

Assessing Copyright and Related Rights Systems

Research on Copyright-related Topics

Report on Piloting in Finland





Assessing Copyright and Related Rights Systems: Research on Copyright-related Topics. Report on Piloting in Finland.

This report is the result of the first pilot study implementing Description Sheet 15 – *Research on Copyright-related Topics*, one of the 37 indicators constituting a methodology framework for assessing the operation of national copyright and related rights systems. The methodology framework has been developed at the Foundation for cultural policy research (Cupore) in Finland as part of a project financed by the Finnish Ministry of Education and Culture. The pilot study was conducted by Jukka Kortelainen, student at the Faculty of Social sciences at the University of Jyväskylä, between September and December 2013. The work was supervised by Professor Anita Kangas (University of Jyväskylä), the steering group of the project, as well as the core project team. The results were first published in February 2014 on the website of Cupore.

A handbook presenting the methodology framework is available on the website of Cupore at www.cupore.fi.

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Executive summary

This document presents data collected in application of a methodology framework to assess the operation of copyright and related rights systems. More precisely, the information and analysis below correspond to Description Sheet 15 presented in the methodology handbook, titled “Research on Copyright-related Topics”. The report presents universities, research institutes and networks directly involved in copyright-related research in Finland. The data was collected by analyzing websites of university faculties, schools and departments of law and business. In addition, websites of the departments in other faculties or schools that have published doctoral dissertations or licentiate theses during the time interval of 1999-2013 or are currently conducting separately funded copyright-related research projects were examined.

The IPR University Center, established in 2000, is a joint institute of four Finnish universities: Aalto University, the Hanken School of Economics, the University of Turku and the University of Helsinki. The main purpose of the IPR University Center is to coordinate and support intellectual property related research and education in Finland.

Two projects focusing on copyright are ongoing at the Faculty of Law at the University of Helsinki and one project including copyright-related research area at the Faculty of Law at the University of Turku. The research areas of the projects cover copyright and new technologies, governance of intellectual property in China and Finland, and mechanisms to reconcile economic and non-economic values in international, EU and national economic law decision-making. The Faculty of Law at the University of Lapland and the Law School at the University of Eastern Finland have also been involved in copyright-related research projects in recent years. The research project at the University of Lapland has focused on developing intellectual property related expertise and services in creative industries in Lapland and the project at the University of Eastern Finland on intellectual property rights in open business models

Two projects including copyright-related research areas are ongoing at the Department of Accounting and Commercial Law at Hanken School of Economics: (1) “*TransSIP*” focusing on governance of intellectual property in China and Finland as well as (2) “*PatLim*” focusing on inner and outer limits of patent protection. Open business models, Open Innovation, Open Data and/or Open Source are included in the research areas at the School of Business at the Lappeenranta University of Technology, Department of Information and Service Economy at the Aalto University School of Business, Department of Management and Organization at Hanken School of Economics, Department of Industrial Management at the Tampere University of Technology and VTT Technical Research Centre of Finland. Copyright-related research focus areas are part of the the disciplines of “*ICT-law*” and “*Business Law*” in the universities of Turku and Vaasa.

Research concerning digital rights management is conducted at the Faculty of Information Technology at the University of Jyväskylä. A project focusing on copyright protection mechanisms is ongoing at the faculty at the moment. A “*Digital Content Communities*” research group at the Helsinki Institute for Information Technology (HIIT) has been part of the copyright-related projects in the past and the group is part of the ongoing “*PatLim*” project together with Hanken School of Economics. The Department of Computer Science and Engineering at the Aalto University School of Science has a “*Technology Law*” research group with copyright-related issues as research focus areas. A research project on media regulation at the Department of Social Research at the University of Helsinki includes four case studies including copyright.

The Foundation for Cultural Policy Research (Cupore) and the Copyright institute of the Finnish Copyright Society conduct copyright-related research outside the universities. The project “*Assessing the Copyright and Related Rights Systems*” is currently ongoing at Cupore. The Finnish Copyright Society has published copyright-related studies and reports since 1993.

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Introduction

A. CONTEXT OF THE PILOT STUDY

A methodology framework for assessing the operation of national copyright and related rights systems has been developed at the Foundation for cultural policy research (Cupore) in Finland. It is a collection of tools for achieving a systematic assessment of the functioning, performance and balanced operation of national copyright and related rights systems.

In the methodology, the assessment of the copyright and related rights system is determined through a framework consisting of so-called description sheets and methodology cards. The description sheets constitute guidelines to produce a comprehensive presentation and description of a country's copyright and related rights system and its operating environment. The methodology cards propose the collection of specific sets of data, either quantitative, descriptive or qualitative, that will be used as indicators of the functioning, performance and balanced operation of the system. Description sheets and methodology cards are accompanied by detailed information on the data to be collected, as well as analysis guidelines that will help connect them to each other.

The methodology framework is envisaged to be continuously improved through application feedbacks. For more information, see the Cupore website, www.cupore.fi/copyright.php.

This report presents data collected in application of Description sheet 15 of the methodology framework, titled "*Research on copyright-related topics*". It is the result of the first pilot study applying this indicator in Finland.¹

This study was conducted by Jukka Kortelainen (student at the Faculty of Social sciences at the University of Jyväskylä) between September and December 2013, and commissioned by the Foundation for Cultural Policy Research. The work was supervised by Professor Anita Kangas, University of Jyväskylä, the steering group of the project, as well as the core project team.

B. PRESENTATION OF THE INDICATOR

The indicator implemented here is intended to describe in details one of the copyright system's elements. It is part of the second pillar of the methodology framework, "Functioning and performance of the elements of the copyright system", and its fourth area, "Dissemination of knowledge". It is a description sheet which presents the research on copyright and related rights, in order to support the analysis of the operation of the national copyright and related rights system.

As explained in the methodology handbook, the amount of research on copyright conducted in universities and research institutes gives an indication of the general awareness and knowledge on copyright issues. Mapping all the research conducted in a country on copyright-related issues is likely to be difficult. These institutions are most likely to conduct impartial research, as opposed to research conducted by private or commercial organizations. Therefore the assessment here focuses on these institutions only.

Description sheet 15 – *Research on copyright-related topics* suggests to list the relevant university faculties or schools and research institutes with information on their main areas of expertise or main objectives. This information can be complemented with descriptive information on the main sources of

¹ The study was conducted based on the draft version of the Methodology Handbook, dated 19.7.2012. This report is modified from the original report to better correspond to the version of the Methodology Handbook dated 20.12.2013.

financing for the university or the research institute as a whole. In addition, the main objectives of the relevant research groups and research networks are proposed to be listed. The description sheet also covers the research programs and projects on copyright-related topics in universities and research institutes, with information on their main objectives. The description sheet is connected to the *Methodology Card 12 – Copyright-related research and study programs in universities and research institutes*. This description sheet focuses on descriptive information concerning the research conducted at universities and research institutes, whereas the Methodology card 12 covers issues related to the amount of copyright-related research.

A description sheet presenting the indicator can be found in Appendix A of this report.

C. METHODS

The information collected for this indicator was found through official information sources and the Internet. The data was collected as a desktop study and complemented by expert interviews.

Lists of national information sources used for this report and the parties consulted during the research can be found in the Appendices.

The information presented in this report was collected simultaneously with the information presented in the pilot report on *Methodology card 12 – Copyright-related study and research programs in universities and research institutes*.

Results

This chapter presents universities and research institutes involved in copyright-related research in Finland. The “research”-sections on the websites² of the university faculties, schools or departments of law, business and other disciplines³ were analyzed for copyright-related research focus areas, research groups and ongoing or finished separately funded copyright-related research projects. All project descriptions were not analyzed because of the high number of projects listed on the websites. Instead, the titles of the projects were analyzed for topics including potential copyright-related research areas and descriptions of these projects were further searched for the specific keywords⁴. The projects found are presented in this report.

When copyright-related research groups were found but not all the information necessary for this study was available online, researchers of the groups were interviewed in order to get a better understanding of the ongoing copyright-related research. This study focuses only on those faculties, schools and research institutes found using the methods described above and does not provide information on all copyright-related research projects ongoing in Finland. However, it can be assumed that the most relevant actors in the field of copyright-related research are covered in the following paragraphs.

A. IPR UNIVERSITY CENTER

The IPR University Center was established in 1.1.2000 by the University of Helsinki, the University of Turku, the Hanken School of Economics, the Helsinki University of Technology and the Helsinki School of Economics⁵. The aim of the center is to coordinate and support intellectual property related research

² Publications and researcher biographies or separate websites/databases including information on completed projects were not analyzed. These sources are likely to include information on finished copyright-related projects that were not included in the scope of this study.

³ Other analyzed units include departments that have published copyright-related doctoral dissertations or licentiate theses in the time interval of 1999-2013 or are at the moment involved in separately funded copyright-related research projects. The data concerning copyright-related theses was collected in connection with the piloting of the Methodology Card 12 – *Copyright-related research and study programs in universities and research institutes*. Separate research institutes operating in connection with faculties, schools or departments were analyzed only when they were presented as their own areas on the websites or links to the websites of the institutes were provided in the main menus of the “research”-sections.

The websites of the following faculties, schools or departments were analyzed (the list also indicates the organizational level – faculty, school, department – which was the subject of analysis): Aalto University – Department of Communications and Networking, Aalto University – Department of Computer Science and Engineering, Aalto University School of Business, Hanken School of Economics, Lappeenranta University of Technology – School of Business, Tampere University of Technology – Department of Industrial Management, University of Eastern Finland – Business School, University of Eastern Finland – Law School, University of Helsinki – Department of Political and Economic Studies – Disciplines of “Economics” and “Economic and Social History”, University of Helsinki - Department of Social Research – Discipline of Communication, University of Helsinki – Faculty of Law, University of Jyväskylä – Department of Communication, University of Jyväskylä – Department of Social Sciences and Philosophy, University of Jyväskylä – School of Business and Economics, University of Jyväskylä – Faculty of Information Technology, University of Lapland – Faculty of Law, University of Lapland – Faculty of Social Sciences – Disciplines of “Management” and “Public Law”, University of Oulu – Business School, University of Oulu – Department of Electrical and Information Engineering, University of Tampere – School of Management, University of Turku – Department of Information technology, University of Turku – Faculty of Law, University of Turku – School of Economics, University of Vaasa – Department of Public Law, University of Vaasa – Faculty of Business Studies, Åbo Akademi University – Department of Law, Åbo Akademi University – School of Business and Economics.

In addition to the analyzed research institutes operating in connection with the faculties, schools and departments mentioned above, the websites of the following research institutes were analyzed: Helsinki Institute for Information Technology (HIIT), Cultural Foundation for Cultural Policy Research (Cupore), Copyright Institute of the Copyright Society and VTT Technical Research Centre of Finland.

⁴ The “research”-sections of the faculties’, schools’ and departments’ websites were analyzed for keywords “copyright”, “intellectual property”, “IPR” and “digital rights Management”, “DRM”, “Open Content”, “Open Source”, “Open Data”. Projects that were focusing on Open Innovation or intellectual capital were not included into the definition of “copyright-related”, although they may involve copyright-related research areas. However, projects focusing on these issues are presented if they included the “copyright-related” keywords mentioned above.

⁵ Currently the Helsinki University of Technology and the Helsinki School of Economics are part of the Aalto University.

and education⁶ in Finland. The center publishes IPRinfo magazine⁷, books, researches, guides, articles, and news. The center hosts and updates database of court decisions for researchers and provides free advisory service on information retrieval. In addition, the center offers researchers opportunities for international cooperation by arranging research exchange, conferences and other forms of cooperation.⁸ During the years 2007-2011 the center coordinated a graduate school “*Innovation Incentives and the Regulatory Infrastructure (INNOCENT)*” focusing on intellectual property rights. The graduate school included five doctoral student positions and the doctoral dissertations of all the students are focusing on intellectual property rights.⁹ The University of Helsinki received funding from the Academy of Finland for the years 2012-2015 for a joint doctoral program “*IPRs in Business and Technology*” coordinated by the IPR University Center in cooperation with the German Research Training Group “*Intellectual Property and the Public Domain*”¹⁰.

B. AALTO UNIVERSITY SCHOOL OF BUSINESS – DEPARTMENT OF INFORMATION AND SERVICE ECONOMY

The discipline of Information Systems Science at the Department of Information and Service Economy at the Aalto University School of Business includes a research focus area “*Open Data and Open Source Business Models*”. The department is part of a multidisciplinary research network “*Open Service Innovation Observatory*” including several departments of the Aalto University. The research group is focusing on “*different aspects of open source, open data, open standards and open access. Current areas of interest include: setting the ground for academic research on open data; open data business models; similarities between open data and open source research; open data licensing schemes*”.¹¹ The Aalto University School of Business received funding from the Academy of Finland in targeted call for research on intellectual property issues for the time period of 2001-2004¹².

C. AALTO UNIVERSITY SCHOOL OF SCIENCE – DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science and Engineering at the Aalto University School of Science includes a “*Technology Law Research Group*”¹³. The “*Technology Law Group performs research related to various aspects of intellectual property rights (copyright, patents, design right etc.), privacy, competition law and consumer protection in internet environment.*” At the moment the group does not have any separately funded ongoing copyright-related projects.^{14 15}

⁶ For information on education provided by the IPR University Center, see the pilot reports of Description Sheet 14 – Copyright-related Education and Methodology Card 11 – Copyright-related education as part of the education of professionals for creative industries.

⁷ The magazine includes articles, book reviews, news from conferences, and interviews related to intellectual property rights. The IPRinfo is published five times a year.

⁸ Source: The website of the IPR University Center, available in English at http://www.iprinfo.com/ipr-university-center/en_GB/ipr-university-center_1/. Visited on 4.11.2013.

⁹ See the website of “INNOCENT” in English at http://www.iprinfo.com/tutkimus/innocent/en_GB/innocent/. Visited on 4.11.2013.

¹⁰ See description of the doctoral program in English at http://webfocus.aka.fi/ibi_apps/WFServlet?IBIF_ex=x_HakKuvaus&CLICKED_ON=&HAKNRO1=255453&UILANG=en. Visited on 8.12.2013.

¹¹ See description of the research group on the website of discipline of Information Systems Science, available in English at <http://information.aalto.fi/en/research/issres/>. Visited on 17.11.2013.

¹² The project was titled “The Economic Dimensions of Intellectual Property” (translation by the researcher, original title in Finnish: “Immateriaalioikeuden taloudelliset ulottuvuudet”). See the page 11 of the report on the targeted call in Finnish at http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/4_06%20Immateriaali.pdf. Visited on 29.11.2013.

¹³ See website of the research group in English at <https://cse.aalto.fi/research/groups/technology-law/>. Visited on 23.10.2013.

¹⁴ However, the group has been planning research concerning copyright issues. The information was provided by the group’s researchers Juha Laine (consulted by phone on 26.9.2013) and Ville Oksanen (consulted by phone on 2.10.2013).

D. COPYRIGHT INSTITUTE OF THE FINNISH COPYRIGHT SOCIETY

The Finnish Copyright Society, established in 1965, is a discussion forum for lawyers and other experts in the field of copyright. The purpose of the association is to promote development of national and international copyright law and increase general awareness of copyright issues.¹⁶ The Copyright Institute was established in connection with the Copyright Society in 1991. The institute publishes copyright-related studies and reports, as well as upkeeps copyright-related library and information center. During the time interval of 1993-2013, the institute has published 30 studies or reports concerning copyright-related issues¹⁷.

E. CUPORE – FOUNDATION FOR CULTURAL POLICY RESEARCH

The Foundation for Cultural Policy Research (Cupore) is a research institute founded in 2002 on the initiative of the University of Jyväskylä and the Finnish Cultural Foundation. *“The Ministry of Education and Culture was one of the initiators behind the establishment of the Foundation and is responsible for the financing of its research projects. The purpose of the Foundation is to monitor developments in both Finnish and international cultural policy and to promote research in the field.”*¹⁸ At the moment, the project of *“Assessing the Operation of Copyright and Related Rights Systems”* is ongoing at the foundation. The project started in May 2009 and is financed by the Finnish Ministry of Education and Culture. The estimated share of copyright-related issues in the project is 100%¹⁹: *“The objective of the project is to form a set of evaluation methods for the formulation of copyright and related rights policies and strategies, and for developing copyright and related rights system on the national and international level. The assessment framework consists of relevant key indicators that help in recognizing trends and good practices. The assessment of the operation of the copyright system increases transparency and brings about new possibilities for stakeholders to discuss the copyright policy. The aim is to establish a framework for international use.”*²⁰

F. HANKEN SCHOOL OF ECONOMICS – DEPARTMENT OF ACCOUNTING AND COMMERCIAL LAW

The Department of Accounting and Commercial Law at the Hanken School of Economics includes two ongoing intellectual property related projects funded by the Academy of Finland:

(1) *“Legal Transplant for Innovation and Creativity: A Sino-Finnish Comparative Study on Governance of Intellectual Property Rights (TransIP)”* is carried out in cooperation with the Faculty of Law at the University of Helsinki in 2013-2015. The estimated share of copyright-related issues in the project is between 70 % and 80 %²¹ : *“At the core of the project is the interaction between Chinese intellectual property (IP) law and social change - how IP laws foster innovation and creativity. Chinese IP law is going through a transformation due to international conventions, which are based on Anglo- European IP norms. It is well known that legal transplants create a tension in the legal system, and such transplants*

¹⁵ In addition, the department includes a Software Business and Engineering Institute (SoberIT). The research areas of the institute include “legal and contractual issues” related to software business. See website of the institute in English at <http://www.soberit.hut.fi/english/>. Visited on 4.11.2013.

¹⁶ See website of the Finnish Copyright Society in Finnish at <http://www.copyrightsociety.fi/index.php?id=4>. Visited on 21.11.2013.

¹⁷ See the publications-series in Finnish at <http://www.copyrightsociety.fi/index.php?id=104>. Visited on 21.11.2013.

¹⁸ See full description of the foundation in English at <http://www.cupore.fi/foundation.php>. Visited on 4.11.2013.

¹⁹ Information was provided by Tiina Kautio, coordinator of the project (consulted on 4.11.2013 and 6.11.2013).

²⁰ See full description of the project in English at <http://www.cupore.fi/copyright.php>. Visited on 4.11.2013.

²¹ Information was provided by Professor Niklas Bruun, researcher in the project at the Hanken School of Economics (face-to-face interview on 7.11.2013).

may work differently than in the source country. Therefore this process needs to be critically analyzed from the perspective of comparative law. The recent proposal to adopt a Nordic model of extended collective licensing (ECL) into Chinese copyright law as well as implementation of international IP norms concerning enforcement enshrined in the trade agreements into local IP laws are two good examples to start".²²

(2) "The Inner and Outer Limits of Patent Protection (PatLim)" is carried out in cooperation with the Helsinki Institute for Information Technology HIIT. The project is focusing on patent right, but copyright-related issues of computer programs and databases are part of the study as well. The estimated share of copyright-related issues in the project is 10%²³: "PatLim covers a broad range of issues spanning from the initial filing of the patent applications and going all the way to the enforcement phase. Accordingly, a clear distinction should to be made between the acquisition of a patent right (the inner limits of patent protection) and the way it is used (the outer limits of patent protection). Specifically, issues relating to patentable subject matter, novelty, inventive step, and disclosure can be considered "inner limits", while patent flooding, hold-up problems, royalty stacking, enforcement and licensing concerns define the "outer limits" of (software) patent protection"²⁴

The Hanken School of Economics received funding from the Academy of Finland in targeted call for research on intellectual property issues for the time period of 2001-2004.²⁵

G. HANKEN SCHOOL OF ECONOMICS – DEPARTMENT OF MANAGEMENT AND ORGANISATION

One of the two main research areas in the discipline of Information Systems Science at the Department of Management and Organisation at the Hanken School of Economics is "New forms of E-business and web collaboration (Open Source, Open Content, Open Access)".²⁶

H. HELSINKI INSTITUTE FOR INFORMATION TECHNOLOGY (HIIT)

The Helsinki Institute for Information Technology HIIT is a collaborative research unit of the University of Helsinki and the Aalto University. The HIIT's "research ranges from fundamental methods and technologies to novel applications and their impact on people and society"²⁷. A research group in "Digital Content Communities (DCC)" is operating at the institute²⁸. The group was part of the "DCM – Digital Content Marketing" project with the Department of Computer Science at the University of Jyväskylä. The project was carried out in 2009-2010 and included research concerning digital rights management

²² Source: Description of the project on HARIS (Hanken Research Information System), available in English at [http://hanken.halvi.helsinki.fi/portal/en/projects/legal-transplant-fo\(4bd6e655-623b-4e7c-884b-e2b99d7a089d\).html](http://hanken.halvi.helsinki.fi/portal/en/projects/legal-transplant-fo(4bd6e655-623b-4e7c-884b-e2b99d7a089d).html). Visited on 4.11.2013.

²³ Information was provided by Professor Marcus Norrgård, the project's leader at the Hanken School of Economics (consulted by phone on 20.11.2013).

²⁴ See description of the project on HARIS (Hanken Research Information System), available in English at [http://hanken.halvi.helsinki.fi/portal/en/projects/the-inner-and-outer\(5c58111d-9960-4873-a515-9b2fc8fe789e\).html](http://hanken.halvi.helsinki.fi/portal/en/projects/the-inner-and-outer(5c58111d-9960-4873-a515-9b2fc8fe789e).html). Visited on 20.11.2013.

²⁵ The project was titled "Changing intellectual property law in the information society" (translation by the researcher, original title in Finnish: "Informaatioyhteiskunnan muuttuva immateriaalioikeus". See the page 11 of the assessment report on the targeted call in Finnish at http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/4_06%20Immateriaali.pdf. Visited on 29.11.2013.

²⁶ See description of the research conducted at the department in English at <http://www.hanken.fi/public/en/infosyst>. Visited on 17.11.2013.

²⁷ See website of the HIIT in English at <http://www.hiit.fi/abouthiit>. Visited on 20.11.2013.

²⁸ See website of the research group in English at <http://www.hiit.fi/dcc>. Visited on 20.11.2013.

and piracy²⁹. Currently the group is part of the “PatLim” project in cooperation with the Hanken School of Economics. The project is focusing on patents, but copyright-related issues of computer programs and databases are part of the research topics as well.^{30 31}

I. LAPPEENRANTA UNIVERSITY OF TECHNOLOGY (LUT) – SCHOOL OF BUSINESS

The “InnoSpring Knowledge Protection and Sharing” research project was carried out at the School of Business at the Lappeenranta University of Technology in 2011-2013. The study focused on alternative ways in knowledge protection: *“In contrast to the most typical research approaches in knowledge sharing and protection focusing mostly on IPRs, our research group pioneers focus on the informal knowledge protection and sharing mechanisms. Thus, our approach to knowledge protection and sharing complements and widens the current IPR-driven research tradition. We believe that understanding the contingencies with different combination of formal and informal knowledge sharing and knowledge protection mechanisms, and the fit (adaptation) to various contexts provides competitiveness for firms.”*³² “Open Innovation Simulation” project was carried by the LUT’s regional unit LUT Kouvola and the Department of Industrial Management of Tampere University of Technology during the years 2011-2013: *“The project focuses on the impacts of strategic knowledge management actions on knowledge flows and financial outcomes of the firm within the open innovation framework. (...) Different outcomes of knowledge management actions are examined at the policy, operational and Intellectual Property levels in order to identify the best methods to support and guide decision making in the field of open innovation.”*³³

J. TAMPERE UNIVERSITY OF TECHNOLOGY – DEPARTMENT OF INDUSTRIAL MANAGEMENT

The Department of Industrial Management at the Tampere University of Technology has a Center for Innovation and Technology Research (CITER). The research focus areas of the center include “Open source code as a source of competitive advantage” and “Open Innovation phenomenon”³⁴. The Department carried out the project “Open Innovation Simulation” in cooperation with the Lappeenranta University of Technology’s regional unit LUT Kouvola in 2011-2013³⁵.

²⁹ Information was provided by Lauri Frank, the Head of the Department of Computer Science at the University of Jyväskylä (consulted by phone on 1.10.2013).

³⁰ For more information on the “PatLim” project, see the paragraph concerning the Hanken School of Economics.

³¹ The “Empirical Law and Economy” research group operated at the HIIT earlier. The research areas of the group included intellectual property, copyright, software patents, database protection, open licensing, open content and open source. The group was later merged into the “Digital Content Communities” group. See description of the group in English at <http://www.hiit.fi/empirical-law-and-economy>. Visited on 20.11.2013.

³² For more information, see description of the project, available in English at <http://www.lut.fi/web/en/tbrc/innospring-knowledge-protection-and-sharing>. Visited on 14.11.2013.

³³ See description of the project in English at <http://www.lut.fi/web/en/lut-kouvola/projects/open-innovation-simulation>. Visited on 14.11.2013.

³⁴ See the research focus areas of the center in English at <http://www.tut.fi/en/about-tut/departments/industrial-management/research/citer/research/index.htm>. Visited on 5.12.2013.

³⁵ For more information on the project, see the previous paragraph concerning the Lappeenranta University of Technology.

The discipline of Civil Law in the Law School at the University of Eastern Finland includes a “*Contracting capabilities*” research group³⁶. The group carried out a project “*Intellectual Property in Open Business Models (IPOB)*” in cooperation with the VTT Technical Research Centre of Finland³⁷ in 2008-2011: “*The major goal of the IPOB project is to make a tool box for IP strategy and management in open business models where all important factors and criteria are incorporated. Using the tools, companies can select and maintain an ideal IP management policy and create agreement satisfying all partners of an innovation network in question and by this way to promote the openness and effectiveness of innovation network.*”³⁸

L. UNIVERSITY OF HELSINKI – FACULTY OF LAW

Copyright-related research at the Faculty of Law at the University of Helsinki is conducted in the discipline of Commercial Law³⁹ and at the Institute of International Economic Law associated with the faculty. The IPR University Center⁴⁰ is operating in connection with the faculty as well. At the moment there are two ongoing projects focusing on copyright at the Faculty of Law.

- (1) “*TranSip*” project carried out in cooperation with Hanken School of Economics in 2013-2015. The project focuses on governance of intellectual property in China and Finland. The estimated share of copyright-related issues in the project is between 70 and 80%^{41,42}.
- (2) The Institute of International Economic Law⁴³ conducts research in several areas of law including Communication Law. The media law project “*New technologies in content production and distribution – the future of copyright and competition law*”, financed by the Helsingin Sanomat Foundation is carried out in 2011-2015⁴⁴. The estimated share of copyright-related issues in the project is 65%⁴⁵: “*The project aims at assessing and solving legal challenges relating to digitalization of content production and online content distribution. These themes include the problems of the infrastructure necessary for offering network connections for consumers and other end-users, and new kinds of digital services and platforms for distributing content. The project concentrates on copyright as well as competition law problems. It considers the aspect of*

³⁶ Translation by the researcher, original title in Finnish: “Sopimusosaamisen tutkimusryhmä”. See description of the group in Finnish at <http://www.uef.fi/fi/oikeustieteet/siviilioikeus1>.

³⁷ See the website of the VTT Technical Research Centre of Finland, available in English at <http://www.vtt.fi/index.jsp?lang=en>. Visited on 14.11.2013.

³⁸ See description of the project in English at <http://www3.vtt.fi/proj/ipob/index.jsp?lang=en>. Visited on 14.11.2013.

³⁹ Intellectual property law is one of the four main areas in the discipline of Commercial Law. See description of the discipline in Finnish at <http://www.helsinki.fi/oikeustiede/oppiaineet/kauppa-oikeus/index.htm>. Visited on 12.11.2013.

⁴⁰ For more information, see the paragraph concerning the IPR University Center in this report.

⁴¹ Information was provided by Professor Niklas Bruun, the project’s researcher at the Hanken School of Economics

⁴² For more information concerning the project, see the paragraph presenting research conducted at the Hanken School of Economics.

⁴³ The Institute of International Economic Law was established in 1991. “In recent years, European and global developments have led the Institute to expand its activities to other areas of law. Areas and problems falling outside or between, or covering several, traditional fields of law are especially studied. The ongoing research projects explore European law, international private law, media law, financial market law, transport law, and comparative law.” See description of the institute, available in English at <http://www.helsinki.fi/katti/english/>. Visited on 4.11.2013.

⁴⁴ The project is led by Taina Pihlajarinne, Professor of Copyright (fixed-term).

⁴⁵ Information on the project was provided by Taina Pihlajarinne, Professor of Copyright at the Faculty of Law at the University of Helsinki. Pihlajarinne is leader of the Media Law Project at the Institute of International Economic Law. (face-to-face interview on 21.10.2013).

fragmentation and Europeanization of these areas of law, analyzing possible and desirable legal reactions to the quick digitalization process.^{46 47} The predecessor of the project, “*The Media Law*” project was carried out in 2010-2011 and it focused on current copyright-related issues in mass communication. Copyright-related issues were studied, inter alia, from the perspectives of visual journalism, linking in internet and media events⁴⁸.

The Faculty of Law at the University of Helsinki received funding for two projects from the targeted call of the Academy of Finland for research on intellectual property issues for the time interval 2001-2004.⁴⁹

M. UNIVERSITY OF HELSINKI – FACULTY OF SOCIAL SCIENCES – DEPARTMENT OF SOCIAL RESEARCH⁵⁰

The Department of Social Research at the Faculty of Social Sciences at the University of Helsinki includes the discipline of Communication and a professorship focusing on Media and Communication Policy⁵¹. The ongoing “*FACE project*” at the department includes a copyright-related case study. The estimated share of copyright-related issues in the project is 20 %⁵²: “*The background of the project is on the emerging European policy paradigm of media and communications policy-making on the one hand, and its impacts on the Finnish national media systems and their institutional foundations on the other hand. Previous empirically oriented research has focused mainly on transformations of media policy in a national context, whereas analyses employing broader communication perspectives are relatively scarce. The project is anchored on four case studies concerning the press, broadcasting, telecommunication, and copyright (especially in the Internet). Organizing the research into case studies allows the integration of various methodological approaches into the analysis (quantitative and qualitative content analysis of legislation, policy documents, news media content, and interviews of key actors in policy formation).*”⁵³

N. UNIVERSITY OF JYVÄSKYLÄ – FACULTY OF INFORMATION TECHNOLOGY

The project “*Real Protection: platform for copyright protection using available components*”⁵⁴ is running

⁴⁶ See the project description in English at http://www.helsinki.fi/katti/tutkimusViestint_MediaLawProject2011-2015.htm. Visited on 25.10.2013.

⁴⁷ Anniina Huttunen is making her doctoral dissertation concerning legal issues (including copyright) of intelligent systems in the project. For more information, see the description of the study in Finnish at <http://www.helsinki.fi/katti/tutkijaAnHuttun.htm>. Visited on 22.10.2013.

⁴⁸ See description of the project in Finnish at http://www.helsinki.fi/katti/tutkimusViestint_UusiMediaymp%C3%A4rist%C3%B6.htm. Visited on 22.10.2013.

⁴⁹ The projects were titled “Intellectual property rights, licensing and insolvency” (translation by the researcher, original title in Finnish: “Immateriaalioikeudet, lisensointi, maksukyvyttömyys”) and “The legal and sociocultural preconditions of intellectual property” (translation by the researcher, original title in Finnish: “Immateriaalioikeuksien oikeudelliset ja sosiokulttuuriset reunaehdot”). Source: Assessment report of the call, available in Finnish at http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/4_06%20Immateriaali.pdf. Visited on 22.10.2013.

⁵⁰ See website of the department in English at <http://www.helsinki.fi/socialresearch/>. Visited on 25.10.2013.

⁵¹ The position is held by Hannu Nieminen. See the researcher biography of Hannu Nieminen, available in English at <http://blogs.helsinki.fi/hanniemi/>. Visited on 4.11.2013.

⁵² Information was provided by the project’s leader Hannu Nieminen (face-to-face interview on 22.10.2013).

⁵³ See description of the project on the website of the Academy of Finland, available in English at http://webfocus.aka.fi/ibi_apps/WFServlet?IBIF_ex=x_HakKuvau&CLICKED_ON=&HAKNRO1=250902&UILANG=en. Visited on 4.11.2013.

⁵⁴ Translation by the researcher, original title in Finnish: “Aito suojaus: alusta tekijänoikeuksien suojaamiseksi käyttäen saatavilla olevia komponentteja”. See description of the project in Finnish at https://extranet.tekes.fi/ibi_apps/WFServlet?IBIF_webapp=/ibi_apps&IBIC_server=EDASERVE&IBIWF_msgviewer=OFF&BIAPP_app=openraho&IBIF_ex=O_PROJEKTI_RAP1&CLICKED_ON=&YPROJEKTI=10943914&YTARKASTELU=Z&YKIELI=S&YMUOTO=HTML. Visited on 23.10.2013.

at the moment at the Department of Mathematical Information Technology. The project focuses on research and commercialization of protection mechanisms for managing access to digital content, such as music, computer softwares, videos or e-books. The estimated share of copyright-related issues in the project is 100 %⁵⁵.

One of the current research areas at the Department of Computer Science and Information Systems is “Digital Media” including “Digital Rights Management” as one of the research areas⁵⁶. A research project “DCM – Digital Content Marketing”⁵⁷ was conducted in cooperation with the Helsinki Institute for Information Technology (HIIT) during the years 2009-2010. The project included research concerning digital rights management and piracy. Research concerning these topics has been conducted at the department after the project with the funding of the university.⁵⁸

O. UNIVERSITY OF LAPLAND – FACULTY OF LAW

The research focus areas at the Faculty of Law in the University of Lapland do not include intellectual property related topics⁵⁹. However, the faculty includes an Institute of Commercial Law⁶⁰. The institute conducted a project “Lapland’s IPR-expert network for creative industries” in 2011⁶¹. The five-month project aimed at developing intellectual property related expertise and services in creative industries in Lapland, for example by disseminating knowledge on intellectual property and contract law. The director of the institute, Juha Karhu, was also one of the researchers whose project was financed in the targeted call by the Academy of Finland for research on intellectual property (2001-2004)⁶². The Institute for Law and Informatics has conducted intellectual property related research at the faculty as well^{63, 64}.

⁵⁵ Information on the project was provided by Erkki Kurkinen, researcher at the Department of Mathematical Information Technology and the leader of the “Real Protection” project (face-to-face interview on 16.10.2013).

⁵⁶ See description of the research at the department in English at <https://www.jyu.fi/it/laitokset/cs/en/research>. Visited on 23.10.2013.

⁵⁷ “The DCM project explores consumer behavior regarding digital content distribution over the Internet. Digital content can be music, videos, games, etc. In this project the emphasis is on how consumers behave when they like to acquire digital music or other content by using the Internet.” The project was carried out in cooperation with the Helsinki Institute for Information Technology (HIIT) and was funded by the Finnish National Technology Agency (TEKES), Teosto and DrElma. See description of the project in English at <https://www.jyu.fi/it/laitokset/cs/tutkimus/dcm>. Visited on 23.10.2013.

⁵⁸ Information was provided by the Head of the Department of Computer Science and Information Systems, Lauri Frank (consulted by phone on 1.10.2013).

⁵⁹ Source: Description of the research focus areas on the website of the University of Lapland, available in English at <http://www.ulapland.fi/InEnglish/Units/Faculty-of-Law/Research>. Visited on 23.10.2013.

⁶⁰ See website of the institute in English at <http://www.ulapland.fi/InEnglish/Units/Faculty-of-Law/Institutes/Institute-of-Commercial-Law>. Visited on 10.12.2013.

⁶¹ Translation by the researcher, original title in Finnish: “Lapin luovien alojen IPR-osaajaverkko”. The project was funded by the European Social Fund. See description of the project in Finnish at <http://www.ulapland.fi/Suomeksi/Yksikot/Oikeustieteiden-tiedekunta/Tutkimus-ja-jatko-opinnot/Instituutit/Varallisuus oikeuden-instituutti/Tutkimus>. Visited on 23.10.2013.

⁶² The project was titled “Intellectual property rights in the property law system” (translation by the researcher, original title in Finnish: “Immateriaalioikeudet varallisuus oikeuden järjestelmässä. See assessment report of the call, available in Finnish at http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/4_06%20Immateriaali.pdf. Visited on 22.10.2013.

⁶³ Source: “The condition of research in intellectual property in Finland and the needs for development” (translation by the researcher, original title in Finnish “Immateriaalioikeuden tutkimuksen tila ja kehittämistarpeet Suomessa”), a report by the Academy of Finland. See the report in Finnish at [http://www.viksu.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20\(pdf\).pdf](http://www.viksu.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20(pdf).pdf). Page 18. Visited on 29.11.2013.

⁶⁴ At the moment, the faculty is part of the project “High-quality contract making and networking to Lapland’s tourism industry” (translation by the researcher, original title in Finnish: “Laadukasta sopimustoimintaa ja verkostoitumista Lapin matkailualalle”). The project (1.4.2013 – 31.11.2014) aims at improving contract making and copyright-related contracts are one of the research areas. According to Juha Karhu, expert in the project, the estimated share of the copyright-related issues in the project is 5% (consulted by phone on 10.10.2013). See presentation of the project in Finnish on the website of the Regional Council of Lapland. http://www.lappi.fi/lapinliitto/c/document_library/get_file?folderId=1338124&name=DLFE-20363.pdf.

P. UNIVERSITY OF TURKU – FACULTY OF LAW

A research group focusing on intellectual property has been operating as part of the Faculty of Law at the University of Turku since the year 1995⁶⁵. At the moment, there are 5-6 researchers at the faculty who are conducting intellectual property related research with the funding of either the Faculty of Law or the Academy of Finland. The three year long “*ECOHERENCE*” project, financed by the Finnish Academy, started in September 2013. The estimated share of copyright-related issues in the project is between 10 and 15 %⁶⁶: *“Taking the dual process of globalisation and fragmentation as its basis, the objective of Ecoherence is to research and develop the mechanisms to reconcile economic and non-economic values in international, EU and national economic law decision-making. The project seeks ways to understand and improve the mechanisms’ systemic coherence in a multi-polar society. It observes four traditional areas of economic law (trade, competition, intellectual property and investment) and their intersections with two areas with significant non-economic values (environmental protection (e.g. biofuels) and the Information Society (e.g. online expression)”*⁶⁷ The faculty received funding from the Academy of Finland in targeted call for research on intellectual property issues for the time period of 2001-2004⁶⁸.

Q. UNIVERSITY OF TURKU – TURKU BUSINESS SCHOOL – DEPARTMENT OF ACCOUNTING AND FINANCE

The research focus areas of the discipline of Business Law at the Department of Accounting and Finance at the Turku Business School include *“Intellectual Property Rights”* and *“the legal questions connected with the protection of computer programs”*⁶⁹. At the moment, one doctoral dissertation concerning the protection of computer programs is under process at the department⁷⁰.

R. UNIVERSITY OF VAASA – FACULTY OF BUSINESS STUDIES

The Faculty of Business Studies at the University of Vaasa has an *“ICT-law”* research group⁷¹. *“The research conducted by the research group focuses on the significance of information in various dimensions of corporate operations – both nationally and internationally. The goal is to examine the impact the regulation of information has on businesses.”* At the moment, the research group does not

⁶⁵ Source: “The condition of research in intellectual property in Finland and the needs for development” (translation by the researcher, original title in Finnish “Immateriaalioikeuden tutkimuksen tila ja kehittämistarpeet Suomessa”), a report by the Academy of Finland. See the report in Finnish at [http://www.viksu.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20\(pdf\).pdf](http://www.viksu.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20(pdf).pdf). Page 18. Visited on 29.11.2013.

⁶⁶ Information on the project was provided by Tuomas Mylly, Associate professor of law at the Faculty of Law at the University of Turku. Mylly is director of intellectual property related research area in the “ECOHERENCE” project. (face-to-face interview on 17.10.2013).

⁶⁷ See description of the project on the website of the Academy of Finland, available in English at http://webfocus.aka.fi/ibi_apps/WFServlet?IBIF_ex=x_HakKuvaus&CLICKED_ON=&HAKNRO1=269956&UILANG=en. Visited on 26.10. 2013.

⁶⁸ The project was titled “Competition and innovation in European law” (translation by the researcher, original title in Finnish: “Kilpailu ja innovaatiot eurooppalaisessa oikeudessa”). Source: Assessment report of the call, available in Finnish at http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/4_06%20Immateriaali.pdf. Visited on 22.10.2013. Page 11.

⁶⁹ See description of the research conducted in the discipline of Business Law, available in English at http://www.utu.fi/en/units/tse/units/business_law/research/Pages/home.aspx. Visited on 17.11.2013.

⁷⁰ Information was provided by Ulla-Maija Mylly, a doctoral student at the department (consulted by phone on 10.10.2013).

⁷¹ See website of the research group in English at <http://www.uva.fi/en/research/groups/ict/>. Visited on 23.10.2013.

have ongoing separately funded copyright-related research projects⁷², but research of the group has resulted two copyright-related doctoral dissertations and one licentiate thesis⁷³.

S. VTT TECHNICAL RESEARCH CENTRE OF FINLAND

VTT Technical Research Centre of Finland is an applied research institution providing technology solutions and innovation services for companies, society and other customers⁷⁴. “*Business and Innovation*” is one of the research focus areas of the centre: “*The growth and globalisation of innovative companies is necessary in order to maintain the competitiveness of industry and commerce. The agility and transformation of leading companies is important. Open innovation and social media can have a great effect on the activities and operational environment of companies. Intellectual Property Rights in open innovation can change the traditional ways of action. Future models of enterprises can be based on much more open boundaries between companies than we are used to.*”⁷⁵ The VTT carried out the “*Intellectual Property in Open Business Models (IPOB)*” project in cooperation with the University of Eastern Finland in 2008-2011⁷⁶. Open Source related issues are included in the VTT’s research focus area “*Software Business*”⁷⁷ and a “*COSI - Co-development using inner & Open source in Software Intensive products*” project has been running at the VTT: “*VTT’s objective in COSI is to develop methods, techniques and solutions that assist in developing embedded software systems by integrating different types of software, i.e. Open Source (OS) and in-house software. Thus, the COSI-VTT project focuses on quality evaluation of the OS software and integrated systems.*”⁷⁸

⁷² Information was provided by the director of the group Asko Lehtonen (consulted by phone on 26.9.2013) and Brita Herler, researcher of the group (consulted by phone on 27.9.2013).

⁷³ For more information on theses, see the pilot report on Methodology card 12 – *Copyright-related research and study programs in universities and research institutes*.

⁷⁴ See website of the VTT in English at <http://www.vtt.fi/vtt/index.jsp>. Visited on 8.12.2013.

⁷⁵ See the description of “Innovation and Business” research at the centre, available in English at <http://www.vtt.fi/research/bus/>. Visited on 7.12.2013.

⁷⁶ For more information on the project, see the paragraph concerning the University of Eastern Finland in this report.

⁷⁷ See the description of the “Software Business” research area in English at http://www.vtt.fi/research/technology/software_business.jsp. Visited on 8.12.2013.

⁷⁸ See description of the project in English at http://www.vtt.fi/proj/cosi/cosi_aims.jsp. Visited on 8.12.2013.

Conclusions

A. ANALYSIS AND SUMMARY OF THE RESULTS

The extent of copyright-related research was studied by analyzing websites of the Finnish university faculties, schools and departments of law and business. In addition, websites of the departments in other faculties or schools that have published doctoral dissertations or licentiate theses related to copyright during the time interval of 1999-2013 or are at the moment involved in separately funded copyright-related research projects were examined.

The IPR University Center, established in 2000, is a joint institute of four Finnish universities: the Aalto University, the Hanken School of Economics, the University of Turku and the University of Helsinki. The main purpose of the IPR University Center is to coordinate and support intellectual property related research and education in Finland.

The Faculties of law at University of Helsinki and University of Turku are involved in ongoing separately funded copyright-related research projects at the moment. The Faculty of Law at the University of Lapland and the Law School at the University of Eastern Finland have had copyright-related research projects in the recent years. The copyright-related research projects at the faculties and schools of law have focused on copyright and new technologies, governance of intellectual property in China and Finland, mechanisms to reconcile economic and non-economic values in international, EU and national economic law decision-making, intellectual property in open business models and developing intellectual property related expertise and services in creative industries in Lapland.

Two projects including copyright-related research areas are ongoing at the Department of Accounting and Commercial Law at the Hanken School of Economics: (1) *“TransSIP”* focusing on governance of intellectual property in China and Finland as well as (2) *“PatLim”* focusing on inner and outer limits of patent protection. Open business models, Open Innovation, Open Data and/or Open Source are included in the research areas at the School of Business at the Lappeenranta University of Technology, Department of Information and Service Economy at the Aalto University School of Business, Department of Management and Organisation at the Hanken School of Economics, Department of Industrial Management at the Tampere University of Technology and VTT Technical Research Centre of Finland. The Faculty of Business studies at the University of Vaasa includes the *“ICT-law”* research group and research of the group has produced two copyright-related doctoral dissertations and one licentiate thesis in the 2000s. Intellectual property rights and issues related to protection of computer softwares are research focus areas in the discipline of Business Law at the Department of Accounting and Finance at the University of Turku.

Digital rights management constitutes one research area at the Faculty of Information Technology at the University of Jyväskylä. A project focusing on protection mechanisms is currently ongoing at the Department of Mathematical Information Technology. Copyright-related issues are included in the research focus areas of the *“Technology Law”* research group operating at the Department of Computer Science and Engineering at the Aalto University School of Science. The project focusing on media regulation including case study on copyright is ongoing in the discipline of Communication at the Department of Social Research at the University of Helsinki.

The Foundation for Cultural Policy Research (Cupore) and the Copyright Institute of the Finnish Copyright Society conduct copyright-related research outside the universities. This project, *“Assessing the Copyright and Related Rights Systems”* is ongoing at the Cupore at the moment. The Finnish Copyright Society has published copyright-related studies and reports since 1993.

▪ LIMITATIONS

This study investigated copyright-related research conducted in universities and research institutes by analyzing websites of the faculties, schools and departments of law and business. In addition, websites of the departments that have published copyright-related doctoral dissertations and licentiate theses during the time interval of 1999-2013 or are at the moment involved in separately funded copyright-related projects were analyzed. Several faculties or schools in relevant fields, such as in information technology, social sciences or media and communication, were not analyzed.

The research institutes operating in connection with the faculties, schools or departments were analyzed only when they were presented as their own areas on the websites or links to the websites of the institutes were provided in the main menus of the “research”-sections. Researchers of the found copyright-related research groups were interviewed for additional information. However, researchers in all the faculties or schools that have been involved in copyright-related projects or are having copyright-related research focus areas were not interviewed. Copyright-related research conducted at research institutes outside the universities was analyzed only partially in this study.

Analyzing websites of the faculties, schools, departments and related institutes included three major limitations.

1. All information on the websites was not analyzed: All project descriptions were not analyzed because of the high number of projects listed on the websites. Instead, the titles of the projects were analyzed for topics potentially including copyright-related research areas and descriptions of these projects were further analyzed for the specific keywords⁷⁹. Publications and researcher biographies on the websites were not analyzed. Therefore, this study was not able to provide information about interests of individual researchers.
2. The amount of Information considering research groups, ongoing or finished research projects varied between the websites of the faculties, schools and departments. There were websites that did not include sufficient or up-to-date information concerning research projects or groups within the faculties, schools or departments. For example, some of the research groups focusing on information, communication, technology or business law may have conducted relevant copyright-related research, but copyright-related keywords defined in this study were not found from the websites.
3. Copyright-related topics may be part of the research areas of the projects, although they are not mentioned in the project descriptions. The searched keywords in this study included Open Content, Open Source and Open Data. However, research topics related to Open Innovation or intellectual capital were not included in the results if copyright-related keywords were not found from the project descriptions. This exclusion was made because of broadness of these two research areas.

Because of these limitations, this study includes most copyright-related research conducted in Finland, but it cannot be considered exhaustive.

▪ GUIDELINES FOR FUTURE RESEARCH

The method of using doctoral dissertations and ongoing copyright-related projects (analyzed in connection with the piloting of Methodology Card 12 – *Copyright-related Research and Study Programs in Universities and Research Institutes*) as a starting point was successful in this pilot study. However, for comprehensive information, the analysis should include all faculties and schools in the selected fields. All faculties and schools of information technology could be analyzed together with the faculties and

⁷⁹ “Copyright”, “intellectual property”, “IPR” and “digital rights Management”, “DRM”, “Open Content”, “Open Source”, “Open Data”.

schools of law and business to obtain comprehensive information concerning the research focusing on copyright protection mechanisms or new models in governing copyright. The faculties and schools of media and communication, as well as social sciences could be analyzed as well. Research related for example to media regulation or justification of copyright may be conducted in these faculties and schools. In countries where information available on the websites is not comprehensive enough, the heads of the departments in relevant faculties and schools can be interviewed. The interviews conducted while piloting this description sheet and Methodology Card 12 showed that the heads of the departments of (small) faculties or schools are able to provide comprehensive information concerning the research conducted in the institutions.

The projects focusing on openness or new models in protecting knowledge may require different keywords than research directly related to copyright law. Therefore researchers should define “copyright-related research” accurately in connection with the studies. For comprehensive research results, all research projects focusing on the relationship of authorship and ownership should be addressed. In this study the project descriptions were analyzed for keywords “copyright”, “intellectual property”, “IPR”, “digital rights management”, “DRM”, “Open Content” “Open Source”, “Open Data”. The projects that contained only keyword “Open Innovation” or “intellectual/intangible capital” were considered too broad and indefinite to be included in the research results of this study.

The study of this description sheet is recommended to be conducted simultaneously with the Methodology Card 12 – *Copyright-related Research and Study Programs in Universities and Research Institutes*. The time needed for this pilot study will depend on the size of the country and the numbers of research projects and faculties analyzed. The workload for collecting data and drafting this report could be evaluated at 4 weeks of full-time work, including the following phases: analyzing the websites, interviewing the researchers and analyzing results as a whole.

Appendices

A. DESCRIPTION SHEET

Description sheet as presented in the Methodology Handbook, version 20.12.2013.

Description sheet 15. Research on copyright-related topics	
Description of copyright-related research made in universities and research institutes: <ul style="list-style-type: none">- Universities and research institutes directly involved in copyright-related research<ul style="list-style-type: none">- Main areas of expertise / objectives of the research institutes- Relevant faculties in the universities- Main sources of financing for the university / research institute as a whole- Main objectives of the relevant research groups and research networks- Research programs / projects on copyright-related topics<ul style="list-style-type: none">- Main objectives of the relevant programs / projects	
Guidelines for data collection	TBD
Definitions	<i>Copyright-related</i> <i>Issues directly concerning copyright form an essential part of the research or study program (Definition of the amount needed to be made by the researcher on the basis of desktop research or estimations given by the interviewees)</i>
Limitations of the indicator	The definition of "copyright-related" research and study programs needs to be made case-by-case.

B. INFORMATION SOURCES

Finland:

- **Aalto University (Aalto-Yliopisto)**
 - Research in the discipline of Information Systems Science at the Department of Information and Service Economy, text in English: <http://information.aalto.fi/en/research/issres/>
 - Software Business and Engineering institute (SoberIT) at the Department of Computer Science and Engineering, text in English: <http://www.soberit.hut.fi/english/>
 - "Technology Law" research group at the Department of Computer Science and Engineering, text in English: <https://cse.aalto.fi/research/groups/technology-law/>
- **Academy of Finland (Suomen Akatemia):**
 - Assessment report of the targeted call for research on Intellectual Property: http://www.aka.fi/Tiedostot/Tiedostot/Julkaisut/4_06%20Immateriaali.pdf
 - Funding decision of the "ECOHERENCE" project, text in English: http://webfocus.aka.fi/ibi_apps/WFServlet?IBIF_ex=x_HakKuvaus&CLICKED_ON=&HAKNRO1=269956&UILANG=en
 - Funding decision of the "FACE" project, text in English: http://webfocus.aka.fi/ibi_apps/WFServlet?IBIF_ex=x_HakKuvaus&CLICKED_ON=&HAKNRO1=250902&UILANG=en

- Funding decision of the “IPRs in Business and Technology” doctoral program, text in English: http://webfocus.aka.fi/ibi_apps/WFServlet?IBIF_ex=x_HakKuvaus&CLICKED_ON=&HAKNRO1=255453&UILANG=en
- “The condition of research in intellectual property in Finland and needs for development” study, text in Finnish: [http://www.viksu.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20\(pdf\).pdf](http://www.viksu.fi/Tiedostot/Tiedostot/Julkaisut/Immateriaalioikeuden%20tutkimus%20(pdf).pdf)
- ***Finnish Copyright Society (Suomen tekijänoikeudellinen yhdistys):***
 - Publications-series of the Copyright Institute, text in Finnish: <http://www.copyrightsociety.fi/index.php?id=104>
 - Website of the Finnish Copyright Society, text in Finnish: <http://www.copyrightsociety.fi/index.php?id=4>
- ***Foundation for Cultural Policy Research (Kulttuuripoliittisen tutkimuksen edistämssäätiö, Cupore):***
 - Foundation for Cultural Policy Research, text in English: <http://www.cupore.fi/foundation.php>
 - “Assessing the Operation of Copyright and Related Rights Systems” project, text in English: <http://www.cupore.fi/copyright.php>
- ***Hanken School of Economics (Svenska Handelshögskolan):***
 - Description of the research in the discipline of Information Science at the Department of Management and Organisation
 - “PatLim” project in the Hanken Research Information System(HARIS), text in English: [http://hanken.halvi.helsinki.fi/portal/en/projects/the-inner-and-outer\(5c58111d-9960-4873-a515-9b2fc8fe789e\).html](http://hanken.halvi.helsinki.fi/portal/en/projects/the-inner-and-outer(5c58111d-9960-4873-a515-9b2fc8fe789e).html)
 - “TransIP” project in the Hanken Research Information System(HARIS), text in English: [http://hanken.halvi.helsinki.fi/portal/en/projects/legal-transplant-fo\(4bd6e655-623b-4e7c-884b-e2b99d7a089d\).html](http://hanken.halvi.helsinki.fi/portal/en/projects/legal-transplant-fo(4bd6e655-623b-4e7c-884b-e2b99d7a089d).html)
- ***Helsinki Institute for Information Technology HIIT:***
 - Helsinki Institute for Information Technology HIIT, text in English: <http://www.hiit.fi/abouthiit>
 - “Digital Content Communities (DCC)”-research group, text in English: <http://www.hiit.fi/dcc>
 - “Empirical Law and Economy” research group, text in English: <http://www.hiit.fi/empirical-law-and-economy>
- ***Institute of International Economic Law (KATTI):***
 - Doctoral dissertation considering legal issues of intelligent systems (under process), text in English: <http://www.helsinki.fi/katti/tutkijaAnHuttun.htm>
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 - “INNOCENT” graduate school, text in English: http://www.iprinfo.com/tutkimus/innocent/en_GB/innocent/

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 - Discipline of Commercial Law at the Faculty of Law, text in Finnish: <http://www.helsinki.fi/oikeustiede/oppiaineet/kauppaoikeus/index.htm>
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- **University of Lapland (Lapin yliopisto):**
 - Institute of Commercial Law at the Faculty of Law, text in English: <http://www.ulapland.fi/InEnglish/Units/Faculty-of-Law/Institutes/Institute-of-Commercial-Law>
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 - “COSI” project, text in English: http://www.vtt.fi/proj/cosi/cosi_aims.jsp?lang=en
 - “Innovation and Business” research at the centre, text in English: <http://www.vtt.fi/research/bus/>
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<http://www.uva.fi/en/research/groups/ict/>

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- Asko Lehtonen, the director of the "ICT-law" research group at the Faculty of Business Studies at the University of Vaasa (consulted by phone on 26.9.2013).
- Brita Herler, researcher in the "ICT-law" research group at the Faculty of Business Studies at the University of Vaasa (consulted by phone on 27.9.2013).
- Erkki Kurkinen, researcher at the Department of Mathematical Information Technology at the University of Jyväskylä. Leader of the "Real Protection" project (face-to-face interview on 16.10.2013).
- Hannu Nieminen, Professor of Media and Communication at the Department of Social Research at the University of Helsinki. Leader of the "FACE" project (face-to-face interview on 22.10.2013).
- Juha Karhu, Professor of Law of Obligations, the Head of the Institute of Commercial Law at the University of Lapland (consulted by phone on 10.10.2013).
- Juha Laine, researcher in the "Technology Law" research group at the Department of Computer Science and Engineering at the Aalto University (consulted by phone on 26.9.2013).
- Kai K. Kimppa, Lecturer in the discipline of Information Systems Science at the Turku School of Economics (information was provided by Kimppa on e-mail on 1.10.2013).
- Lauri Frank, Head of the Department of Computer Science and Information Systems at the University of Jyväskylä (consulted by phone on 1.10.2013).
- Marcus Norrgård, Professor of Law at the Vaasa Unit of Legal Studies of University of Helsinki. Leader of the "PatLim" project at the Hanken School of Economics (consulted by phone on 20.11.2013).
- Niklas Bruun, Professor in Commercial Law at the Hanken School of Economics. Researcher in the "TranSIP" project. (face-to-face interview on 7.11.2013).
- Taina Pihlajarinne, Professor of Copyright at the Faculty of Law at the University of Helsinki. Leader of the Media Law Project at the Institute of International Economic Law (face-to-face interview on 21.10.2013).
- Tiina Kautio, Project coordinator of the "Assessing the operation of copyright and related rights systems" project at the Foundation for Cultural Policy Research (Cupore) (consulted on 4.11.2013 and 6.11.2013).
- Tuomas Mylly, Director of the intellectual property related area in the "ECOHERENCE" project at the Faculty of Law at the University of Turku (face-to-face interview on 17.10.2013).

- Ulla-Maija Mylly, doctoral student in the discipline of Business Law at the University of Turku (consulted by phone on 10.10.2013).
- Ville Oksanen, researcher in the “Technology Law” research group at the Department of Computer Science and Engineering at the Aalto University (consulted by phone on 2.10.2013).

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