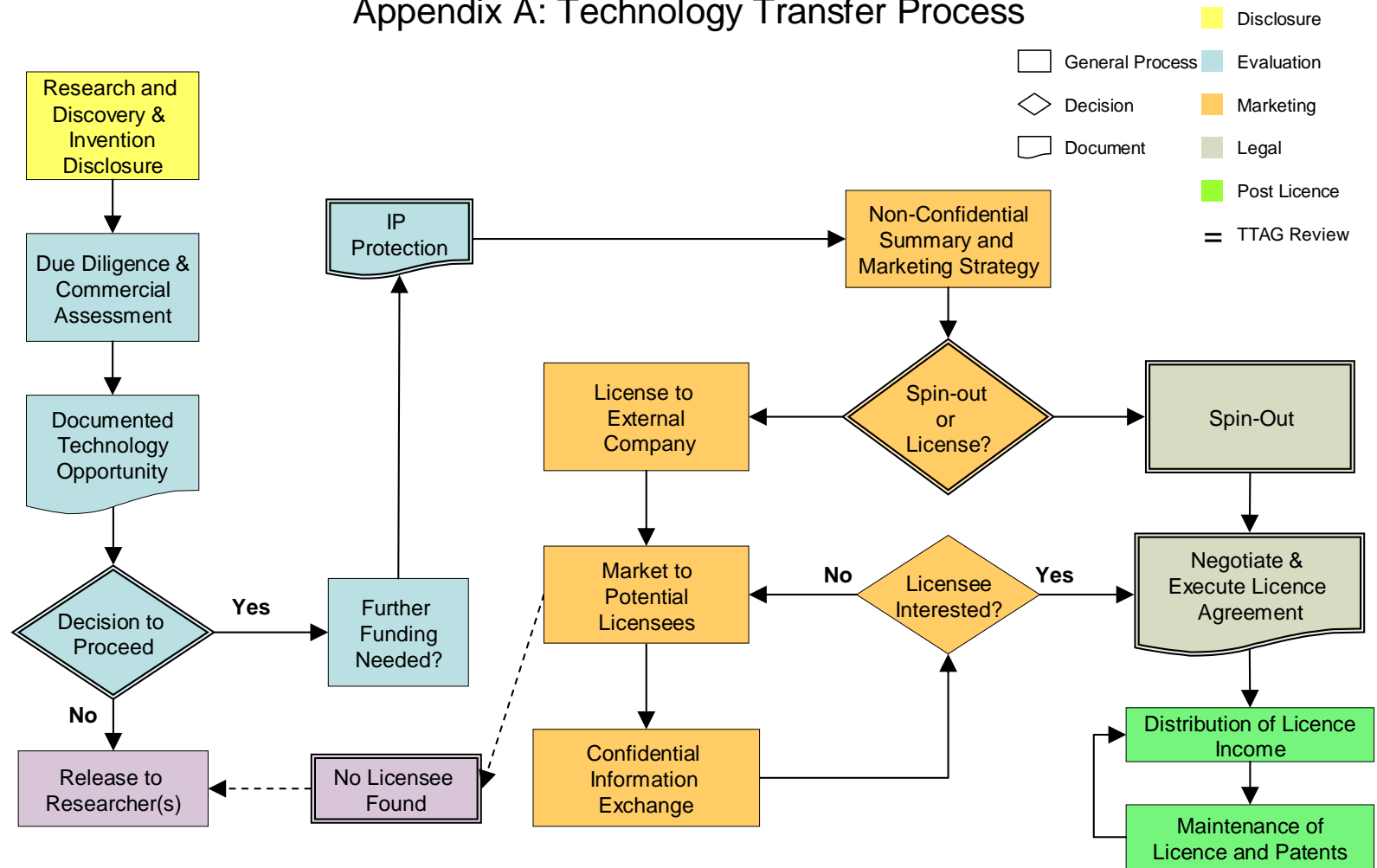
Internal stakeholders:

- the universities / R&D institution
- researchers and inventors
- inventors' research groups and departments
- research assistants
- students
- postgraduate and postdoctoral fellows

External stakeholders:

- guest researchers
- sponsors
- technology transfer units
- national patent offices
- Government
- Public

Appendix A: Technology Transfer Process





IP MANUAL:

- Ch 1: Formulating and Delivering an IP Policy
- Ch 2: Laboratory Best Practice
- Ch 3: Definitions of IP
- Ch 4: Identifying and monitoring latent and new IP
- Ch 5: The Process of Disclosure
- Ch 6: Intellectual Property Assessment and Evaluation
- Ch 7: The Process of Protection – selection and delivery
- Ch 8: Intellectual Property Valuation

IP MANUAL:

- Ch 9: Marketing Intellectual Property
- Ch 10: Selling and Licensing Patents
- Ch 11: Models and Revenue Sharing
- Ch 12: Models of Spinout Formation and Equity Sharing
- Ch 13: Strategic management of IP



The key to exploitation: Intellectual Property Policy (IPP)

An Intellectual Property Policy should help to achieve the following objectives:

- Public Benefit
- Protection of Academic Freedom
- Fair Distribution
- Timely and Efficient Technology and Knowledge Transfer
- Promotion not inhibition
- Establish standards
- Promote mutually beneficial rewards
- Compliance with applicable laws and regulations
- Ensure awareness of differing IP systems
- Conflict Resolution

Reality of Technology
Transfer:
People, Relationships and
Partnership.





New projects from EU funds

IPA – Regional competitiveness

- **Technology transfer and support services for knowledge-based start-ups**

– 14 Mil EUR



New projects from EU funds

Operation 1

Science and Innovation Investment Fund

technical assistance -1,5 mil EUR

grant scheme – 4,5 mil EUR

Operation 2

BioCenter

preselected investment of national
importance

Grant scheme (4,5 mil EUR):

Activities:

1. Development of infrastuctural capacities in HEI and PRO to interact with business (establishing new and supporting existing TTO and KTO)
2. Commercialization activities (patenting and technology screening, proof of concept development)
3. Enhancing science-industry cooperation
4. Effective networking

first call – expected – 1. January 2009.



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