





#### **Please note**

Upon entry please note that all delegates will be put on mute.

Please send all questions by chat message as these will be answered at the end.

A recording will be made available to all BILA members so by participating, delegates are agreeing to be recorded.

A survey will be sent by email to all delegates. Your response would be very much appreciated.





#### **Forthcoming Lectures**

22<sup>nd</sup> April 2021 Martin Moore QC – Prudential and Rothesay Life 4<sup>th</sup> May 2021 Manoj Vaghela – Always look on the bright side of life – an overview of the life insurance sector

12<sup>th</sup> May 2021 - Colin Edelman QC and Andrew Burns QC – Law of Reinsurance – New Edition

29<sup>th</sup> April 2021 – BILA Young Professionals – Speed Networking Event

June 2021 Queen Mary University of London/BILA – Joint Event



# **Smart contracts**

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# The project

- We are undertaking a scoping study on smart contracts.
- Our aim is to analyse the current law as it applies to smart contracts and identify areas in which further work or reform may be required.
- We published a call for evidence in December 2020, which closes on 31 March 2021 (tomorrow!).
- After reviewing all responses to the call for evidence, we will publish the scoping study in late 2021.



# What is a smart contract?

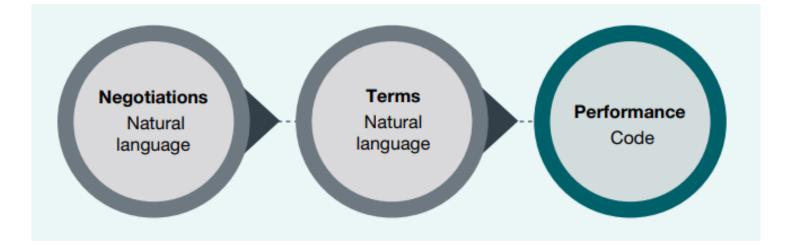
• "A legally binding contract in which some or all of the contractual obligations are recorded in or performed automatically by a computer program deployed on a distributed ledger" (Call for evidence, p ix).





# **Three forms of smart contract**

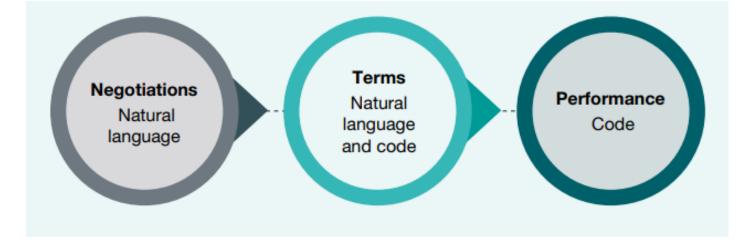
1. Natural language contract with automated performance





## **Three forms of smart contract**

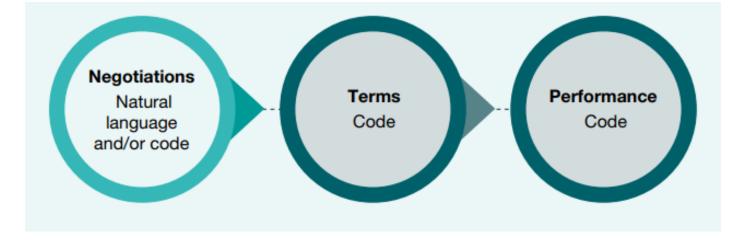
### 2. Hybrid smart contract





## **Three forms of smart contract**

#### 3. Solely code contract













# The legal issues

- Formation
- Interpretation
- Remedies
- Consumer protection
- Jurisdiction



# Formation

- Can a legal agreement be reached solely "on chain"? How do concepts of offer and acceptance apply in this context?
- Can we presume that parties who are transacting on a DLT system intend to create legal relations?
- Can agreements recorded solely in code satisfy formality requirements, such as a requirement that the contract be "in writing" and/or "signed"?



# Interpretation

- How are coded contractual terms to be interpreted?
- Does the code mean what a reasonable person with knowledge of the code thinks it means, or simply what the computer does in response to the coded instructions?
- Should evidence of prior negotiations be admissible in the interpretation of a smart contracts, at least where the parties are not code literate?



# Remedies

- How can the terms of a smart contract be rectified if they are immutably recorded on a distributed ledger?
- How might principles of mistake apply where the code does not execute as the parties intended?
- What remedies could the court award to unwind the performance of a smart contract that is void or has been set aside?



# **Consumer protection**

- Are smart contracts being used in the B2C context? How might they be used?
- Would terms written in code be at risk of breaching transparency and fairness requirements?
- Do current consumer protection laws provide adequate protection to consumers who enter into smart contracts?



# Jurisdiction

- There are a number of "connecting factors" which the courts of England and Wales apply to determine if they have jurisdiction to hear a contractual dispute.
- How might these connecting factors apply in the context of smart contracts?
- Might there be difficulties in identifying, for example, the place of formation or performance of a smart contract?



## **Other issues we should consider?**





# What happens next?

- The call for evidence closes tomorrow, on 31 March 2021.
- After reviewing all responses, we will produce a scoping study.
- The scoping study will explain how we consider the current law applies to smart contracts, and identify any areas in which further work, or possibly law reform, may be required.
- We will also publish a summary of the responses received to the call for evidence.



# **Further information**

- Project page (including links to the full text of the call for evidence and a summary): <u>https://www.lawcom.gov.uk/project/smart-contracts/</u>
- Video introduction to the project: <a href="https://youtu.be/N5JKnaoMa8c">https://youtu.be/N5JKnaoMa8c</a>
- Project email address: <u>smart-contracts@lawcommission.gov.uk</u>
- Online response form: <u>https://consult.justice.gov.uk/law-</u> <u>commission/smart-contracts/manage\_respondents</u>





#### Questions and Answers