

Breaking the Complexity Curse: The Legal Design Revolution

Ebru Metin, Tallinn University of Technology & Helena Haapio, University of Vaasa | Lexpert Ltd
May 13th, 2025

Let's talk about legal design!

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Lausanne, and Digital Law Center (DLC),
University of Geneva

Breaking the Complexity Curse: The Legal Design Revolution

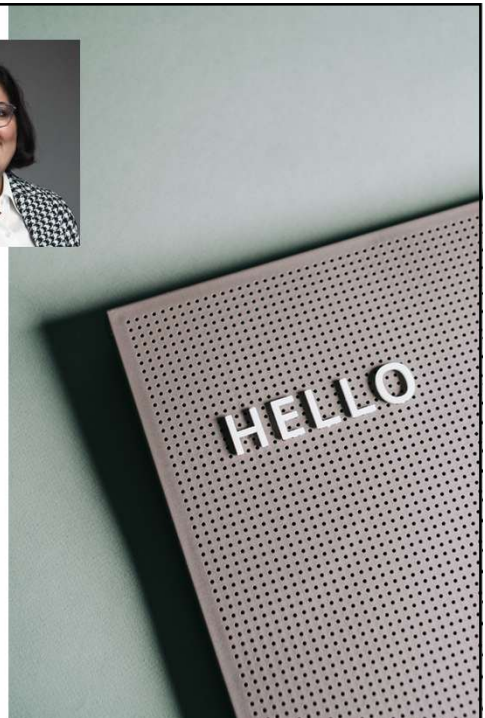
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Who's talking? Ebru Metin



- PhD Candidate in Business Administration (Tallinn University of Technology School of Business and Governance)
 - *Reducing regulatory complexity with legal design for corporate sustainability*
- LL.M. in International Financial Law (King's College London); LL.M. in Business Law (Istanbul Bilgi University)
- Founder, Legal Design Turkey
- Ambassador, European Legal Technology Association

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Who's talking? Helena Haapio: a lawyer on a mission

Helena Haapio, LL.M. (Master of Laws), MQ (Master of Quality),
DSc (Doctor of Science (Econ.) in Business Law)

- Associate Professor of Business Law, **University of Vaasa**, Senior Researcher, **Tampere University JARGONFREE** Research Group, Docent of Proactive Law and Contract Design, **University of Lapland**
- Contract Strategist, **Lexpert Ltd**, Helsinki; formerly corporate counsel in Europe and the US; arbitrator in contract disputes
- A pioneer of **Proactive Contracting** and **Contract Design**, merging proactive contract & legal thinking with design thinking & doing
 - co-founder of the **Nordic School of Proactive Law**, the **ProActive ThinkTank**, the **International Network for Proactive Law** (INPL), and the **Legal Design Alliance**; co-creator of **WorldCC Contract Design Pattern Library**
 - **on a mission** to change the way contracts and law are designed, communicated, perceived and taught, to make them actionable, legally and operationally functional, and business- and human-friendly
- Awardee, European Women of Legal Tech 2020 (Category: Academia/Education); Hogan Lovells, Bryter & European Legal Technology Association



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Who's talking, too? Uninvited: The Pocket Lawyer, Esq. 😊

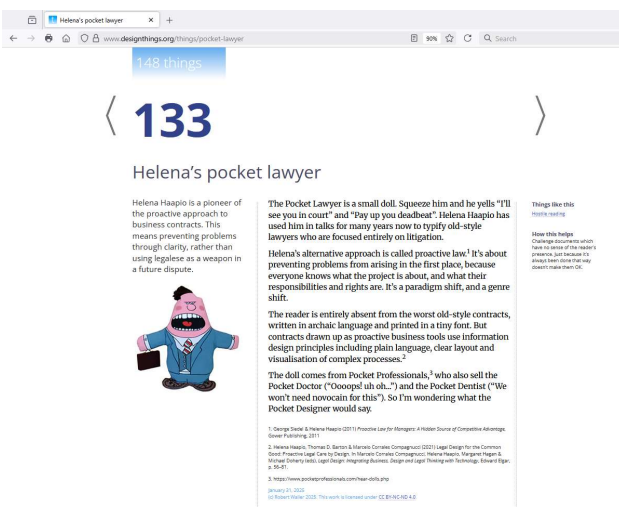
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Rob Waller, Things an information designer should know.

<https://www.designthings.org>

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Overview

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| 1. Introduction | 10. Stakeholder Collaboration |
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| 8. Strategies for Implementation | |
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Introduction



- European businesses are increasingly overwhelmed by complex regulations (*EESC, 2023*).
- Compliance challenges divert resources from innovation, competitiveness, and sustainability (*Draghi, 2024*).
- Ambiguous, fragmented, and excessive regulation exacerbates these difficulties. Studies on regulatory complexity indicate that environmental and sustainability laws frequently suffer from vague wording, overly technical phrasing, and inconsistent definitions across legislative instruments (*Vivo et al., 2024; Mora-Sanguinetti, & Pérez-Valls, 2021; Ghashim, et al., 2023*).
- Legal design offers a transformative, human-centred approach to reducing regulatory complexity and enhancing accessibility (*Metin & Haapio, 2024*).

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Better Law-Making: Key Priorities for EU legislation

- In the **Interinstitutional Agreement on Better Law-Making** (OJ L 123, 12.5.2016, pp. 1-14), the European Parliament, the Council and the Commission agreed to promote **simplicity, clarity and consistency** in the drafting of Union legislation.
- The three Institutions agree that Union legislation should be comprehensible and clear, 'allow citizens, administrations and businesses to easily understand their rights and obligations, include appropriate reporting, monitoring and evaluation requirements, avoid overregulation and administrative burdens, and be practical to implement'.
- Recital 2 states that the three Institutions:
"recognise their joint responsibility in delivering high-quality Union legislation and in ensuring that such legislation focuses on areas where it has the greatest added value for European citizens, is as efficient and effective as possible in delivering the common policy objectives of the Union, is **as simple and as clear as possible, avoids overregulation and administrative burdens** for citizens, administrations and businesses, especially small and medium-sized enterprises ('SMEs'), and is **designed with a view to facilitating its transposition and practical application and to strengthening the competitiveness and sustainability** of the Union economy."

Regulatory Complexity

- We understand **regulatory complexity** as the difficulty of understanding, implementing and managing legal norms. This complexity may stem from the content, language, structure, presentation or simply the volume of regulation (*Metin & Haapio, 2024*).

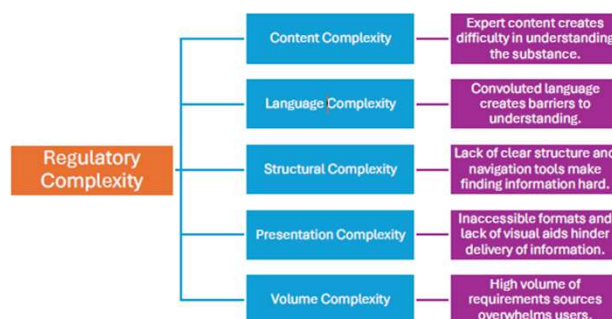


Figure 1. Different Dimensions of Regulatory Complexity^{III}
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Impact on Business

All these dimensions of regulatory complexity are present now, affecting more than **32 million** enterprises in the EU (*Eurostat, 2024*).



- **Innovation and Competitiveness**
 - Resources redirected from innovation to compliance efforts.
- **Compliance & Contractual Challenges**
 - Difficulties interpreting evolving and ambiguous requirements, underperforming contracts.
- **Increased Costs**
 - Higher compliance costs due to inefficiencies and administrative burdens.
- **Reduced Predictability**
 - Legal fragmentation across jurisdictions complicates compliance strategies.
- **Sustainability Barriers**
 - Complexity hinders proactive corporate engagement with sustainability goals.

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Introduction to Legal Design

- Legal design is an interdisciplinary and **proactive** approach that uses **human-centered design** to enable desirable outcomes and prevent the causes of problems from arising and developing into conflicts and disputes (*Legal Design Alliance, n.d. & Rossi & Haapio, 2019*).
- Core Principles:
 - **Human-Centricity:** Prioritizing user needs and understanding.
 - **Proactive Approach:** Promoting what is desirable and preventing what is not.
 - **Interdisciplinary Collaboration:** Integrating insights from law, design, technology, and business.



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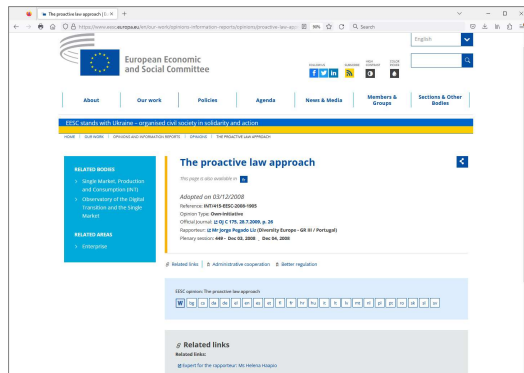
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Special Focus on Proactive Law



<http://www.eesc.europa.eu/en/our-work/opinions-information-reports/opinions/proactive-law-approach>

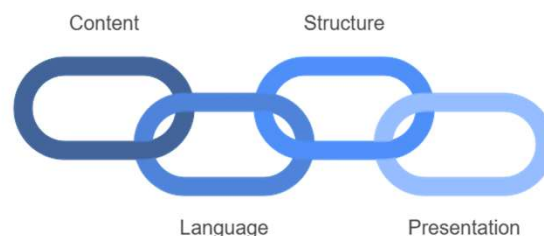
Focus not just on	Focus also on
<ul style="list-style-type: none">rules, legal tools: helping the parties to comply with the rulesminimizing risks, problems, disputes, lossespreventing causes of failure and negative effectslawyers as advisors, practicing preventive law; the law office as a preventive law laboratory	<ul style="list-style-type: none">goals, managerial tools: enabling the parties to reach their objectivesmaximizing opportunities, desired outcomes, benefitspromoting drivers of success & positive effectslawyers as designers and coaches, working with clients as part of cross-professional teams

Helena Haapio: *Next Generation Contracts: A Paradigm Shift*. Lexpert Ltd, 2013.

© 2025 Helena Haapio

Legal Information Design

- Legal design, particularly **legal information design**, can play a transformative role in simplifying complex legal information and communication by applying **human-centered design** principles to make regulations and contracts more **accessible** and **actionable**.



Four Elements of Legal Information Design

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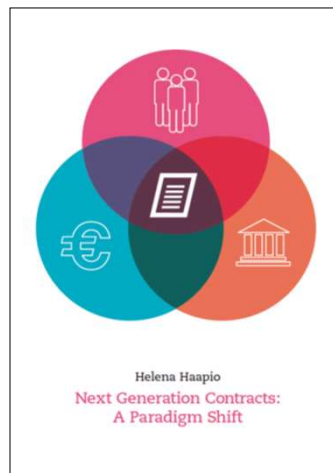
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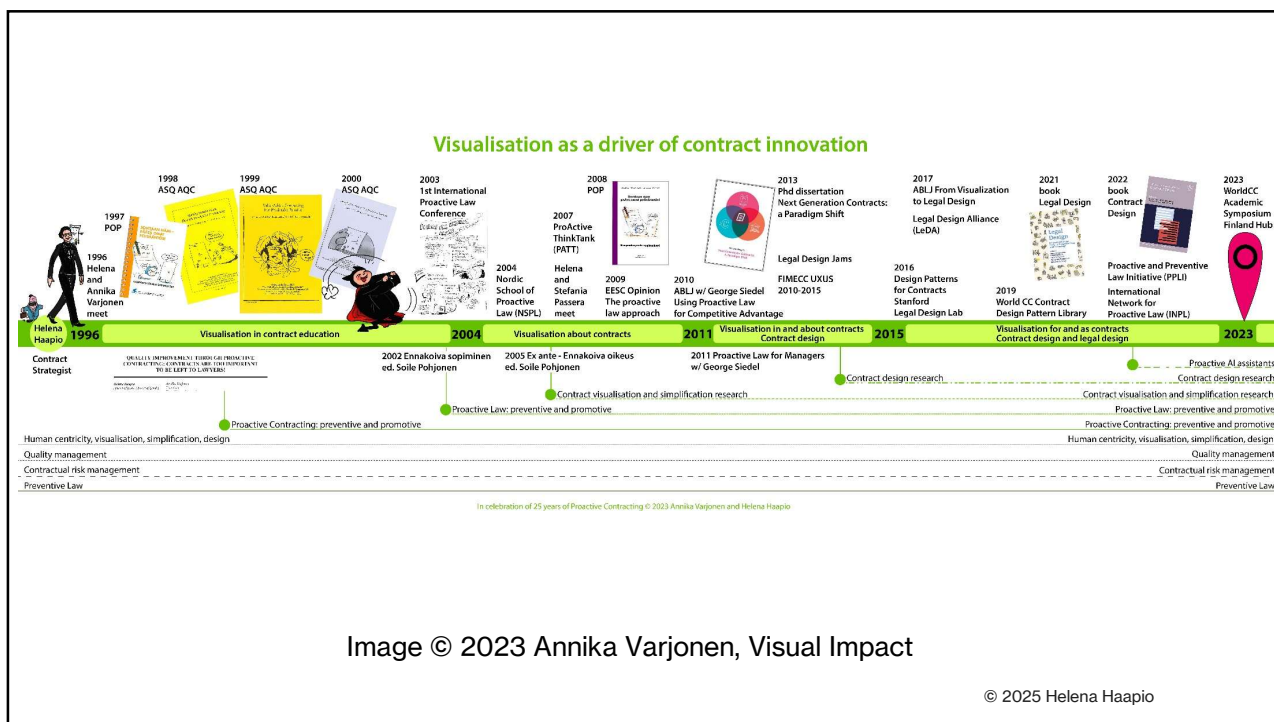
Contract Design

- First, there was a vision:
 - Next Generation Contracts: **Better contracts and better business through proactive legal thinking and design.**
- Now there are strategies and tools to make it happen:
 - ISO Standard on Plain Language: a follow-up on Legal Communication soon
 - Contract & legal design tools: e.g., design patterns
 - AI tools to automate them: e.g., OpenAI's ChatGPT & our own customized GPTs.



Helena Haapio
Next Generation Contracts: A Paradigm Shift
Doctoral dissertation, University of Vaasa
Lexpert Ltd 2013, contact@lexpert.com
Cover: Stefania Passera

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Strategies for Implementation

- **Adopt Plain Language Principles**
 - Implement ISO Plain Language standards ([ISO 24495-1:2023](#)) to ensure users can find, understand, and use the information they need (*Haapio et al, 2024*).
- **Use Visualization and other Design Tools and Patterns**
 - Integrate summaries, icons, diagrams, infographics and navigation tools (*Haapio & Barton, 2016*).
- **Engage Stakeholders Iteratively**
 - Establish feedback loops to refine clarity and usability continually (*Metin, Forthcoming 2025*).
- **Leverage Technology**
 - Employ AI-powered, human-verified tools for clarity, simplification and analysis (*Haapio et al, 2024*).
- **Modularity**
 - Structure content into reusable, adaptable, and updateable modules to simplify complexity and support user-centered navigation and updates (*Passera & Haapio, 2011*).

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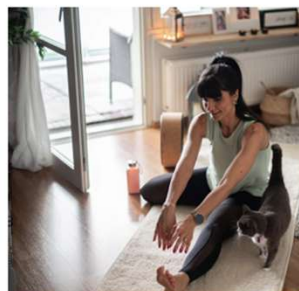
Practical Examples

Human rights

WE INVEST IN WELLBEING AND SAFETY

We wish to offer our residents a safe and healthy home and the opportunity to live a carefree life. We always build in a professional manner and repair any flaws and defects. We provide our customers with meaningful housing and create pleasant residential environments that promote wellbeing. We communicate openly and address difficult issues boldly in order to improve wellbeing.

It is important to us that we provide a safe and healthy working environment and that our personnel are well. All our employees are responsible for improving the safety culture and procedures. Employees must review and comply with the guidelines of their place of work. We use required protection equipment in our work and aim to prevent accidents. Together we make sure that work is safe and that any defects we notice are addressed. Good and coaching management is at the centre of safety and wellbeing. Wellbeing at work is also improved by using regular personnel surveys, among other things.



EXAMPLE

You notice that a tool is broken. Should you report it, even though you suffered no harm?

Yes. Never hesitate to report flaws and defects. A broken tool may put someone else in danger.

[SATO,](#)
[Code of](#)
[Ethics](#)

7

Our guidelines and values

Human rights

Honest business

Environment and society

Reporting misconduct

sato

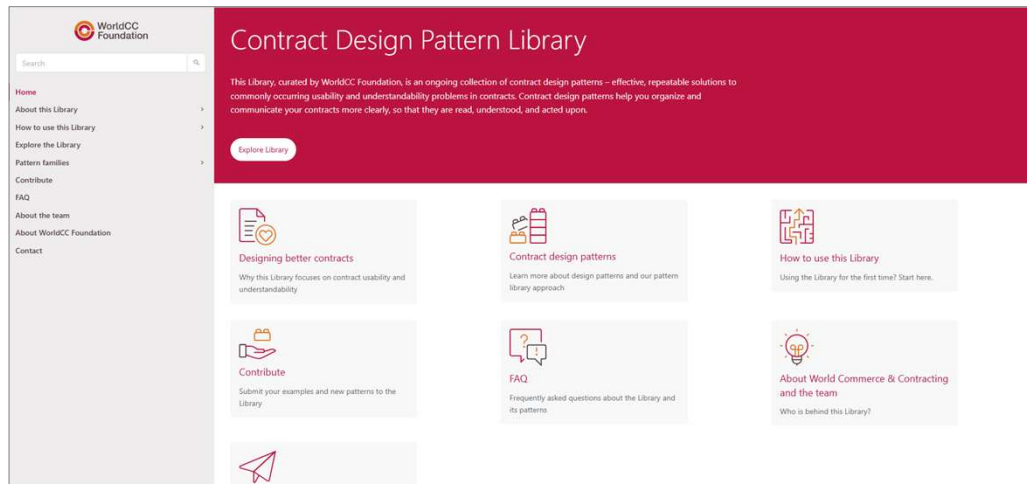
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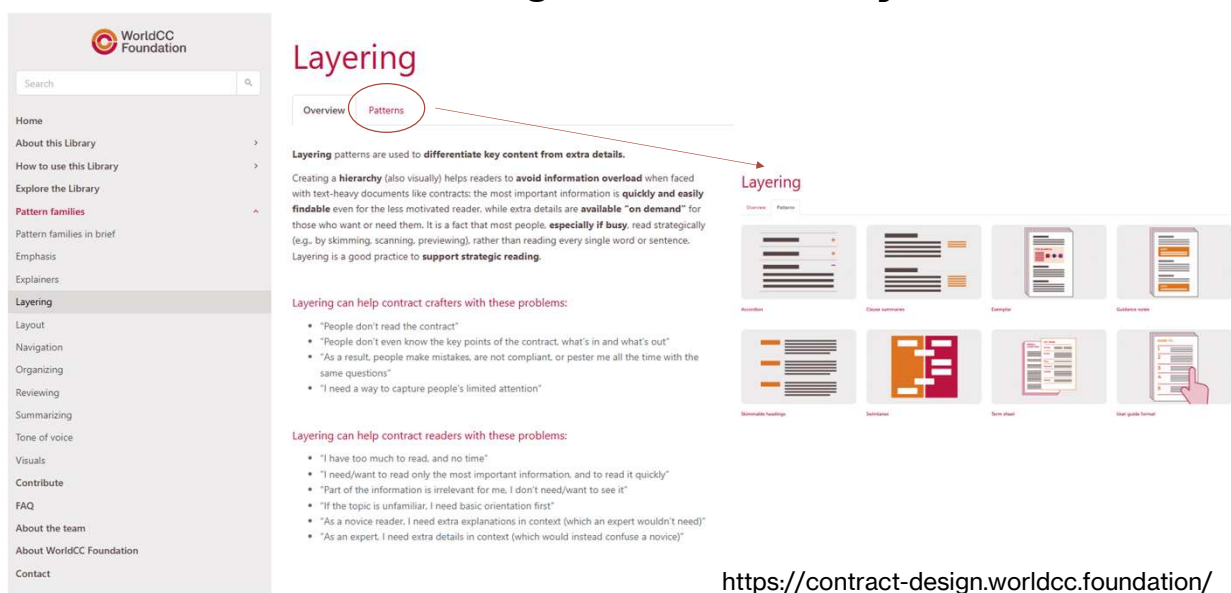
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WorldCC Contract Design Pattern Library



<https://contract-design.worldcc.foundation/>

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<https://contract-design.worldcc.foundation/>

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WorldCC Contract Design Pattern Library

Skimmable headings

Pattern Examples

Example 1
Shell Marine Lubricants Terms & Conditions
Shell's new contracts use skimmable headings in the hand left margin to give the gist of the clause content – and sometimes spell out the question it answers.
Source: Shell Marine Lubricants Terms & Conditions
© 2018 Royal Dutch Shell plc. Used with permission.
Design: Rob Waller

What is it?
Frequent, highly visible headings that stand out so the reader can move quickly through a document to understand its structure and access its content. There should be one for each clause or paragraph, acting as a layered explanation.
They do not necessarily replace conventional hierarchical headings for chapters or sections (although that is a possibility, too), but work alongside them.

Ordering, payment and delivery

2. Nominations

2.1 You will give us, or our representative, your Nominations. Your Nominations will specify:

- grades
- quantities
- method of delivery
- type of products (including whether bulk or packaged)
- port or place of delivery

2.2 You must specify the expected date of arrival at a Delivery Port, taking into account the maximum Notice Period.

2.3 If you change your nomination without cancelling or amending your Nominations or if you don't give the minimum Notice Period you will pay us at our Delivery Company's related expenses.

2.4 If the vessel arrives early

2.5 If the vessel arrives late

2.6 If the vessel is more than 10 days late

3. Price

3.1 The price of the oil that the Lubricants will be the price shown in the Price List which is in force on the date we receive the Nominations from you.

3.2 We will provide you with at least 30 days' prior written notice of any proposed changes to the price which results from a price review and/or to the range of Marine Lubricants available.

If you think the increased price is unreasonable, you may, within 30 days of receiving

<https://contract-design.worldcc.foundation/>

Example of information design / EMCs: The effect of adding graphic structure

Before

This paragraph includes a 93 word sentence.
The EU's clear writing guide recommends 20 words per sentence as a suitable average.*

With graphic structure

The new version makes no changes to the wording – the only difference is to the graphic structure.
Line breaks, bullet points and bold type make the structure of the text easy to see, reducing the reader's cognitive load.

Exercise of Interim Remedies in the Event of a HREDD Default

Demanding that the defaulting party take active measures, such as the immediate cessation of activities that could aggravate existing or create new Adverse Impacts. Such measures may include Supplier's termination or removal of employees, if permissible under applicable law, and/or other Representatives in accordance with applicable laws, placing its supplier(s) or subcontractor(s) on notice of an Adverse Impact that the parties reasonably believe was caused or jointly caused by such supplier or subcontractor, requiring those entities to take corrective action to remedy the Adverse Impact, and, if it becomes clear that remedy is not forthcoming or that continuing the relationship will aggravate or create additional Adverse Impacts, terminating the contract or affiliation with the sub-supplier(s) or subcontractor(s).

Exercise of Interim Remedies in the Event of a HREDD Default

Demanding that the defaulting party take active measures, such as the immediate cessation of activities that could aggravate existing or create new Adverse Impacts. Such measures may include

- **Supplier's termination or removal of employees**, if permissible under applicable law, and/or other Representatives in accordance with applicable laws,
- **placing its supplier(s) or subcontractor(s) on notice of an Adverse Impact** that the parties reasonably believe was caused or jointly caused by such supplier or subcontractor, requiring those entities to take corrective action to remedy the Adverse Impact,

and, if it becomes clear that remedy is not forthcoming or that continuing the relationship will aggravate or create additional Adverse Impacts,

- **terminating the contract or affiliation** with the sub-supplier(s) or subcontractor(s).

International Institute for Information Design (IIID), "Suggestions for improving the communication of the European Model Clauses for Responsible and Sustainable Supply Chains". Comments submitted in response to the consultation co-ordinated by the Responsible Contracting Project, 2 December 2024.

For more information, see <https://www.simplificationcentre.org.uk/blog/suggestions-for-improving-the-communication-of-the-european-model-clauses>

For the European Model Clauses (EMCs) Zero Draft, see <https://www.responsiblecontracting.org/emcs>

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Example of information design / EMCs - **before**: The effect of plain language and graphic structure

Before

Most EMC clauses are presented in this form. There are some headings, but the text is presented in quite dense paragraphs.

1.1 Human Rights and Environmental Due Diligence (HREDD)

(a) Joint commitment to HREDD: Buyer and Supplier each covenants to establish and cooperate in maintaining a HREDD process in connection with the Goods governed by the Agreement, in accordance with the standards set out in the OECD Guidance. The HREDD process shall be appropriate to each party's size and circumstances. If Supplier is an SME, Supplier can opt to establish its own HREDD process or to participate and cooperate in Buyer's HREDD process as clearly requested and instructed by Buyer.

(b) Stakeholder engagement: Buyer and Supplier must engage Stakeholders at each step of the HREDD process set out in Clause 1.1. Such Stakeholder engagement must be on-going, responsive, effective and conducted in a culturally appropriate format and in a manner that is free of manipulation, discrimination, interference, coercion, and intimidation. The parties shall provide Stakeholders with the information necessary for them to meaningfully engage in the HREDD process. Buyer and Supplier may prioritize types of engagement according to severity and likelihood of Adverse Impacts. Buyer and Supplier shall adequately document the Stakeholder consultation process and outcomes to enable Buyer to comply with the relevant reporting requirements under applicable law.

International Institute for Information Design (IIID), "Suggestions for improving the communication of the European Model Clauses for Responsible and Sustainable Supply Chains". Comments submitted in response to the consultation co-ordinated by the Responsible Contracting Project, 2 December 2024.

For more information, see <https://www.simplificationcentre.org.uk/blog/suggestions-for-improving-the-communication-of-the-european-model-clauses>.

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Example of information design/EMCs - **after**: The effect of plain language and graphic structure

After

Unnecessary words deleted.

BEFORE
"If Supplier is an SME, Supplier can opt to..."

AFTER
"SME Suppliers can..."

Bullet lists reveal the structure of the sentence, and make reading easier and quicker.

1.1 Human Rights and Environmental Due Diligence (HREDD)

(a) Joint commitment to HREDD: For the Goods governed by the Agreement, Buyer and Supplier will create and maintain a HREDD process:

- appropriate to their size and circumstances; and
- using the OECD Guidance standards.

SME Suppliers can either:

- establish their own HREDD process; or
- participate and cooperate in Buyer's HREDD process.

Each party is independently responsible for upholding its HREDD Obligations under this Agreement, and a failure to do so by one party will not relieve the other party of its HREDD Obligations.

(b) Stakeholder engagement: Buyer and Supplier must engage Stakeholders at each step of the HREDD process in a way that is:

- ongoing, responsive, effective, and culturally appropriate; and
- free of manipulation, discrimination, interference, coercion, and intimidation.

The parties will provide Stakeholders with all information necessary for them to meaningfully engage in the HREDD process.

Buyer and Supplier:

- may prioritize engagement types according to severity and likelihood of Adverse Impacts, and
- shall adequately document the Stakeholder consultation process and outcomes to enable Buyer to comply with the relevant reporting requirements under applicable law.

A graphically structured text will be easier to adapt and integrate into existing contracts. This is because each element of the content sits on its own, rather than being embedded in a complex sentence or paragraph.

International Institute for Information Design (IIID), "Suggestions for improving the communication of the European Model Clauses for Responsible and Sustainable Supply Chains". Comments submitted in response to the consultation co-ordinated by the Responsible Contracting Project, 2 December 2024.

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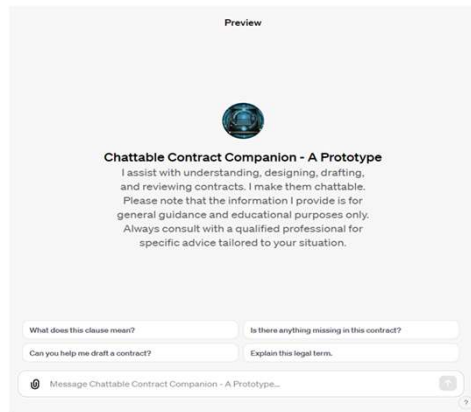
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Chattable Contract Companion – A Prototype



Image created using OpenAI's GPT Builder.
Chattable Contract Companion is a prototype based on OpenAI's GPT technology.



Anne Ketola, Helena Haapio & Robert de Rooy, Chattable Contracts: AI-Driven Access to Justice. Paper presented at the JURIX Workshop on AI and Access to Justice on 18 December 2023 available at <https://drive.google.com/file/d/1k4tyhjYS80vuj2655run69DxgUL1OsCm>.

AI tools

Zero Draft for Consultation:

The European Model Clauses (EMCs) for Responsible and Sustainable Supply Chains

July 2024

Prepared by the European Working Group for Responsible and Sustainable Supply Chains.

Definitions

Article 1 Mutual Obligations with Respect to Due Diligence in Supply Chains

1.1 Human Rights and Environmental Due Diligence (HREDD)

1.2 Sub-suppliers and subcontractors

1.3 Buyer's Obligations to Implement HREDD

1.4 Grievance Mechanism

Article 2 Remediating Actual Adverse Impacts and Corrective Action

Article 3 Remedies

3.1 Notice of Default, Cure Period, and Breach

3.2 Exercise of Interim Remedies in the Event of a HREDD Default

3.3 Remedies Limitations

3.4 Indemnification and Comparative Fault

3.5 Termination and Responsible Exit

Article 4 Monitoring

4.1 Regular Monitoring

4.2 Monitoring without notice

4.3 Cooperation by Supplier

4.4 Costs of Monitoring

Article 5 Dispute Resolution with Stakeholders

5.1 Dialogue

5.2 Escalation mechanism

5.3 Non-retaliation

Definitions

Adverse Impact: means a potential or actual Adverse Environmental Impact and/or Adverse Human Rights Impact which one or both parties have either individually and/or jointly caused, or are directly linked to, through their products, services, and business relationships. A company is deemed to cause

AI Assistant

No requests remaining

Subscribe now

Overview

The document is a zero draft for consultation on the European Model Clauses (EMCs) for Responsible and Sustainable Supply Chains, outlining mutual obligations, due diligence, remediation, monitoring, and dispute resolution.

Copy

Here are some suggestions you can try:

Provide a list of the 5 most important points.

What is the definition of Living Wage?

How are Stakeholders engaged in the HREDD process?

Ask a question about this document

AI-generated responses may be inaccurate or misleading. Be sure to double-check responses and sources. [Learn more](#)

Example:
Adobe Assistant –
summarizing
and explaining
the EMCs

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Stakeholder Engagement

- **Participatory Design Process**
Involving users, businesses, policymakers, designers, and lawyers.
- **Co-Creation for Practicality**
Ensures legal texts meet real-world needs and are easier to implement.
- **Diverse Perspectives**
Encourages inclusivity and enhances the usability of legal tools.
- **Feedback Loops**
Iterative testing and refinement improve communication and effectiveness.

(Metin, Forthcoming 2025)

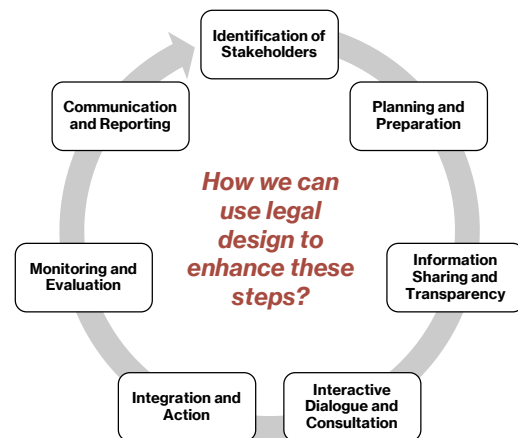


Figure 1. Steps of Meaningful Stakeholder Engagement Process under CSDDD.

Source: Author's own compilation.

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Technological Integration

- **AI-Powered Tools**
 - Smart readers and writers help analyze, summarize, and simplify legal texts (Compagnucci et al, 2022).
- **Machine-Readable Formats**
 - Automate monitoring, reporting, and compliance processes (Haapio et al., 2017 & Salo-Lahti et al., 2023).
- **Digital Prototypes and Interfaces**
 - Treat contracts as user-centered interfaces by developing interactive, visually structured prototypes that enhance navigation, understanding, and practical usability for all stakeholders (Haapio & Passera, 2017).
- **Human-Verified Outputs**
 - Combine the precision of AI with the contextual judgment of legal experts (Haapio & Passera, 2017).



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Challenges and Considerations

- **Resistance to Change**
Traditional legal culture may hesitate to adopt new methods.
- **Balancing Clarity and Precision**
Simplification must maintain legal accuracy and enforceability.
- **Interdisciplinary Barriers**
Collaboration between law, design, and tech requires shared understanding.
- **Scalability and Standardization**
Ensuring legal design approaches can be applied broadly and consistently.
- **Regulatory Inertia**
Institutional processes may be slow to integrate innovative methods.



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Key Points

- **Regulatory Complexity** is a major barrier to innovation, compliance, and sustainability.
- **Legal Design** offers a proactive, human-centered solution to this complexity.
- **Key Elements** include plain language, visual aids, modular design, and digital tools.
- **Successful Implementation** requires collaboration, iterative feedback, and technological support.
- **Impact:** Clearer, more actionable laws and contracts that serve all stakeholders more effectively.



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Let's talk about legal design!

Legal Design & Code Lab, University of Lausanne, and Digital Law Center (DLC), University of Geneva

Breaking the Complexity Curse: The Legal Design Revolution

Ebru Metin, Tallinn University of Technology & Helena Haapio, University of Vaasa | Lexpert Ltd

May 13th, 2025

Future Directions



Mainstreaming Legal Design

Integrating legal design into legislative drafting, corporate compliance, and legal education.



Policy Alignment

Supporting EU goals of simplification and sustainability with user-friendly legal frameworks.



Standardization Efforts

Expanding the use of plain language (ISO 24495-1) and information design in regulatory texts, contracts, Codes of Conduct, etc.



AI & Legal Design Integration

Developing adaptive tools for real-time simplification and personalized compliance support.



Expanding Research & Collaboration

Building interdisciplinary networks to co-create evidence-based legal design strategies.



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163 things

< **12**

DESIGN & TRANSFORMING

Complexity is not the enemy

The usual opposite of simplicity – complexity – is not in itself a bad thing

Complex systems are rich, powerful, and capable, while simple ones may be useless outside of the limited context for which they were designed.

For example, a map of my town is more complex and more confusing than the set of specific directions I give you to help you walk from the rail station to my house. But if you make a wrong turning, my simple directions quickly become useless.

In many, perhaps even most, cases, the process of simplification doesn't reduce the underlying complexity and richness of content, but improves our ability to navigate it – it produces a simpler experience, or a simpler understanding.

How this helps
A simple experience can be about clear routes through complexity, as much as reducing it.

Things like this
Explanation

Search
What for?

Rob Waller: “Complexity is not the enemy”

Rob Waller, Things an information designer should know
<https://www.designthings.org>. © Robert Waller 2025.
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Questions & Discussion



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