



# Technology Transfer

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**WP 7.3**

# Report on TT and Intellectual property management



- The definition of the organization and the procedures to be set up, as well as the tools and the resources to be procured for implementing such an approach during the ET construction and operation phases
- The deliverable of this task is the "Report on TT and Intellectual property management" (M44)
- <https://docs.google.com/document/d/1S8uTarITmyifejgof5fDMkkw2N6jwUg1/edit?usp=sharing&oid=111503857724043238093&rtpof=true&sd=true>

# M44 Table of contents

## 1. Introduction about general goals of TT

## 2. Overview on Intellectual Property Management

1. Set of definitions
2. Ownership of IPRs
3. Access Rights
4. Confidentiality obligations

## 3. The organization of the Technology and Knowledge transfer in ET

- a. Activities, Tools and Resources for the Construction (C) and Operation (O) phases
- b. Coordination of Research Institutes - Knowledge Transfer Offices (KTOs)
- c. Comparison of research organization vs big science experiments and instruments in terms of organization of the human resources
- d. Comparison of research organization vs big science experiments and instruments in terms of strategy
- e. Forecast for ET KTT activities on the basis of Advanced LIGO's data
- f. Conclusions

## 4. Procedures and templates

1. Patenting
2. Collaboration Agreement
3. Non Disclosure Agreement (NDA)
4. Co-ownership Agreement
5. IP in Procurement

## Annexes

- Annex 1 - Declaration of Background  
Annex 2 - Communication of Invention  
Annex 3 - Non Disclosure Agreement

# the support we can provide to technology transfer initiatives



## Protect the Innovation

- Patentability assessment
- Patent (or other IPRs) strategy

## Foster public-private cooperation

- Identify potential licensee companies interested in a pilot and/or a tech transfer agreement
- Secure the IPRs of each stakeholder

## Identify Market Opportunities

- Support research teams interested in *Spin off* creation
- Define the proper business model by means of searching for industrial applications where innovative solutions can succeed and quantify it

# Tech exploitation strategies



## Tailormade service

Offer the technology as a service with tailormade sizes and especially targeting end users. This would also allow to become an after-sales service provider.



## Patent / know-how License agreement

Licensing the technology to a big player in the market, retaining the ownership of the technology, while giving the licensee the permission to commercialize the technology for a compensation



## Spin-off creation

Consider the creation of a spin-off to manufacture and market complete systems or specific pieces related to the invention.

**A deep study and the use of a specific market report allows to find the optimal exploitation strategy**

# Innovation potential study



## Inventive Step Analysis

Determining if the innovation is non-obvious and represents a significant improvement over existing solutions.

## Novelty Assessment

Identifying whether the innovation is new and has not been disclosed or implemented in prior art.



## Patent Landscape Review

Examining existing patents and IP rights to identify competitors or potential licensees

## IP Strategy Development

Exploring the best protection mechanisms, such as patents, utility model, trademarks, or trade secrets, to safeguard the innovation's unique value.



## Commercialization Potential

Evaluating how the IP uniqueness matches the market trends and needs in order to identify and quantify market segments and technological applications

# Specific Market Trends and Opportunities



Use of public and private patent databases for:

- Tracking technological trends
- Analyzing competitors' R&D
- Identifying market gaps
- Mapping intellectual property landscapes.
- Forecasting opportunities & guiding strategic investments

# Conclusion

- A first case study is going to be completed and a report on that should be available by next month.
- There is the possibility to support other technologies/case studies and we are conducting scouting.
- The Report on TT and Intellectual property management can be consulted at  
<https://docs.google.com/document/d/1S8uTarITmyifejgof5fDMkkw2N6jwUg1/edit?usp=sharing&oid=111503857724043238093&rtpof=true&sd=true>