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**Preventing disputes: preventive logic, law & technology**
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Propositions belonging to the thesis

# Preventing Disputes
Preventive Logic, Law & Technology

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**Proposition 1:** Automating contracts is already possible for small use cases. The automation is based on *communications and risk data* at an analytical level. The goal is full automation, which will happen for most use cases in the next twenty years (See Chapter 2).

**Proposition 2:** The Bow-Tie Method provides an effective legal risk management framework for preventing hazardous legal events via *proactive controls* on the basis of specific risk sources (See Chapter 3 and 4).

**Proposition 3:** If proactive controls are understood as arguments, then it is possible to qualitatively and quantitatively improve them by applying argumentation theory to the Bow-Tie Method (See Chapter 5).

**Proposition 4:** *Explaining* intelligent systems decisions for preventive legal technology enhances end-user trustworthiness with improved transparency and accountability (See Chapter 6 and 7).

**Proposition 5:** Society suffers from the paradox of reactive legal services, meaning that most individuals lack the legal expertise to seek legal help at the right time.

**Proposition 6:** Visualising legal risks enhances end-user trustworthiness and improves the understanding of potential legal consequences.

**Proposition 7:** Explaining the decisions of intelligent systems will accelerate the adoption of technology in the market.

**Proposition 8:** The gap of LegalTech innovation between science and market is decades long; the legal market is not ready for wide-adoption of scientific innovations.

**Proposition 9:** Preventing disputes is better than resolving disputes. It helps avoid unnecessary consequential costs. The challenging part is knowing the right time to invest in prevention.

**Proposition 10:** AI willl support lawyers in practice to a large extent. The prevailing question is what are adequate criteria to state that AI programs will have a better performance than lawyers? In my opinion they will be formulated within the next twenty years.