



UNIVERSITÀ
DI TRENTO

Basics in Intellectual Property and Knowledge transfer

10 maggio 2018



- What is technology transfer?
- why does a university transfer technology?
- How can you be involved in technology transfer?
- What is a patent?



Technology transfer is a flux of technology and knowledge from public and private research bodies to industry structured in a specific time and a specific channel

Transition from a manufacturing society to a knowledge based society



Education

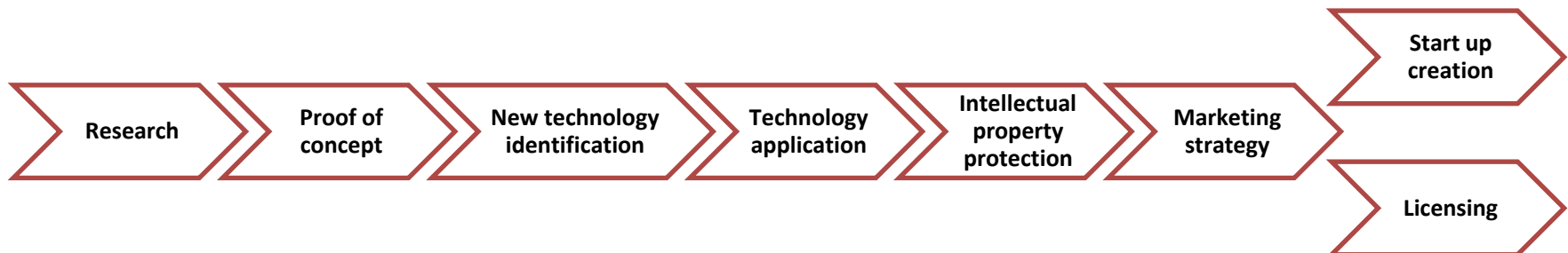
Research

Third
mission

Scientific
entrepreneurship
Contract research
Technology licensing
Conferences



A technology transfer office is normally in charge of supporting the following process:





- Ownership of the inventor (i.e. Italy, Sweden), because the inventor is important
- Ownership of the institution (i.e. USA, Germany), because the intellectual and logistic ecosystem is important



The everyday situation is a mixed model



Ownership

Inventorship

Patentability

Application

Exploitation plan



- Technical solution to a technical problem
 - Novelty
 - Inventive step
 - Industriability



Technology disclosure

Patent committee

Italian patent application

PCT procedure

National phase



Commission Regulation(EC) No. 772/2004 of 27 April 2004 on the application of Article 81(3) of the Treaty to categories of technology transfer agreements:

- patent licensing,
- know-how licensing,
- Software copyright licensing

or a combination thereof where part of the risk associated with the exploitation of the technology remains with the assignor, in particular where the sum payable in consideration of the assignment is dependent on the turnover obtained by the assignee in respect of products produced with the assigned technology, the quantity of such products produced or the number of operations carried out employing the technology;

Most applied contracts:

- transfer/licensing contracts,
- material transfer agreements
- non disclosure agreements



- Lump sum and royalties
- Know how, patent application, patent
- Duration
- Market
- Countries



- Tangible materials
- Duration
- Research results ownership



- Confidential information
- Duration
- One way or two way