

# TERECOM 2018

## Regulatory and Legal Compliance

Proceedings of the JURIX 2018 2<sup>nd</sup> Workshop on  
Technologies for Regulatory Compliance

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(eds.)

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# Foreword

We are delighted to collect in this volume some of the papers presented during the 2nd Workshop on Technologies for Regulatory Compliance (TeReCom). The workshop took place in Groningen, on December 12th, 2018, as a parallel event within the 31st International Conference on Legal Knowledge and Information Systems (JURIX2018).

This workshop is organised under the auspices of the H2020 European research project LYNX, and supported by several European, national and international projects (SPIRIT, RightsApp, Meta-rule of Law, and the Australian Data to Decisions CRC-Program). The LYNX project is based on a simple idea: the critical mass of legal open data on the web has been reached, and if duly collected, analysed and interlinked as a Legal Knowledge Graph, it will be ready to enable a new breed of multilingual services for compliance. Thus, the areas of interest in this workshop were three: (a) theoretical foundations and the legal regulatory framework towards compliance in Europe, (b) semantic web technologies which support the legal knowledge graph and (c) language technologies used to bridge the idiomatic barrier that hampers the commerce of products and services in Europe. To a great extent, as discussed in the Workshop sessions, we deem that this general framework can also be useful and extended to Common Law legal cultures.

The workshop attracted a wider interest, and the relation of LYNX with other akin projects present at JURIX was explored. In the first place, a joint session together with the Workshop organised by the ManyLaws H2020 project unveiled possible areas of cooperation between these two projects. In the second place, the works made in the framework of the Australian Law and Policy program of the Data to Decisions Cooperative Research Centre turned out to be of the highest relevance for LYNX –especially the study on compliance by design and compliance through design.

In its first edition of the workshop, which took place in Luxemburg in 2017, thirteen papers were presented in a very intense day that turned out to be a first survey of technologies for regulatory compliance. In this second edition, twelve presentations were made of much interest for both the industrial and the academic communities. The invited presentation by Enrico Francesconi on the PMKI Project (Public Multilingual Knowledge Management Infrastructure for the Digital Single Market) confirmed the interest of public institutions for multilingual technologies and knowledge management, and supports the work being done by the LYNX project.

We expect that the technologies for compliance envisioned by LYNX and now under development will be presented in the third edition of this workshop next year, and we hope that the practical character of this workshop is not lost in the next edition.

In Madrid, Melbourne and Barcelona

December 2018

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